

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030116\  
 Data File : BF085098.D  
 Acq On : 1 Mar 2016 18:35  
 Operator : SJ/IZ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Quant Time: Mar 02 00:44:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 02 00:39:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.99  | 152  | 217856   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.27  | 136  | 891209   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.03 | 164  | 423228   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.51 | 188  | 739756   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.15 | 240  | 659424   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.62 | 264  | 503040   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 291690 | 23.45 | ng | -0.01 |
| 7) Phenol-d6             | 6.59  | 99  | 367793 | 23.42 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 326622 | 21.91 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 81274  | 18.13 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.35  | 172 | 666393 | 23.41 | ng | -0.01 |
| 78) Terphenyl-d14        | 13.10 | 244 | 595365 | 24.70 | ng | -0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 69850  | 11.70 | ng | 97     |
| 3) Pyridine                    | 3.48 | 79  | 165315 | 10.54 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 79174  | 10.81 | ng | # 99   |
| 6) Aniline                     | 6.64 | 93  | 253032 | 11.45 | ng | 94     |
| 8) 2-Chlorophenol              | 6.76 | 128 | 174364 | 12.07 | ng | 98     |
| 9) Benzaldehyde                | 6.54 | 77  | 116571 | 12.90 | ng | 86     |
| 10) Phenol                     | 6.60 | 94  | 203882 | 12.11 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.72 | 93  | 159319 | 11.06 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.00 | 146 | 190926 | 12.19 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146 | 190926 | 12.22 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 162521 | 11.07 | ng | 97     |
| 15) Benzyl Alcohol             | 7.12 | 79  | 140677 | 12.11 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.26 | 45  | 250491 | 11.62 | ng | 97     |
| 17) 2-Methylphenol             | 7.22 | 107 | 130666 | 11.14 | ng | 98     |
| 18) Hexachloroethane           | 7.51 | 117 | 68224  | 12.02 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 129301 | 11.85 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 182362 | 12.67 | ng | 94     |
| 22) Acetophenone               | 7.39 | 105 | 264307 | 11.90 | ng | # 95   |
| 24) Nitrobenzene               | 7.56 | 77  | 195763 | 12.97 | ng | 97     |
| 25) Isophorone                 | 7.80 | 82  | 341581 | 11.07 | ng | 97     |
| 26) 2-Nitrophenol              | 7.88 | 139 | 64552  | 11.38 | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 7.92 | 122 | 153772 | 10.53 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 8.02 | 93  | 177531 | 9.80  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.12 | 162 | 127014 | 10.20 | ng | 89     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 150503 | 10.72 | ng | 97     |
| 31) Naphthalene                | 8.30 | 128 | 513750 | 12.04 | ng | 98     |
| 32) Benzoic acid               | 7.99 | 122 | 8777   | 0.95  | ng | 98     |
| 33) 4-Chloroaniline            | 8.34 | 127 | 187016 | 10.17 | ng | # 87   |
| 34) Hexachlorobutadiene        | 8.41 | 225 | 77349  | 9.11  | ng | 99     |
| 35) Caprolactam                | 8.67 | 113 | 33361  | 8.89  | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 147833 | 11.11 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.98 | 142 | 286243 | 10.30 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.15 | 216 | 149305 | 10.56 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.14 | 237 | 74957  | 9.75  | ng | 97     |

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

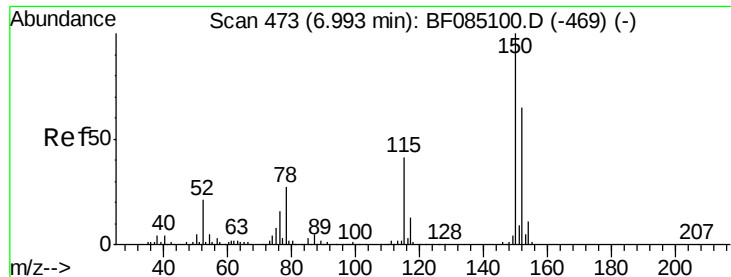
Instrument :  
 BNA\_F  
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Quant Time: Mar 02 00:44:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030116.M  
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 QLast Update : Wed Mar 02 00:39:55 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.26  | 196  | 90125    | 9.97  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 83987    | 9.48  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.45  | 154  | 432824   | 11.99 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.47  | 162  | 303138   | 11.41 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 75200    | 11.08 | ng    | 91       |
| 48) Acenaphthylene             | 9.88  | 152  | 446415   | 10.44 | ng    | 96       |
| 49) Dimethylphthalate          | 9.75  | 163  | 318753   | 10.34 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 70211    | 10.77 | ng    | 90       |
| 51) Acenaphthene               | 10.06 | 154  | 267907   | 10.14 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 68675    | 8.97  | ng    | # 74     |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 3707     | 2.12  | ng    | # 1      |
| 54) Dibenzofuran               | 10.23 | 168  | 362901   | 10.32 | ng    | 100      |
| 55) 4-Nitrophenol              | 10.11 | 139  | 50847    | 8.38  | ng    | # 76     |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 84863    | 10.59 | ng    | # 80     |
| 57) Fluorene                   | 10.57 | 166  | 306873   | 10.61 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.34 | 232  | 62776    | 8.70  | ng    | 96       |
| 59) Diethylphthalate           | 10.44 | 149  | 327239   | 10.24 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.57 | 204  | 157720   | 10.65 | ng    | # 88     |
| 61) 4-Nitroaniline             | 10.57 | 138  | 59980    | 8.28  | ng    | 76       |
| 62) Azobenzene                 | 10.72 | 77   | 295543   | 9.60  | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 13980    | 4.02  | ng    | # 48     |
| 65) n-Nitrosodiphenylamine     | 10.68 | 169  | 264996   | 11.39 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 11.06 | 248  | 85545    | 10.04 | ng    | # 81     |
| 67) Hexachlorobenzene          | 11.12 | 284  | 89658    | 9.93  | ng    | # 78     |
| 68) Atrazine                   | 11.20 | 200  | 74808    | 11.09 | ng    | 98       |
| 69) Pentachlorophenol          | 11.31 | 266  | 45202    | 8.30  | ng    | 98       |
| 70) Phenanthrene               | 11.53 | 178  | 447397   | 12.08 | ng    | 97       |
| 71) Anthracene                 | 11.59 | 178  | 486633   | 12.94 | ng    | 97       |
| 72) Carbazole                  | 11.74 | 167  | 418389   | 12.28 | ng    | 97       |
| 73) Di-n-butylphthalate        | 12.07 | 149  | 464911   | 11.82 | ng    | # 99     |
| 74) Fluoranthene               | 12.72 | 202  | 459210   | 11.45 | ng    | 99       |
| 76) Benzidine                  | 12.85 | 184  | 207596   | 10.74 | ng    | 98       |
| 77) Pyrene                     | 12.95 | 202  | 479137   | 11.86 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 163453   | 10.09 | ng    | # 71     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 402395   | 10.87 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 120050   | 8.93  | ng    | # 95     |
| 82) Chrysene                   | 14.17 | 228  | 375409   | 11.03 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.13 | 149  | 217583   | 10.09 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 256568   | 7.46  | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.10 | 276  | 248571   | 7.55  | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.19 | 252  | 302761   | 9.49  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.19 | 252  | 302761   | 11.89 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 15.55 | 252  | 271807   | 10.06 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.11 | 278  | 208599   | 8.83  | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.54 | 276  | 212404   | 9.09  | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

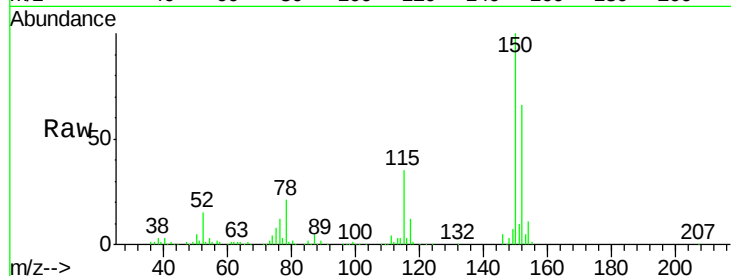
Tgt Ion:152 Resp: 217856

Ion Ratio Lower Upper

152 100

150 152.4 123.4 185.0

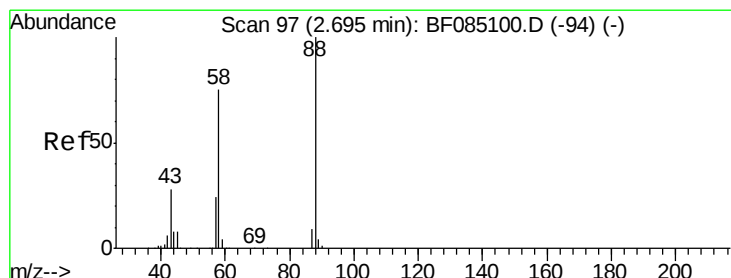
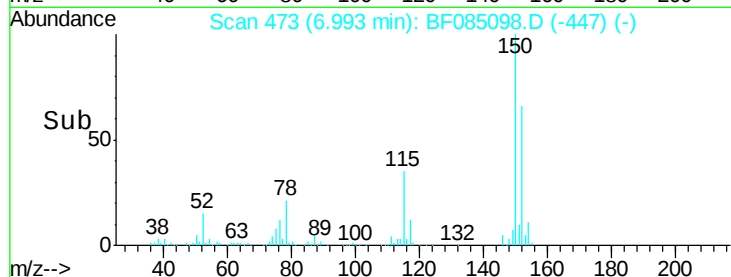
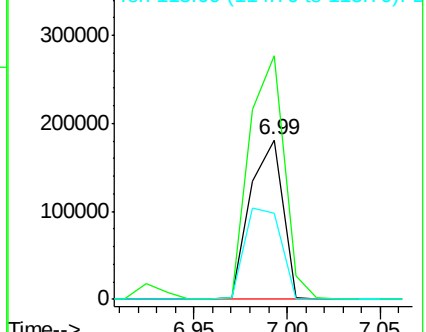
115 54.0 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.70 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

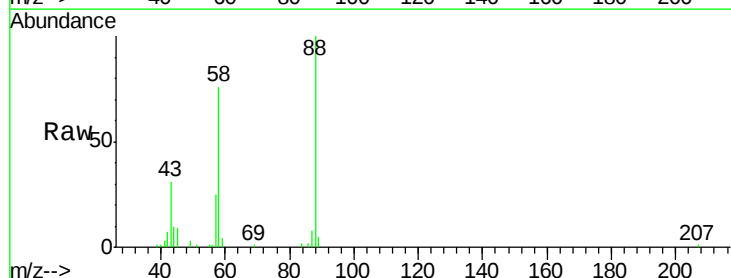
Tgt Ion: 88 Resp: 69850

Ion Ratio Lower Upper

88 100

58 71.5 58.4 87.6

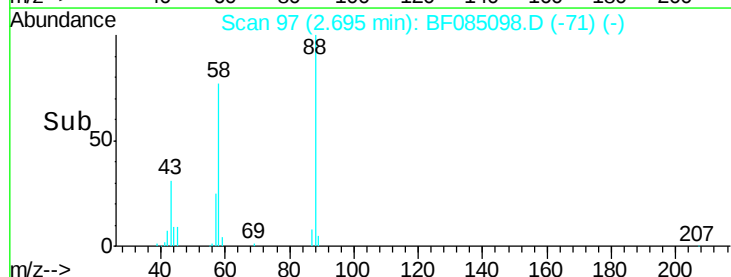
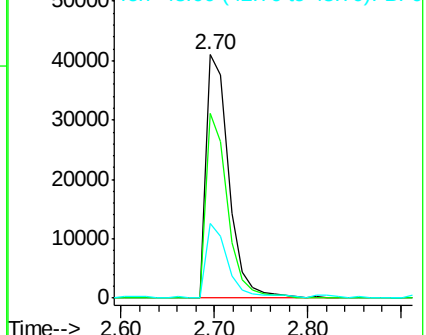
43 30.2 22.2 33.4

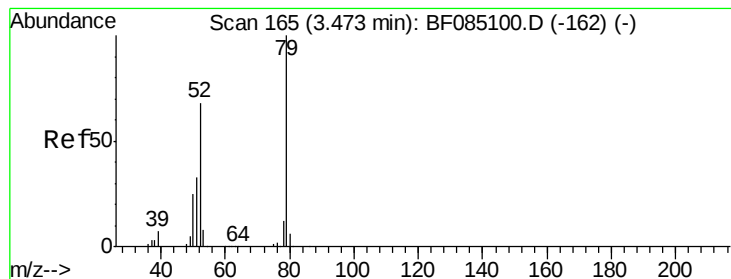


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.54 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

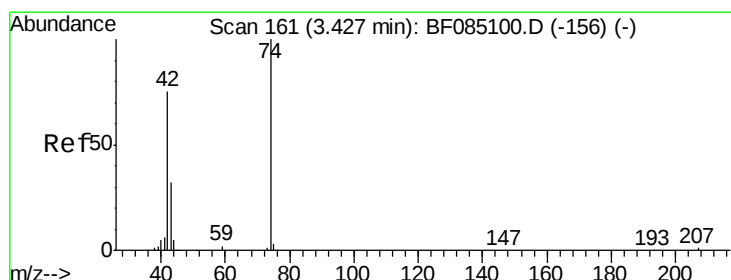
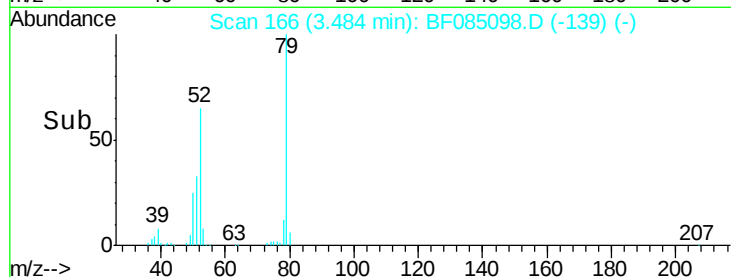
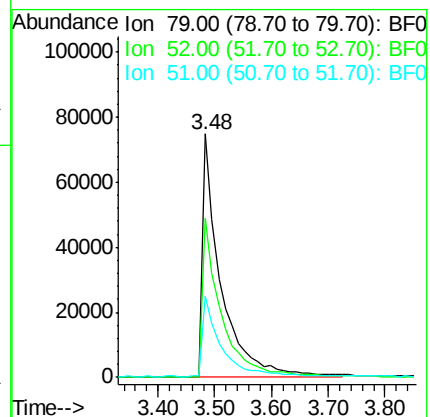
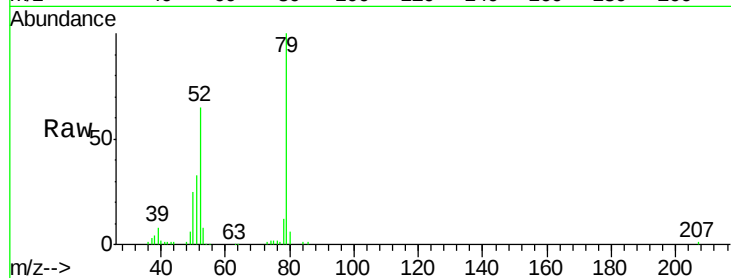
Tgt Ion: 79 Resp: 165315

Ion Ratio Lower Upper

79 100

52 65.4 54.1 81.1

51 33.3 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 10.81 ng

RT: 3.40 min Scan# 159

Delta R.T. -0.02 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

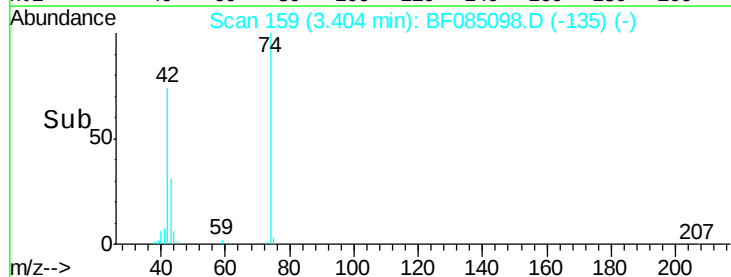
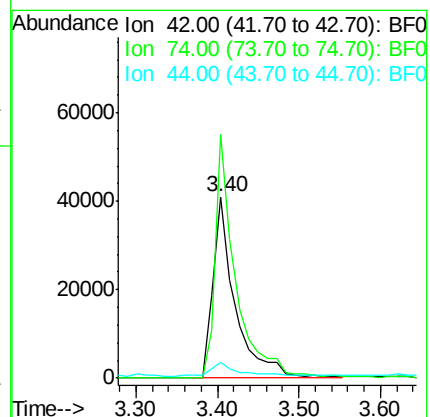
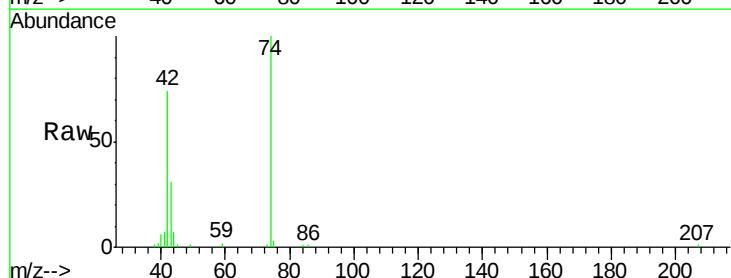
Tgt Ion: 42 Resp: 79174

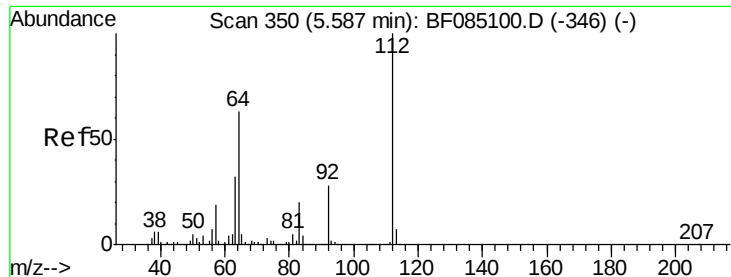
Ion Ratio Lower Upper

42 100

74 134.5 106.6 160.0

44 8.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 23.45 ng

RT: 5.58 min Scan# 349

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

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ClientSampleId :

SSTDIC010

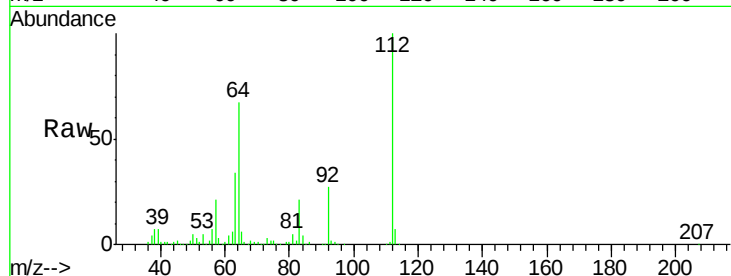
Tgt Ion: 112 Resp: 291690

Ion Ratio Lower Upper

112 100

64 67.3 50.6 76.0

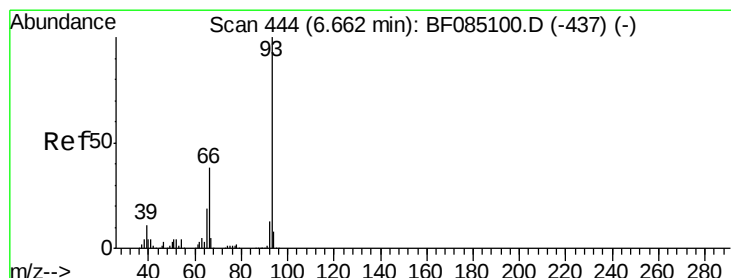
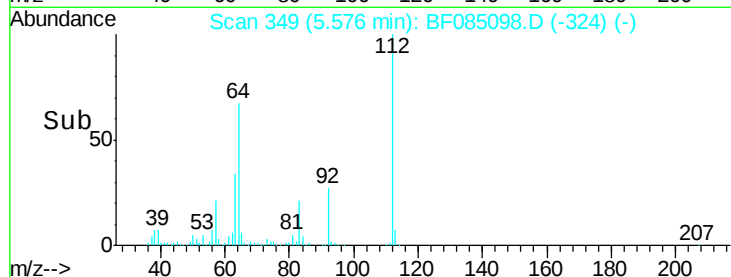
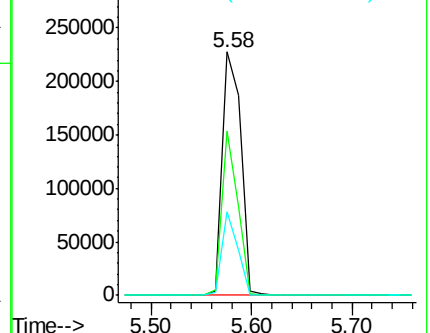
63 34.4 25.5 38.3



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: 11.45 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

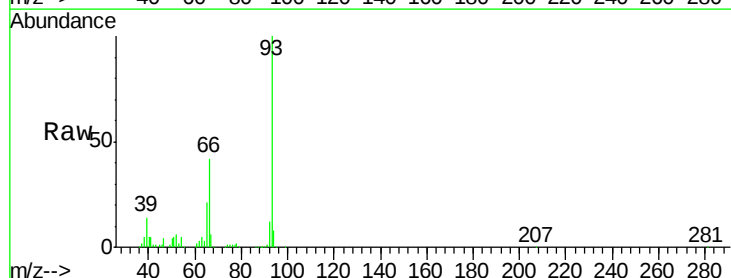
Tgt Ion: 93 Resp: 253032

Ion Ratio Lower Upper

93 100

66 41.5 30.1 45.1

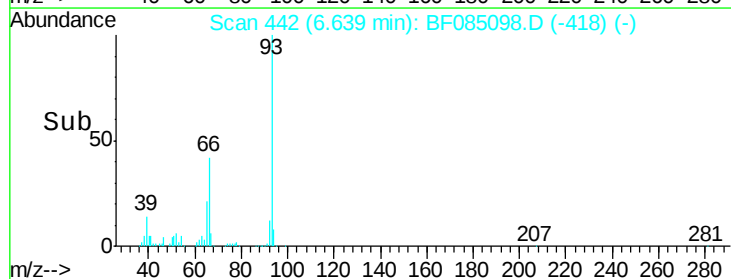
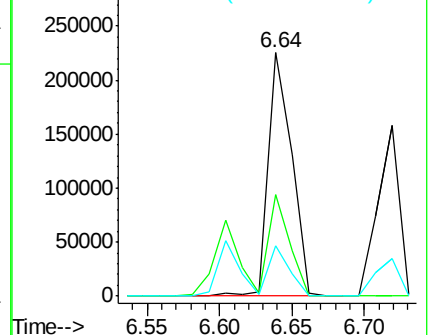
65 20.7 15.0 22.6

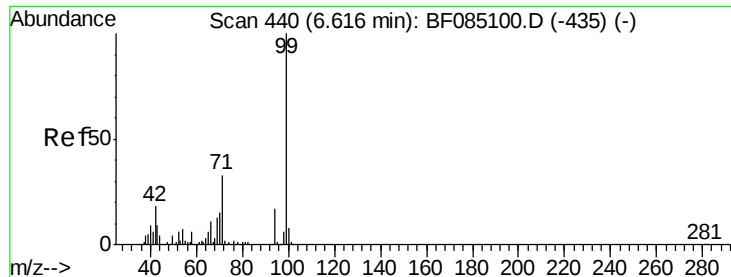


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.42 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

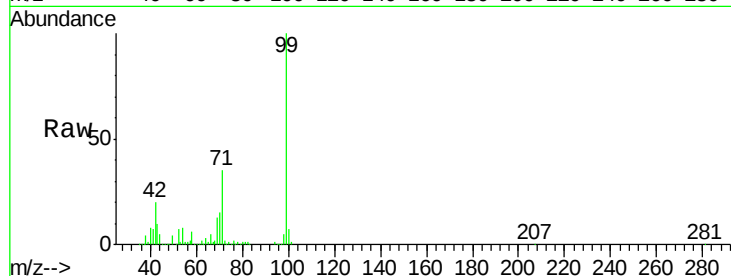
Tgt Ion: 99 Resp: 367793

Ion Ratio Lower Upper

99 100

42 19.8 14.1 21.1

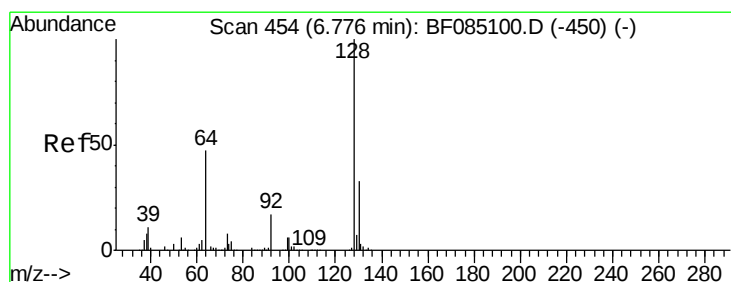
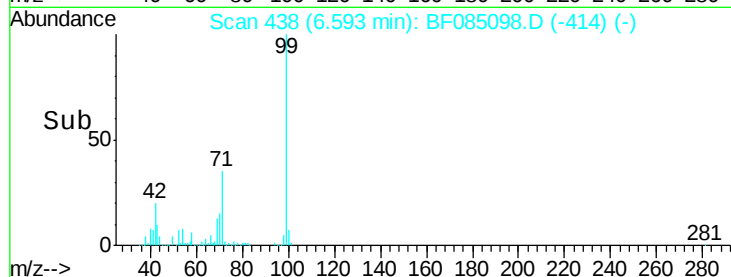
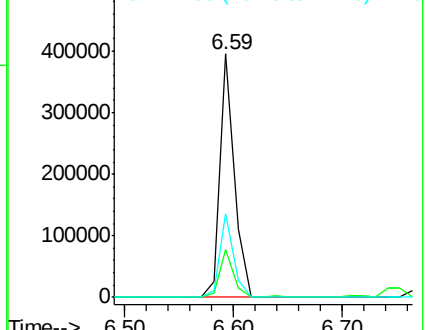
71 34.5 26.8 40.2



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: 12.07 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

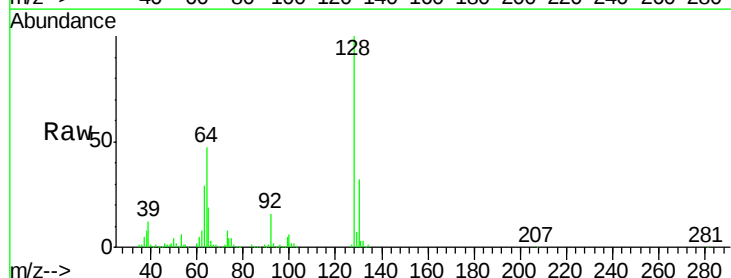
Tgt Ion: 128 Resp: 174364

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

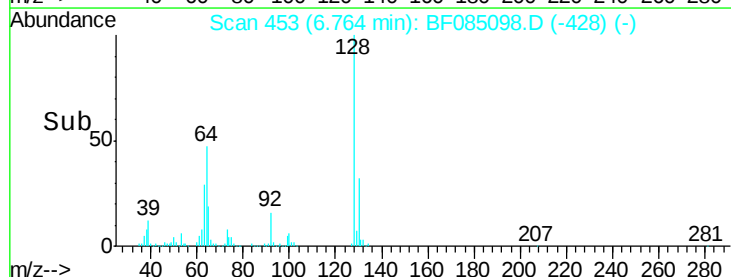
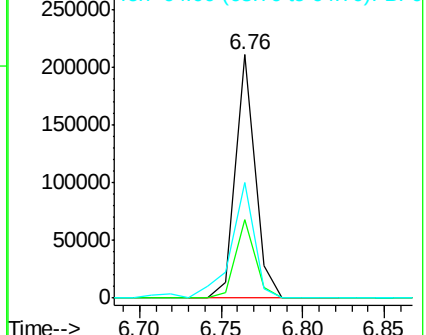
64 47.5 29.6 69.6

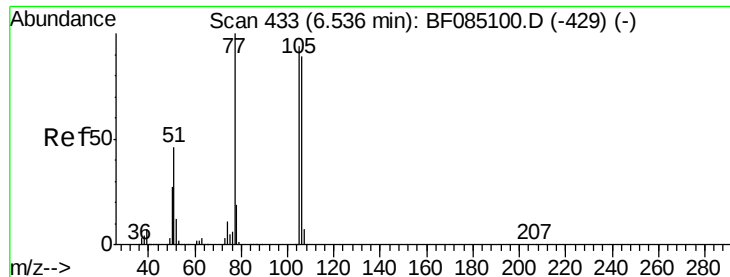


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.90 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.00 min

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Acq: 1 Mar 2016 18:35

Instrument :

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ClientSampleId :

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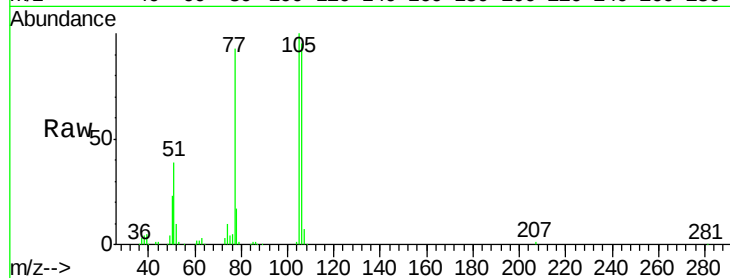
Tgt Ion: 77 Resp: 116571

Ion Ratio Lower Upper

77 100

105 107.4 73.7 113.7

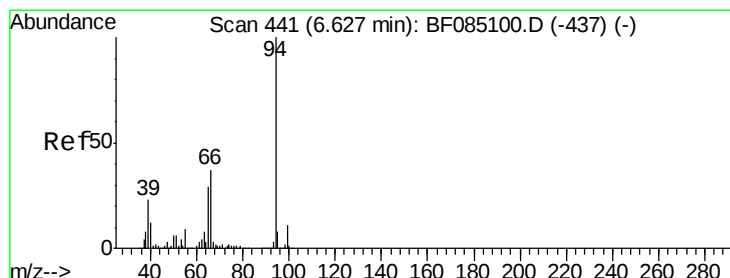
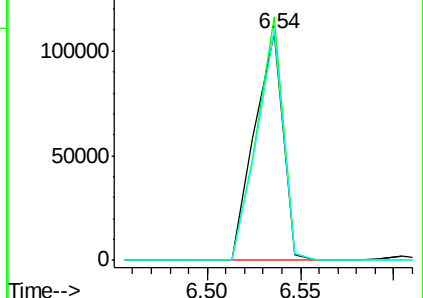
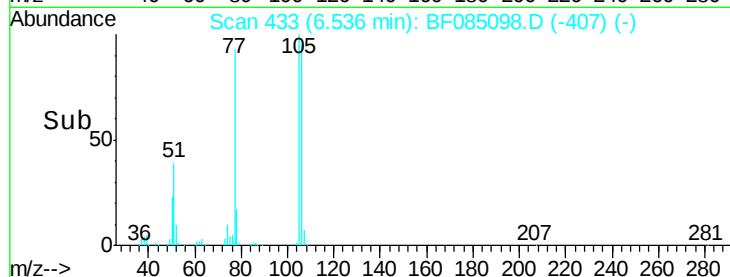
106 102.0 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.11 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

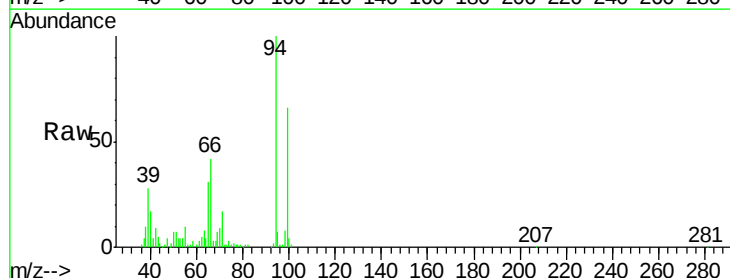
Tgt Ion: 94 Resp: 203882

Ion Ratio Lower Upper

94 100

65 30.5 9.1 49.1

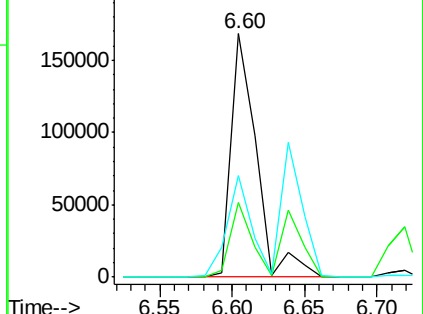
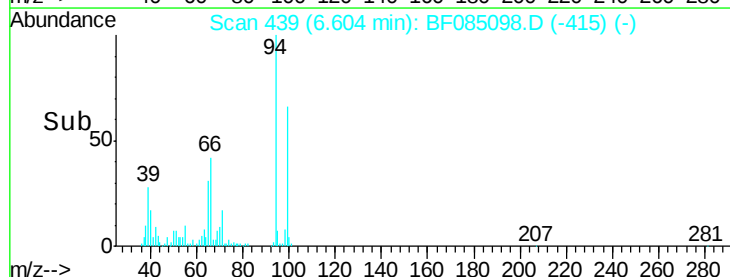
66 41.8 17.5 57.5

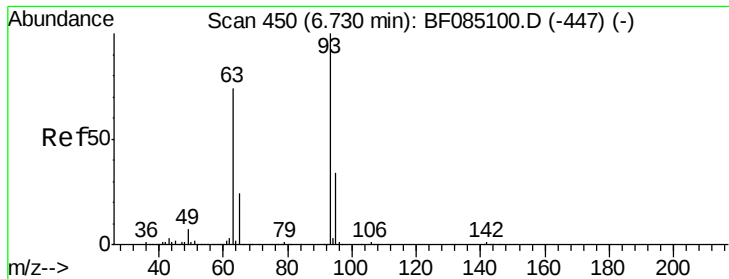


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

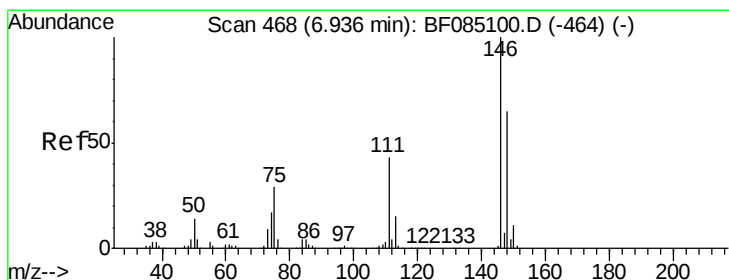
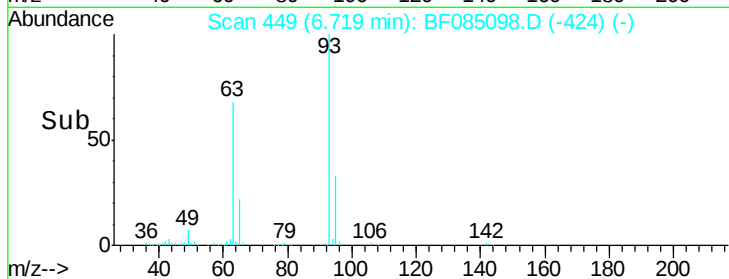
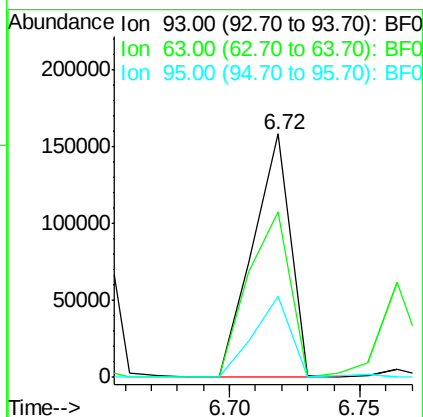
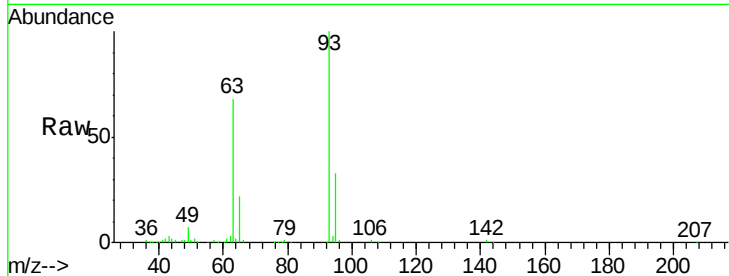




#11  
 bis(2-Chloroethyl)ether  
 Concen: 11.06 ng  
 RT: 6.72 min Scan# 449  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

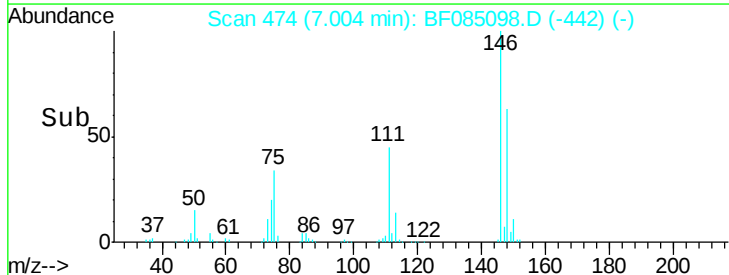
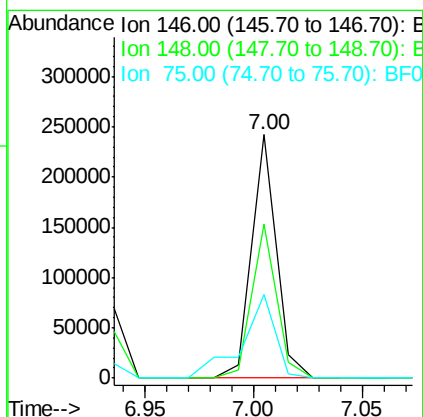
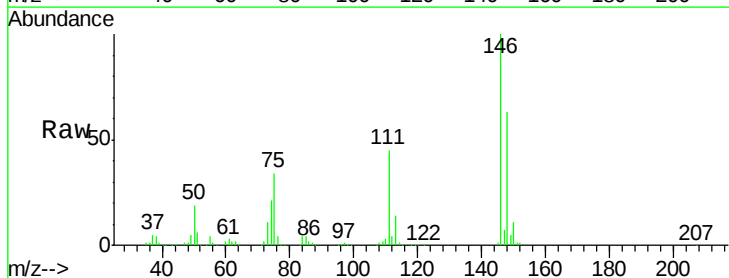
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

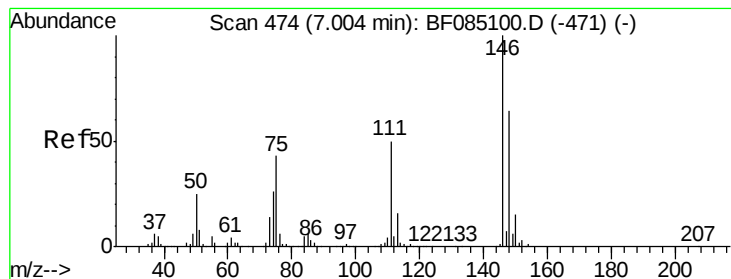
Tgt Ion: 93 Resp: 159319  
 Ion Ratio Lower Upper  
 93 100  
 63 67.8 53.9 93.9  
 95 33.4 13.8 53.8



#12  
 1,3-Dichlorobenzene  
 Concen: 12.19 ng  
 RT: 7.00 min Scan# 474  
 Delta R.T. 0.07 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Tgt Ion: 146 Resp: 190926  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 51.9 77.9  
 75 34.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 12.22 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

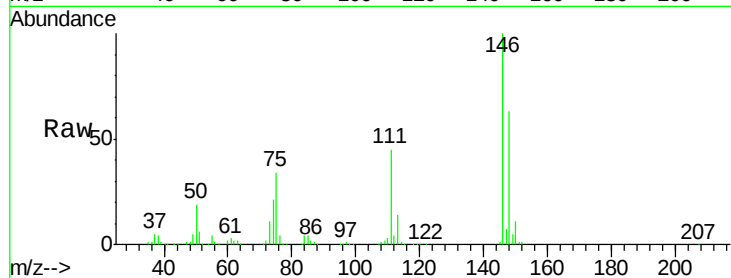
Tgt Ion:146 Resp: 190926

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

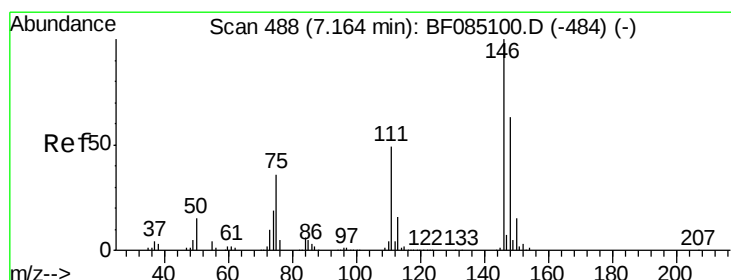
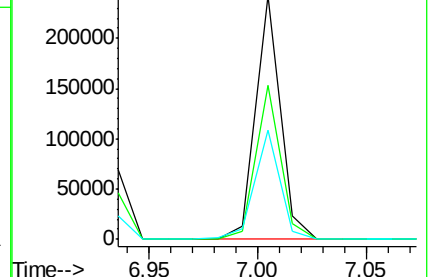
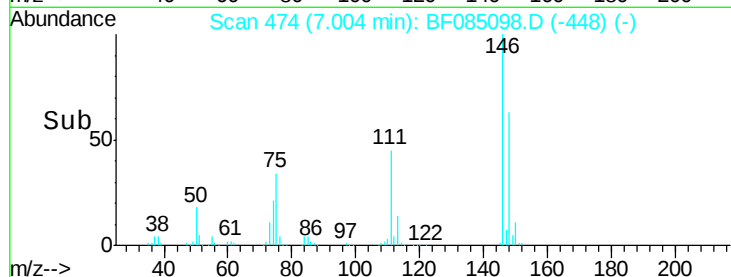
111 44.9 40.0 60.0



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



#14

1,2-Dichlorobenzene

Concen: 11.07 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

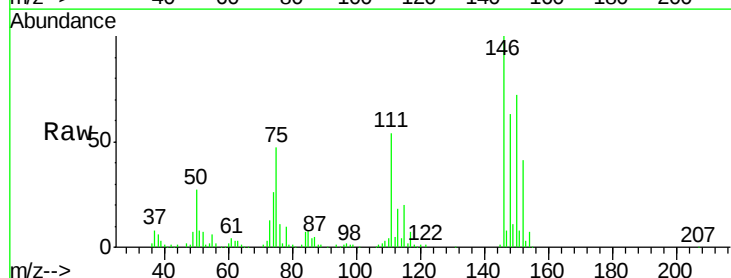
Tgt Ion:146 Resp: 162521

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

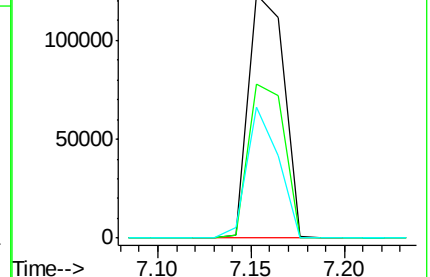
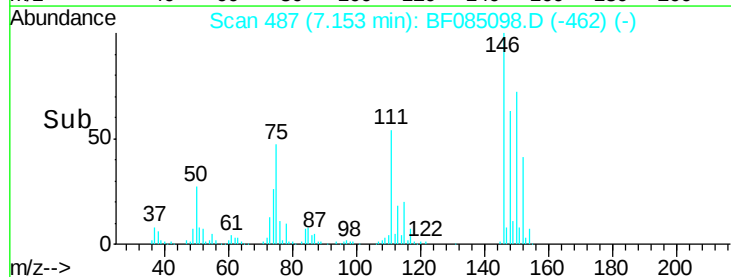
111 53.8 38.9 58.3

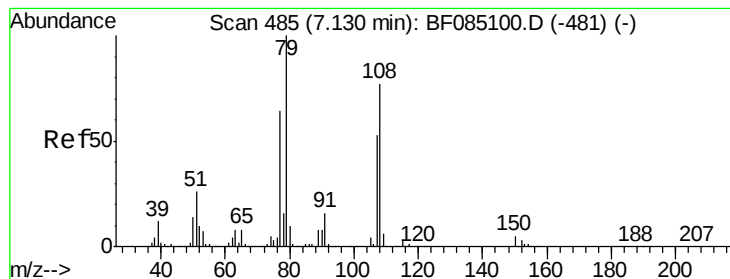


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 12.11 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

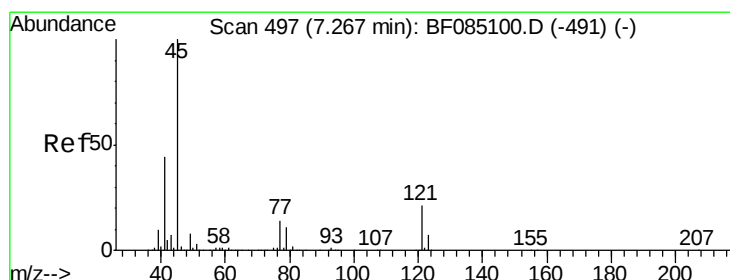
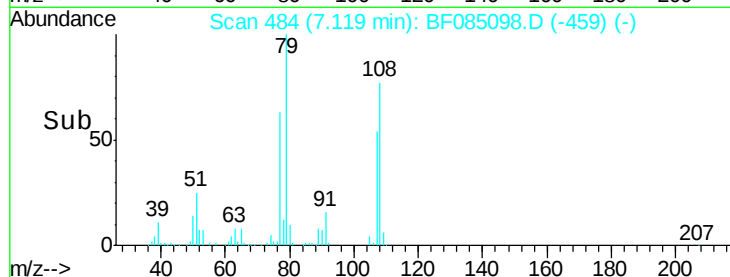
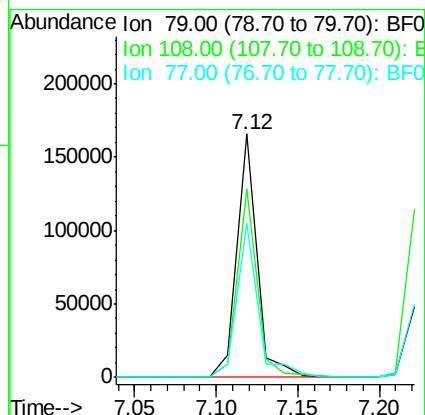
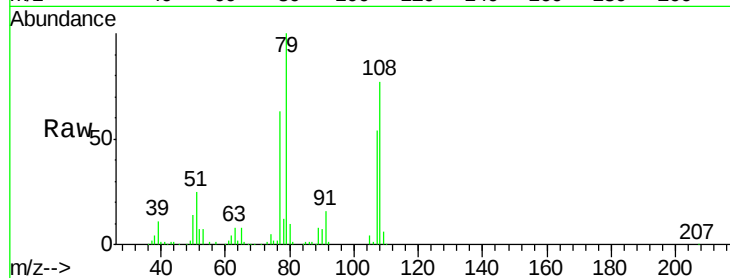
Tgt Ion: 79 Resp: 140677

Ion Ratio Lower Upper

79 100

108 77.5 61.8 92.6

77 63.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.62 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

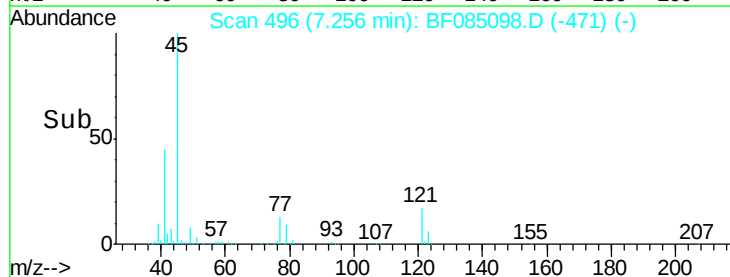
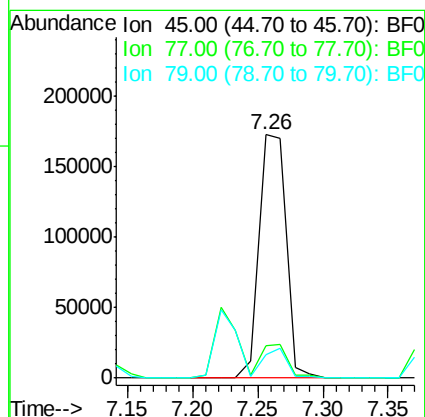
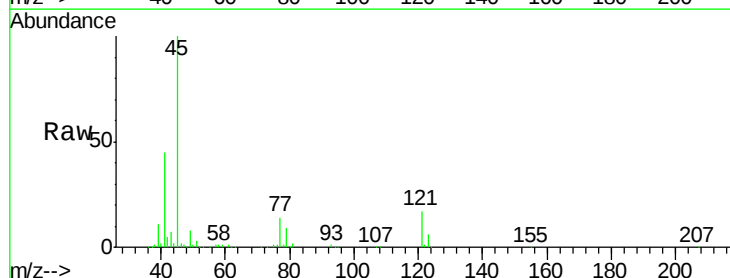
Tgt Ion: 45 Resp: 250491

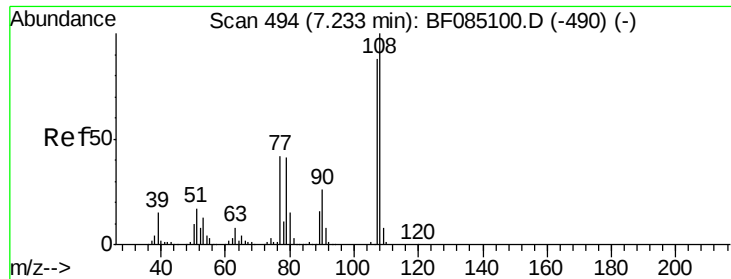
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.4

79 9.4 0.0 31.1

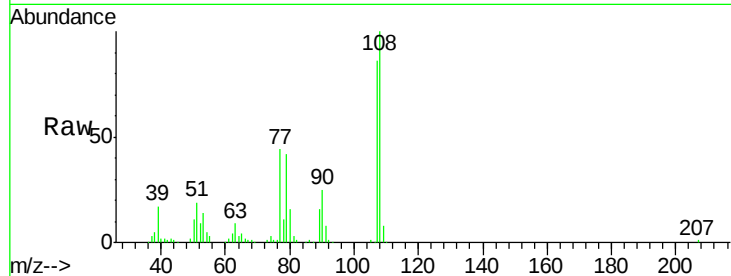




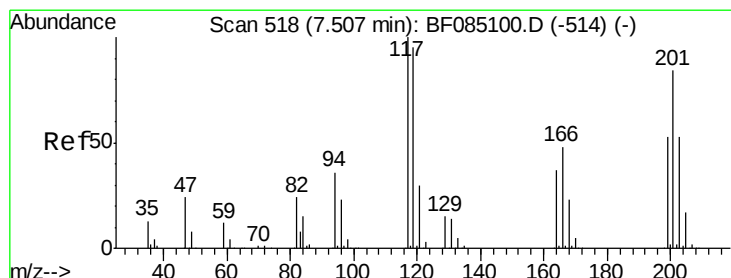
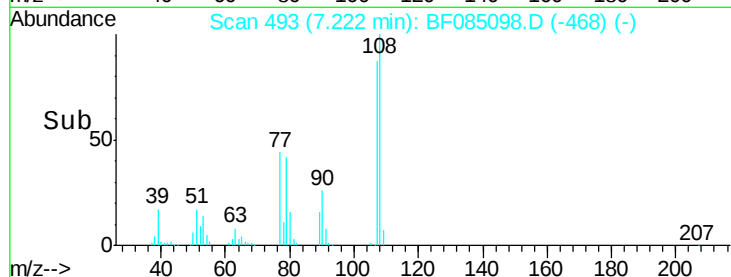
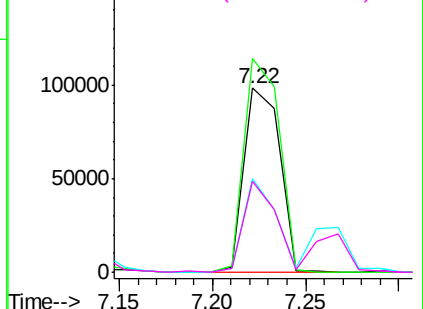
#17  
2-Methylphenol  
Concen: 11.14 ng  
RT: 7.22 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:107 Resp: 130666  
Ion Ratio Lower Upper  
107 100  
108 115.9 91.4 137.2  
77 51.0 38.7 58.1  
79 49.1 37.8 56.6

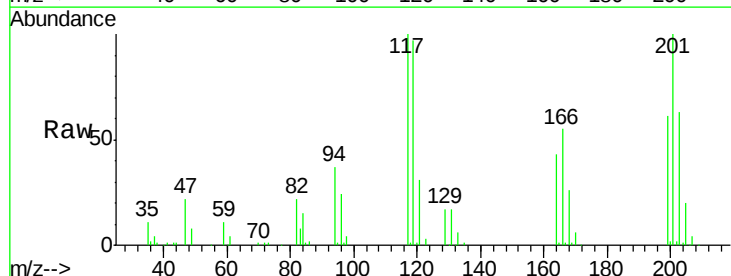


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

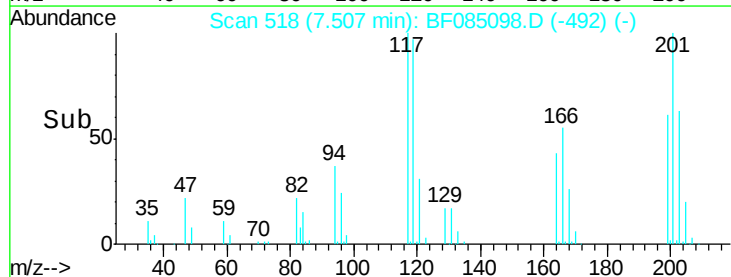
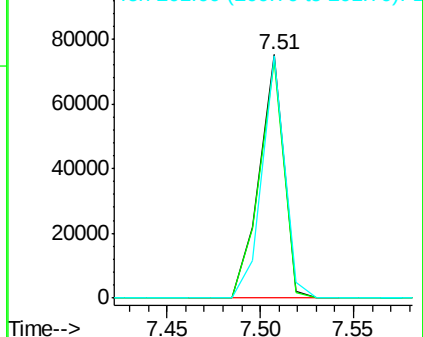


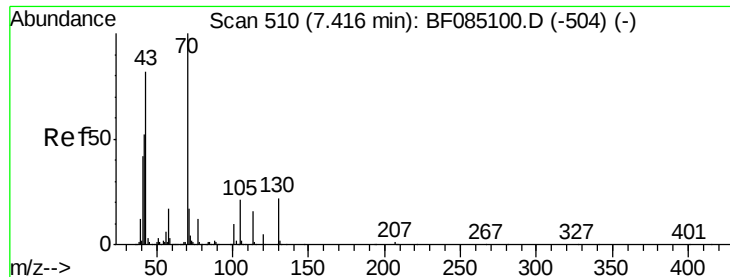
#18  
Hexachloroethane  
Concen: 12.02 ng  
RT: 7.51 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:117 Resp: 68224  
Ion Ratio Lower Upper  
117 100  
119 97.3 76.2 114.4  
201 99.7 66.8 100.2



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

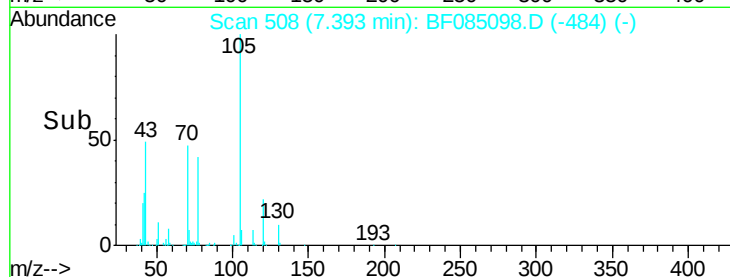
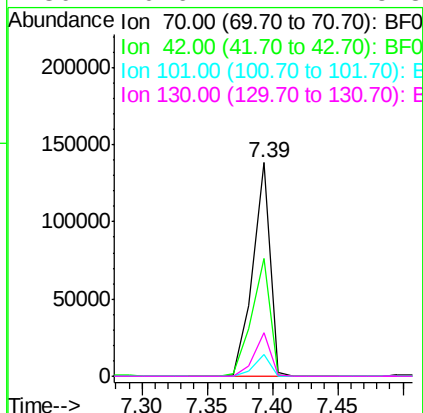
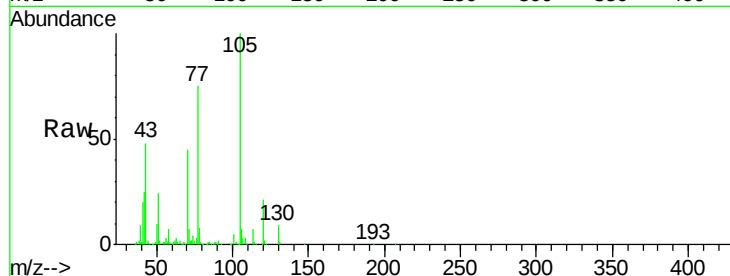




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.85 ng  
RT: 7.39 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

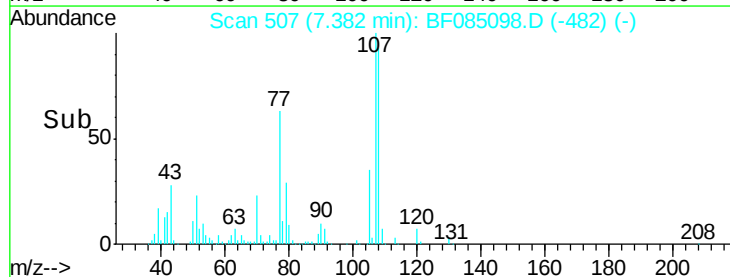
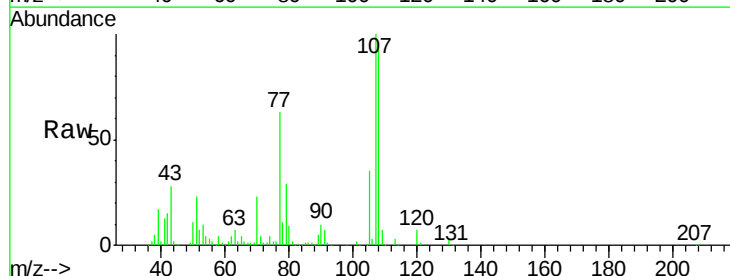
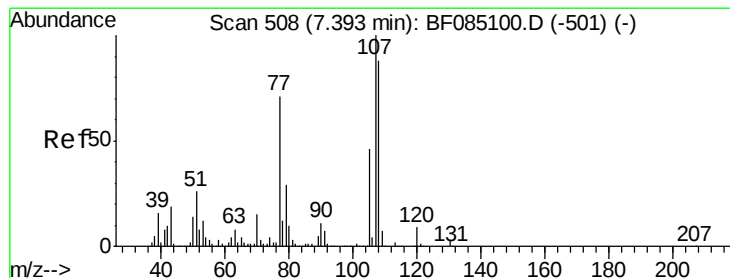
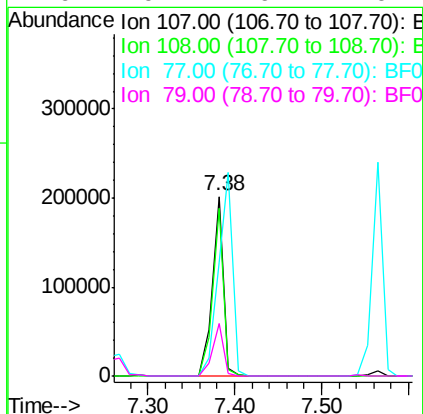
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

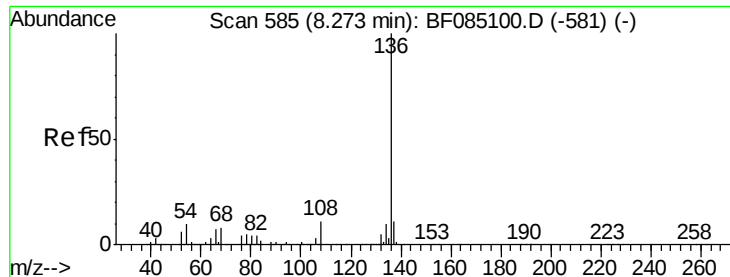
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 129301 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.0  | 41.9  | 62.9   |
| 101      | 10.0  | 7.8   | 11.8   |
| 130      | 20.6  | 17.2  | 25.8   |



#20  
3+4-Methylphenols  
Concen: 12.67 ng  
RT: 7.38 min Scan# 507  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 182362 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.2  | 67.8  | 107.8  |
| 77       | 63.5  | 50.6  | 90.6   |
| 79       | 29.1  | 9.1   | 49.1   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tgt Ion:136 Resp: 891209

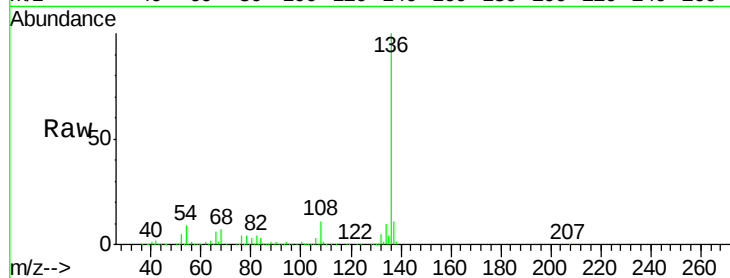
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.8 8.5 12.7

68 6.9 6.4 9.6

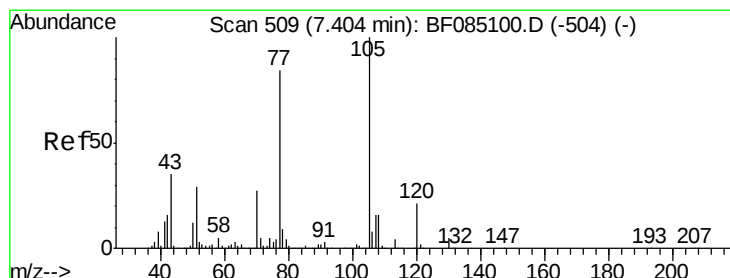
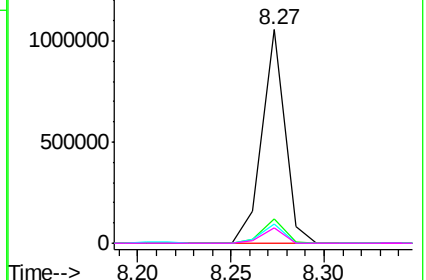
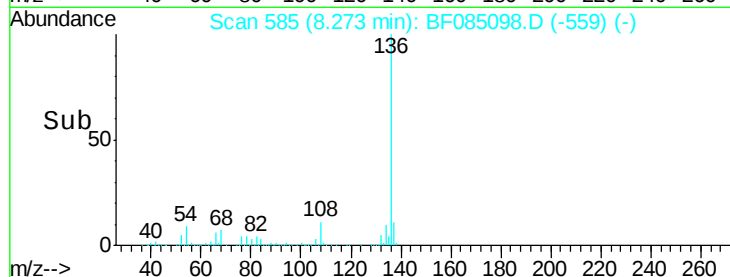


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 11.90 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Tgt Ion:105 Resp: 264307

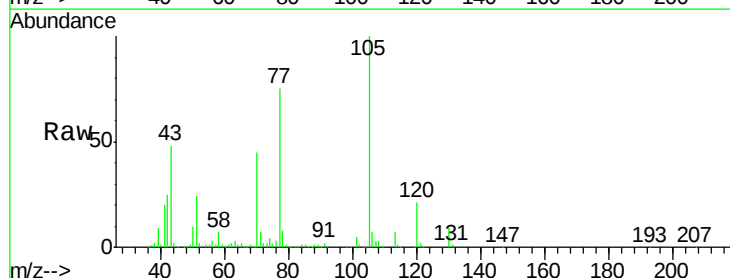
Ion Ratio Lower Upper

105 100

71 7.4 3.8 5.6#

51 24.1 22.9 34.3

120 21.3 16.9 25.3

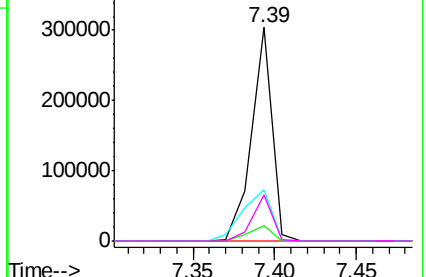
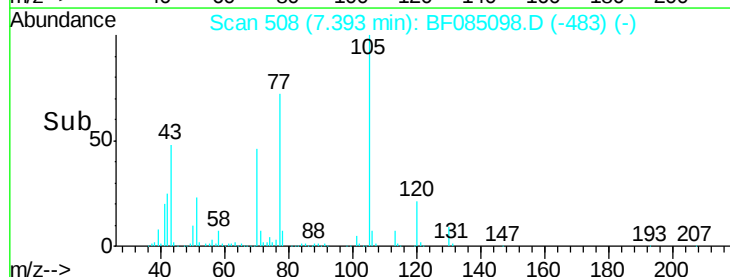


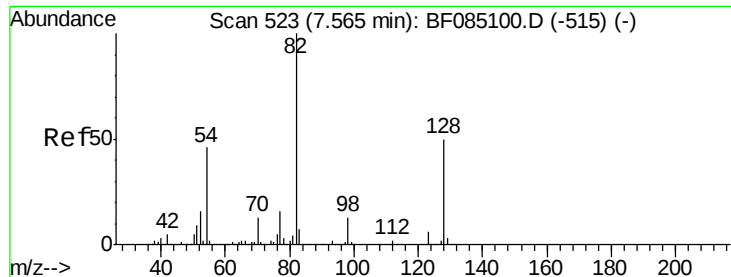
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

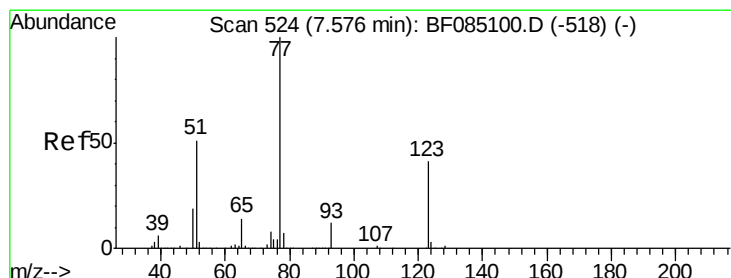
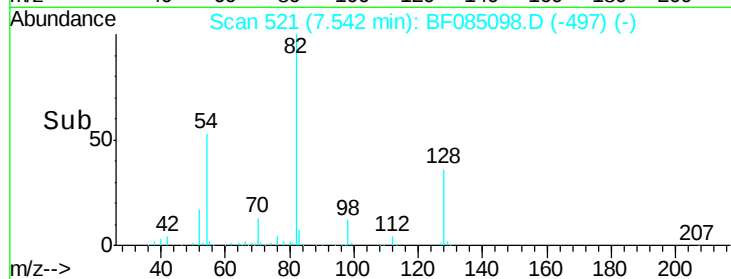
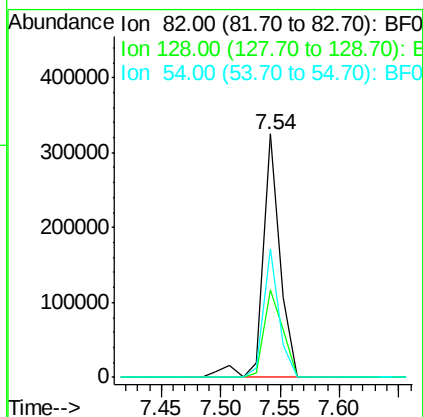
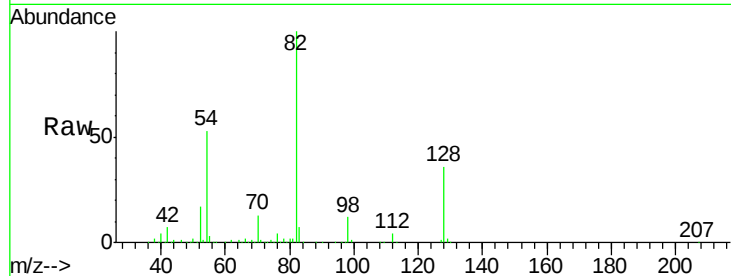




#23  
 Nitrobenzene-d5  
 Concen: 21.91 ng  
 RT: 7.54 min Scan# 521  
 Delta R.T. -0.02 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

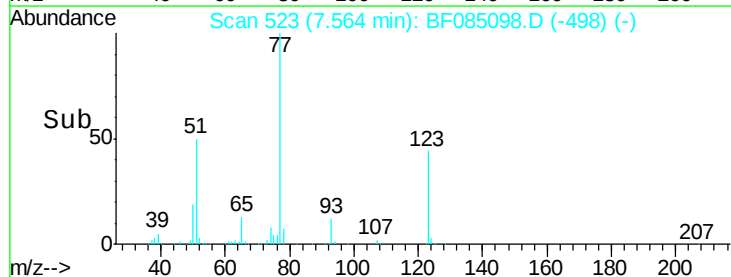
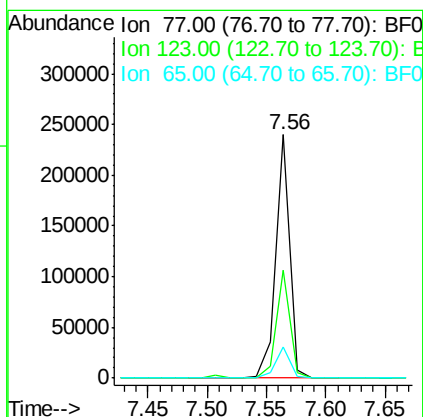
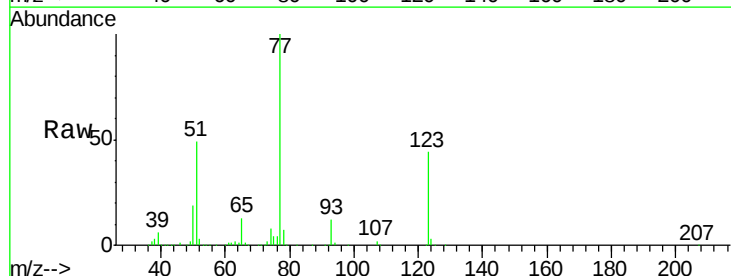
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

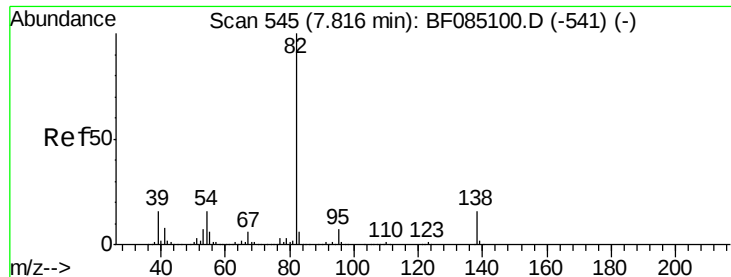
Tgt Ion: 82 Resp: 326622  
 Ion Ratio Lower Upper  
 82 100  
 128 36.0 39.8 59.6#  
 54 52.8 36.6 54.8



#24  
 Nitrobenzene  
 Concen: 12.97 ng  
 RT: 7.56 min Scan# 523  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Tgt Ion: 77 Resp: 195763  
 Ion Ratio Lower Upper  
 77 100  
 123 44.1 33.4 50.2  
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 11.07 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

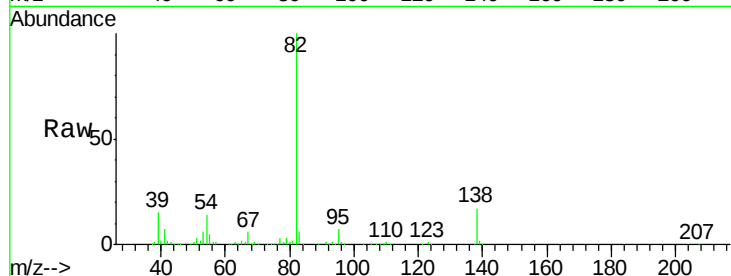
Tgt Ion: 82 Resp: 341581

Ion Ratio Lower Upper

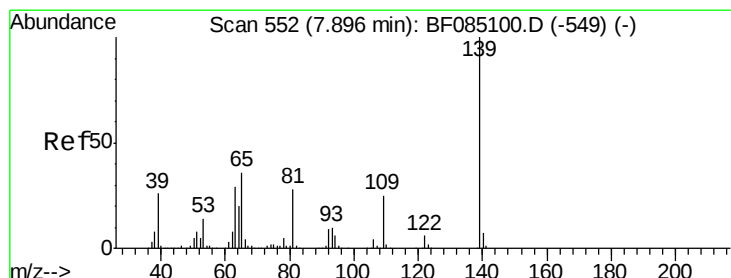
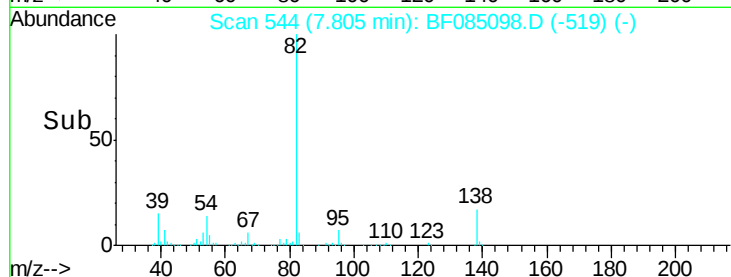
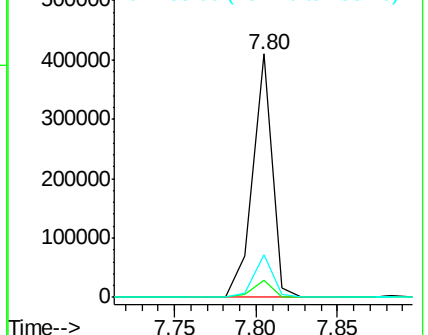
82 100

95 6.8 5.6 8.4

138 17.3 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 11.38 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

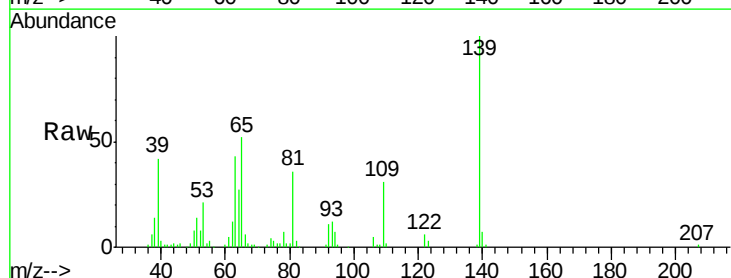
Tgt Ion: 139 Resp: 64552

Ion Ratio Lower Upper

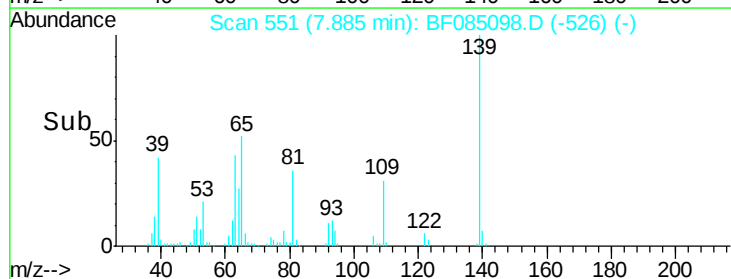
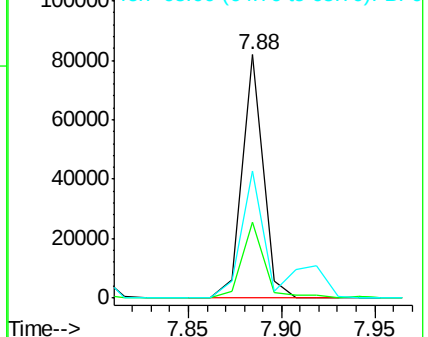
139 100

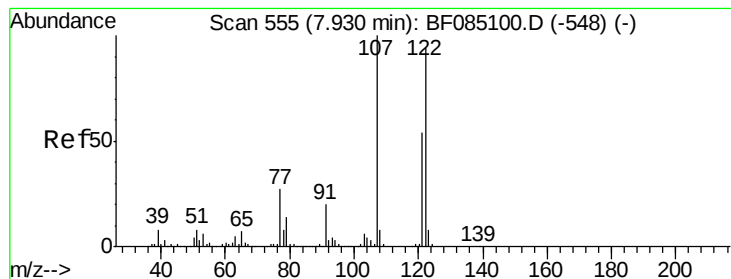
109 30.9 20.4 30.6#

65 52.0 29.2 43.8#



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

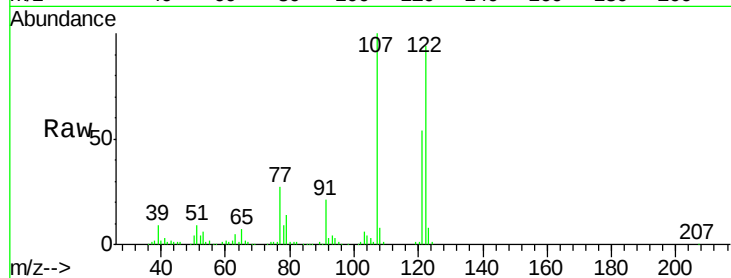




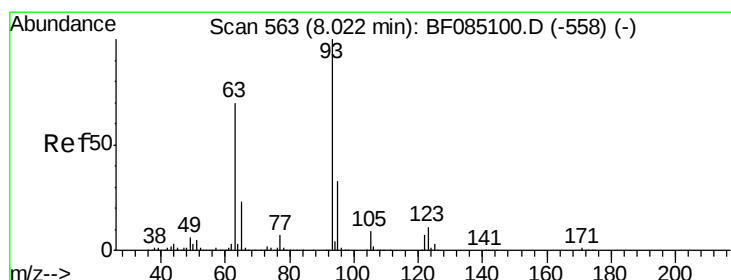
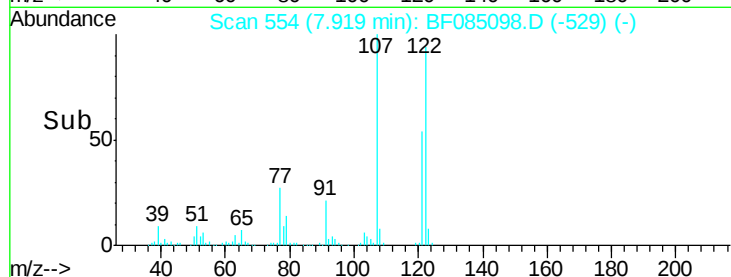
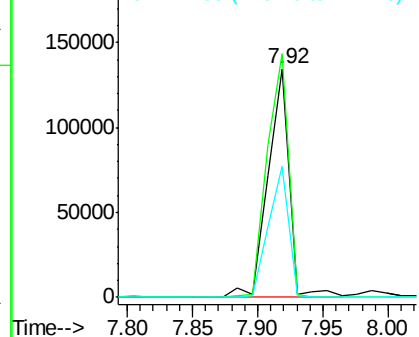
#27  
 2,4-Dimethylphenol  
 Concen: 10.53 ng  
 RT: 7.92 min Scan# 554  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.6 | 85.0  | 127.4 |
| 121     | 57.1  | 45.8  | 68.8  |

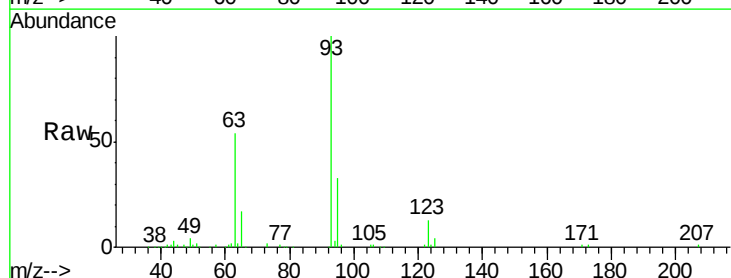


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

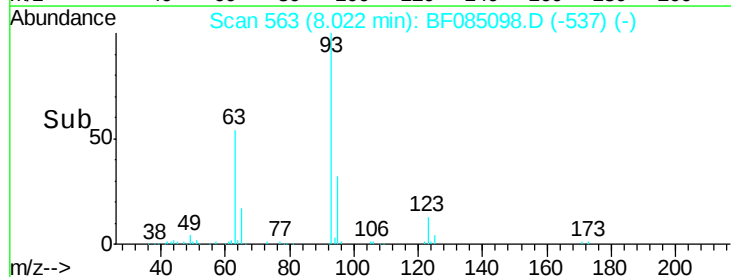
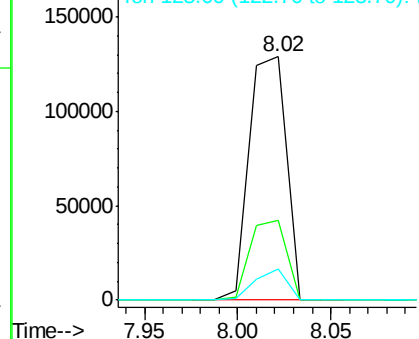


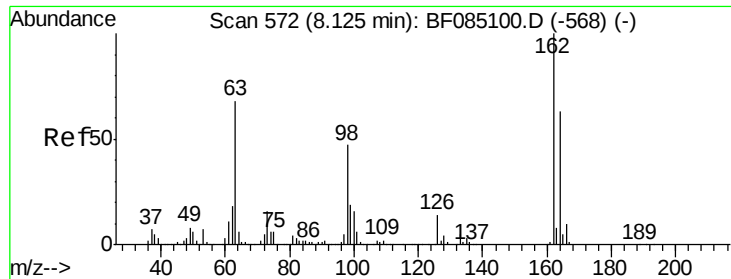
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 9.80 ng  
 RT: 8.02 min Scan# 563  
 Delta R.T. -0.00 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.2  | 39.4  |
| 123     | 12.5  | 8.8   | 13.2  |



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: 10.20 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

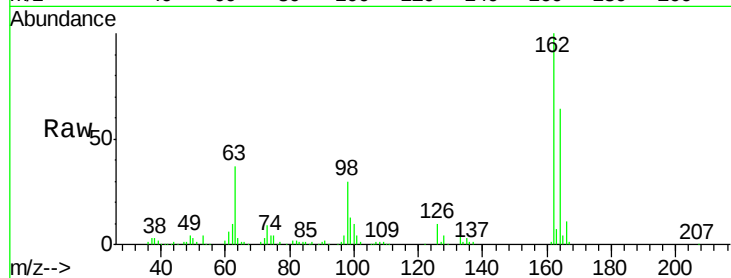
Tgt Ion:162 Resp: 127014

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

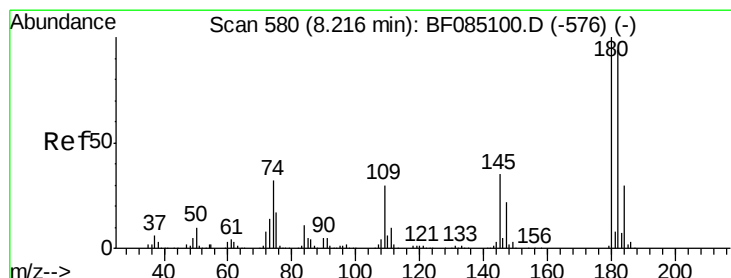
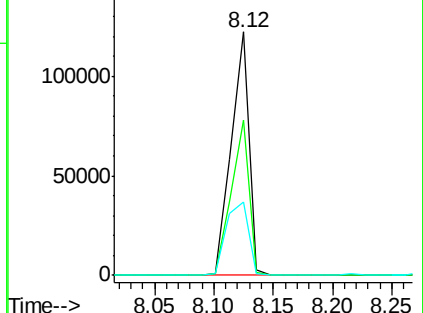
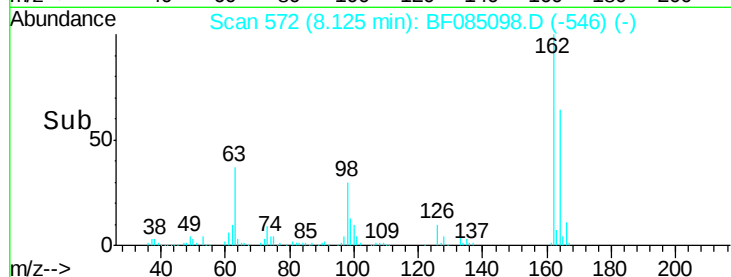
98 30.0 26.9 66.9



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: 10.72 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

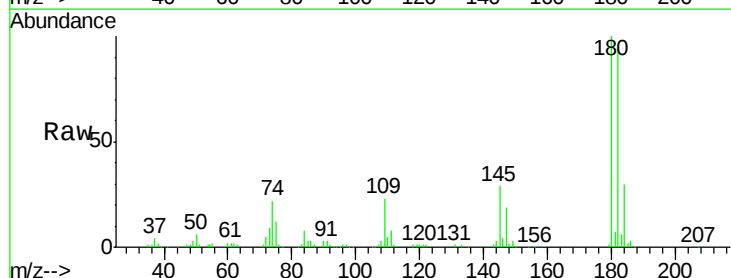
Tgt Ion:180 Resp: 150503

Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.0

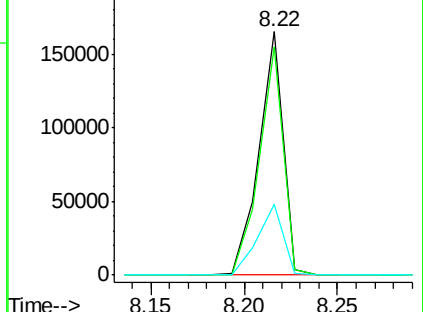
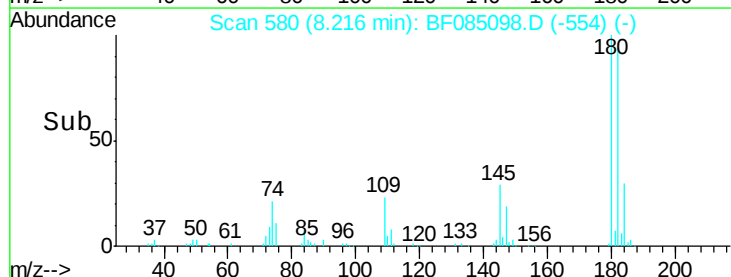
145 29.3 27.8 41.8

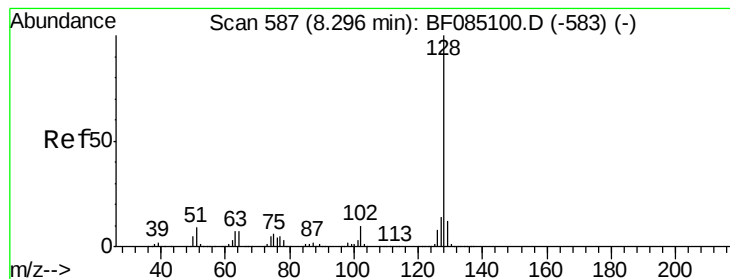


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 12.04 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

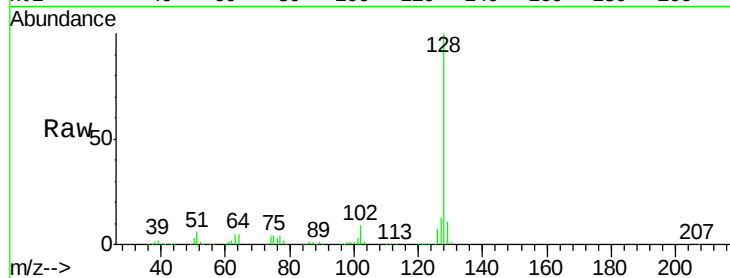
Tgt Ion:128 Resp: 513750

Ion Ratio Lower Upper

128 100

129 11.0 9.7 14.5

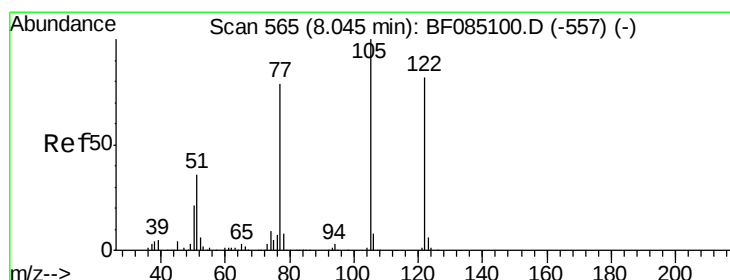
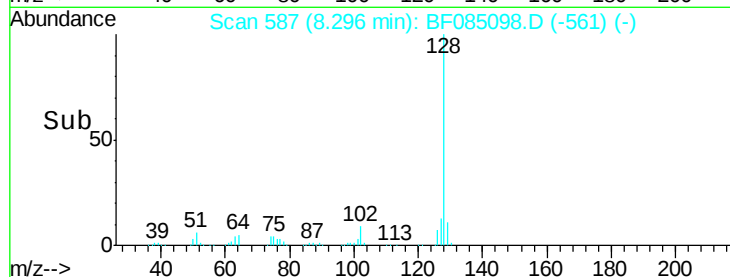
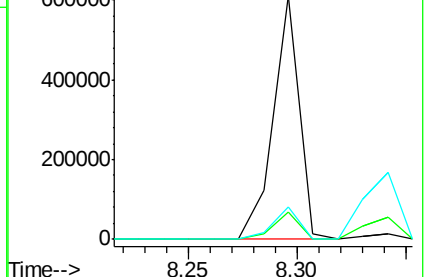
127 13.1 11.1 16.7



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: 0.95 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

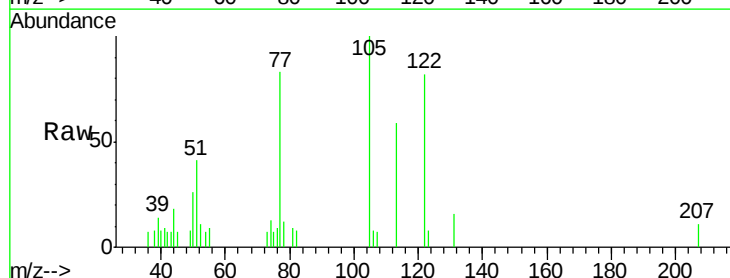
Tgt Ion:122 Resp: 8777

Ion Ratio Lower Upper

122 100

105 121.8 102.0 142.0

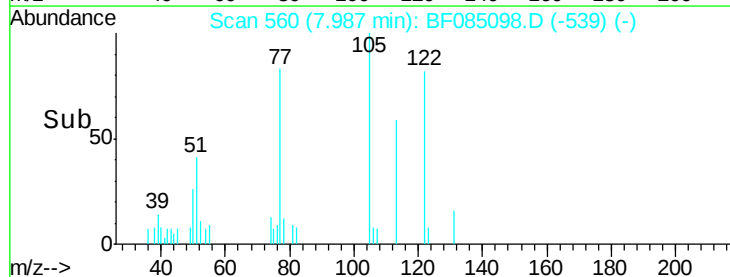
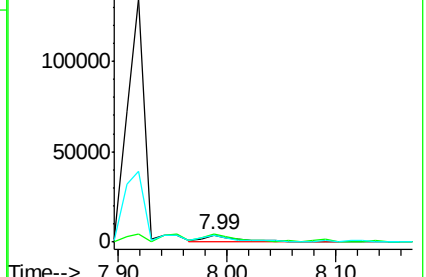
77 100.8 76.8 116.8

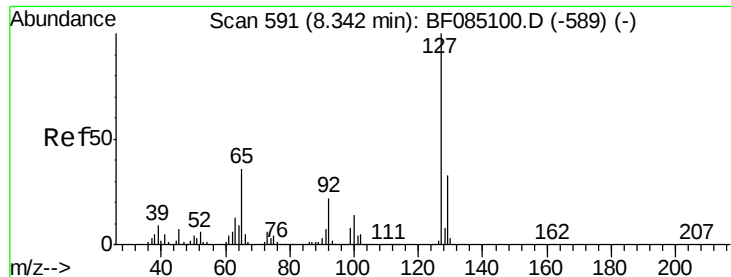


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

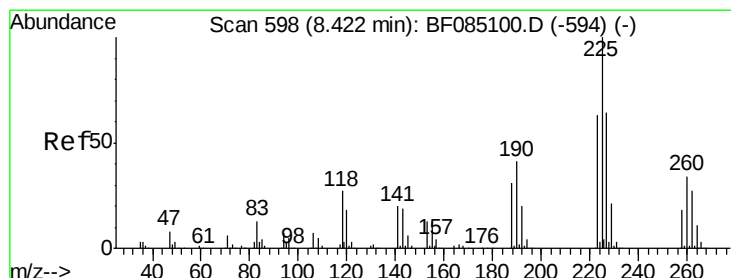
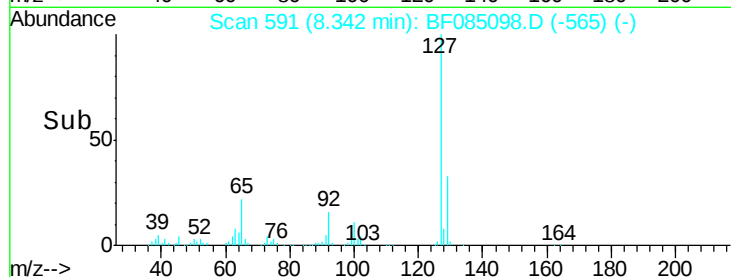
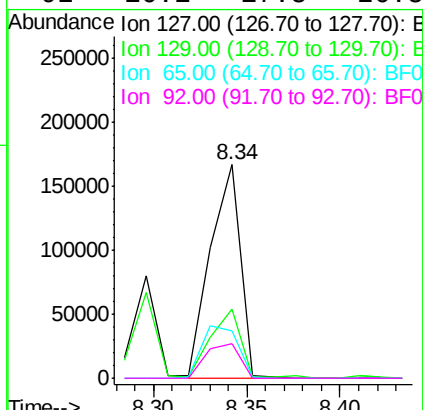
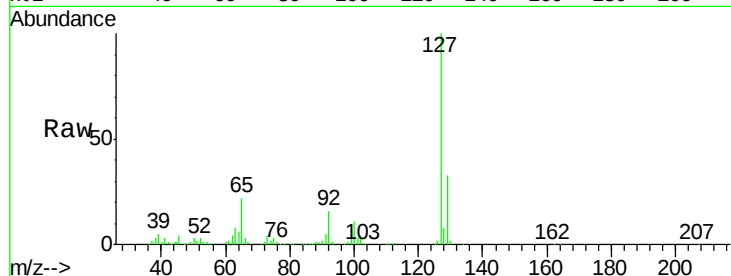




#33  
4-Chloroaniline  
Concen: 10.17 ng  
RT: 8.34 min Scan# 591  
Delta R.T. -0.00 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

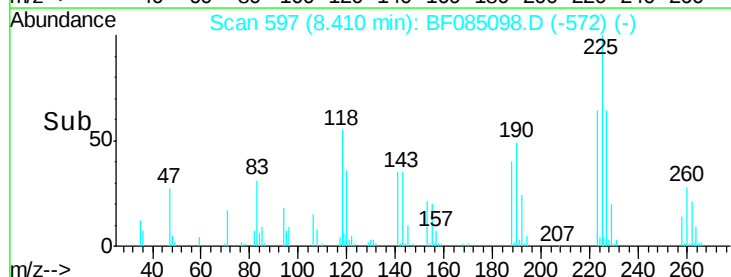
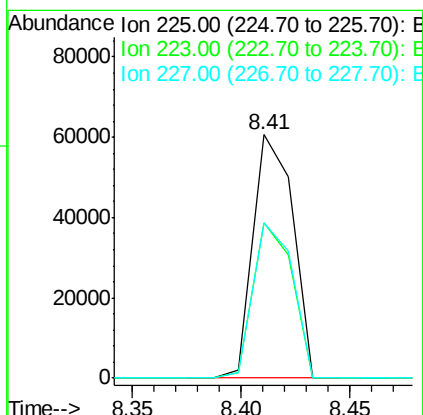
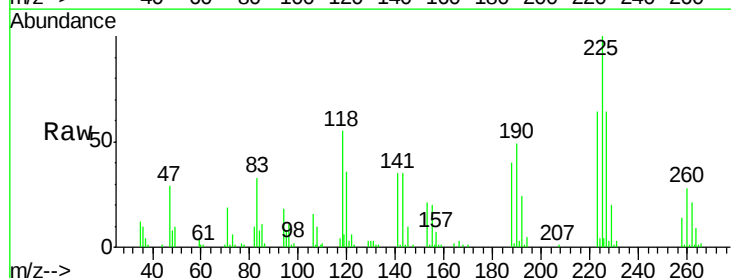
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

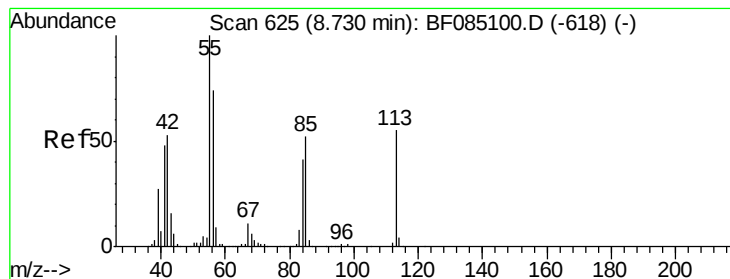
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.6  | 26.3  | 39.5  |
| 65      | 22.1  | 28.6  | 43.0  |
| 92      | 16.1  | 17.8  | 26.8  |



#34  
Hexachlorobutadiene  
Concen: 9.11 ng  
RT: 8.41 min Scan# 597  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 50.4  | 75.6  |
| 227     | 63.6  | 51.6  | 77.4  |





#35

Caprolactam

Concen: 8.89 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.06 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

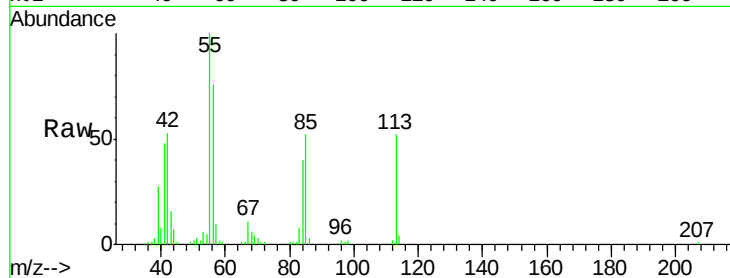
Tgt Ion:113 Resp: 33361

Ion Ratio Lower Upper

113 100

55 190.7 162.9 202.9

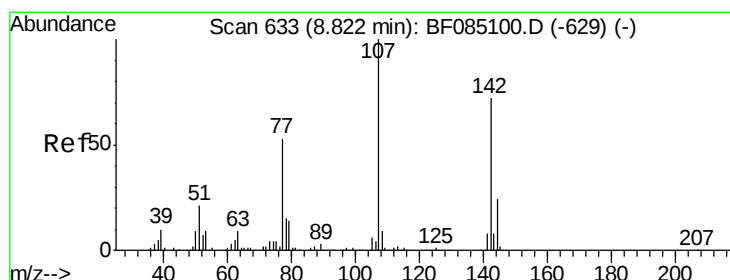
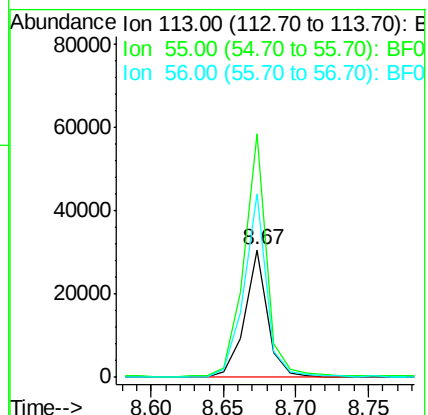
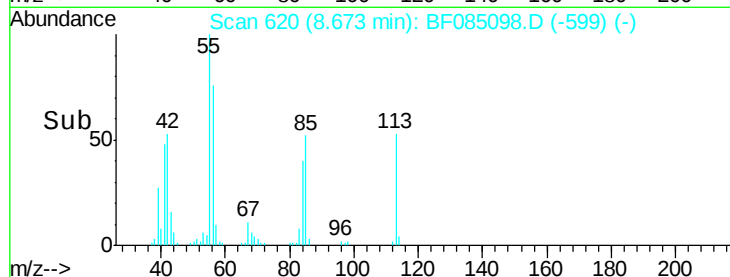
56 144.0 114.5 154.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 11.11 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

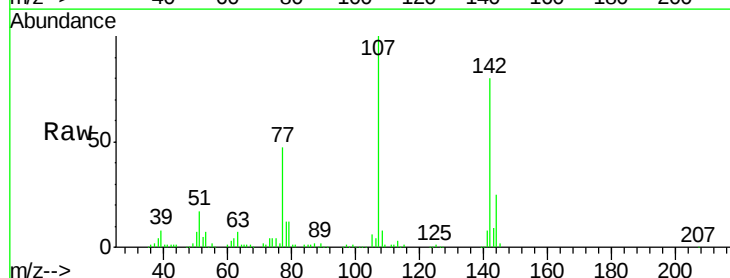
Tgt Ion:107 Resp: 147833

Ion Ratio Lower Upper

107 100

144 25.4 18.9 28.3

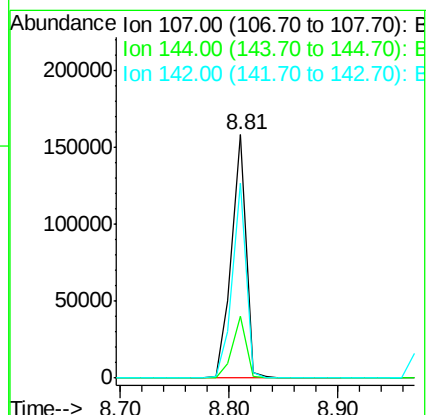
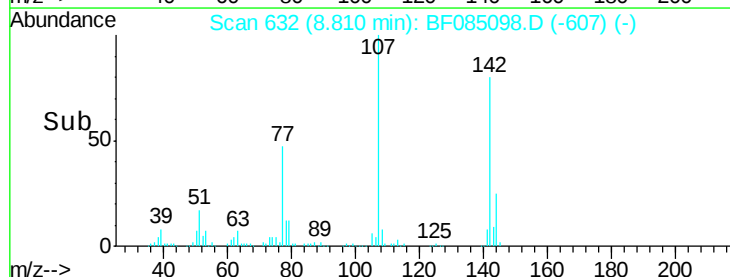
142 80.0 57.9 86.9

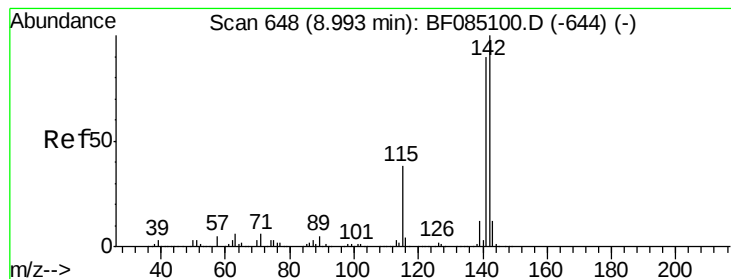


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 10.30 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

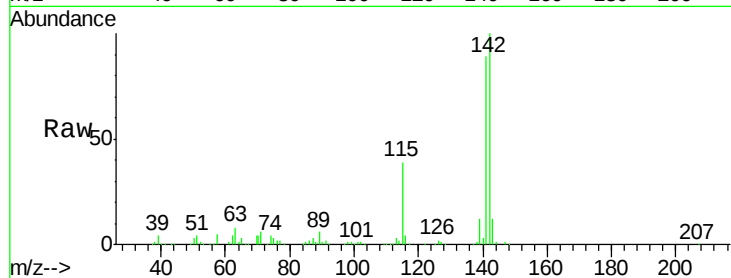
Tgt Ion:142 Resp: 286243

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

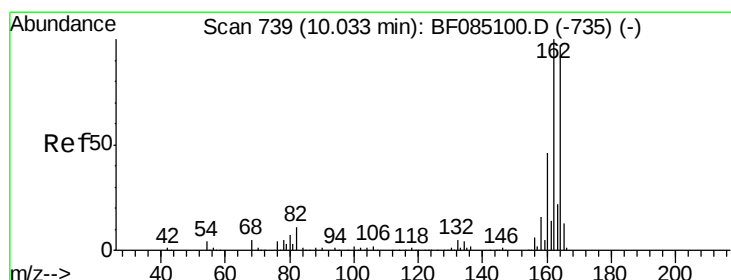
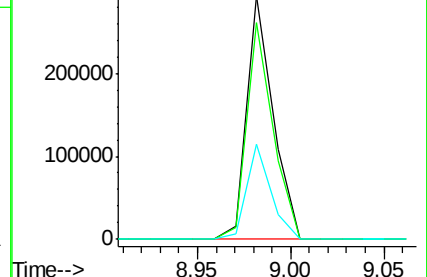
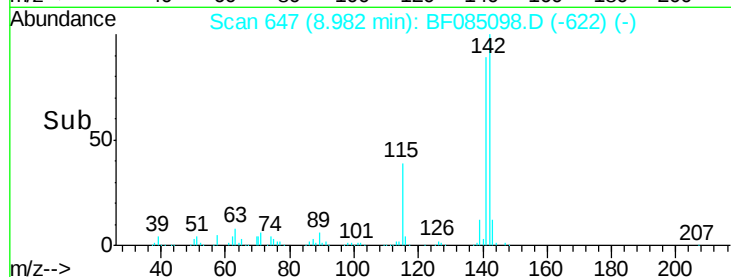
115 39.1 30.1 45.1



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: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

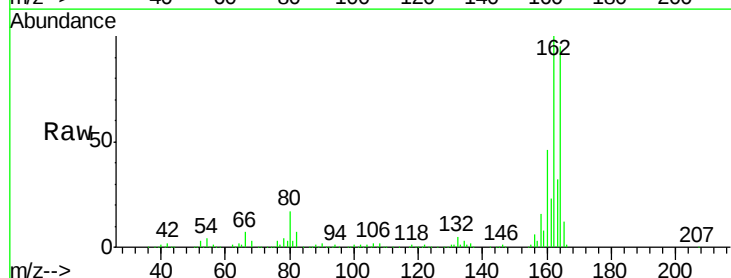
Tgt Ion:164 Resp: 423228

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

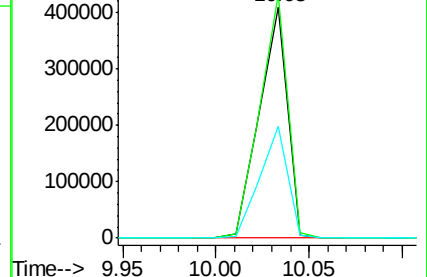
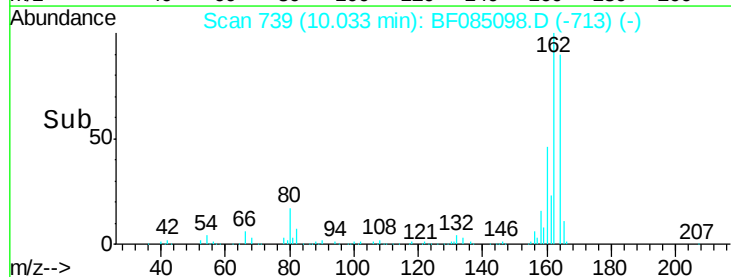
160 48.6 38.2 57.2

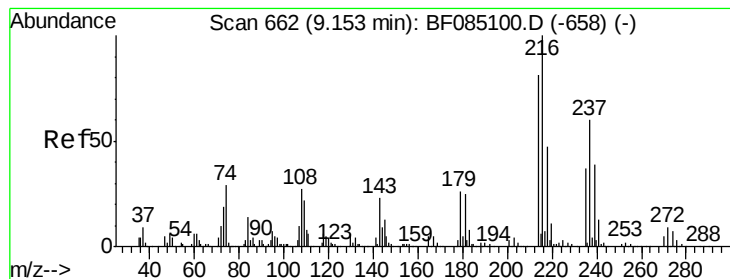


Abundance Ion 164.00 (163.70 to 164.70): E

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: 10.56 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tgt Ion:216 Resp: 149305

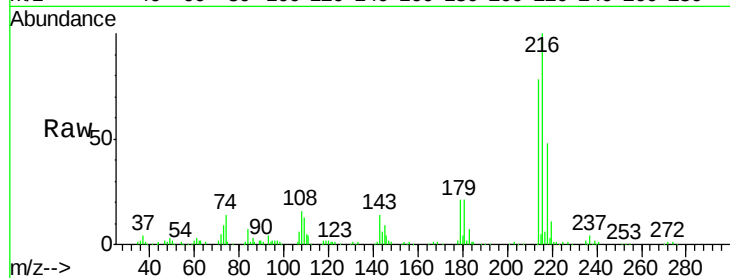
Ion Ratio Lower Upper

216 100

214 78.3 63.7 95.5

179 22.4 18.1 27.1

108 20.8 17.1 25.7

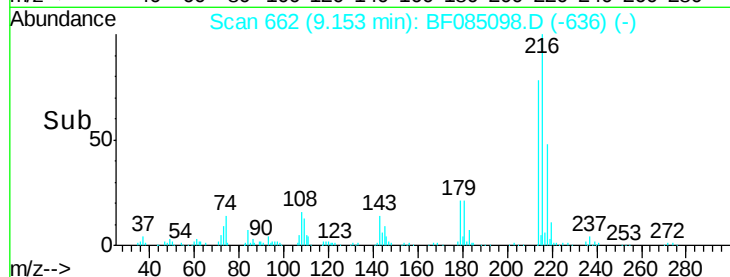


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

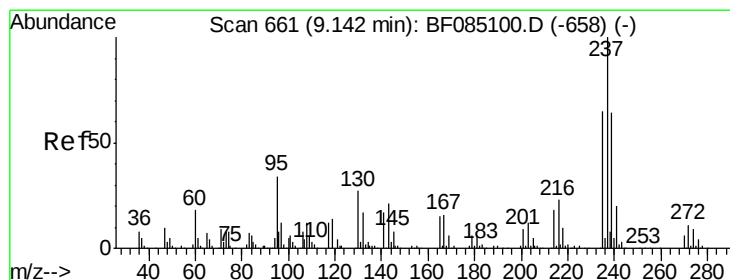
Ion 108.00 (107.70 to 108.70): E



Abundance

9.15

Time-->



#40

Hexachlorocyclopentadiene

Concen: 9.75 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

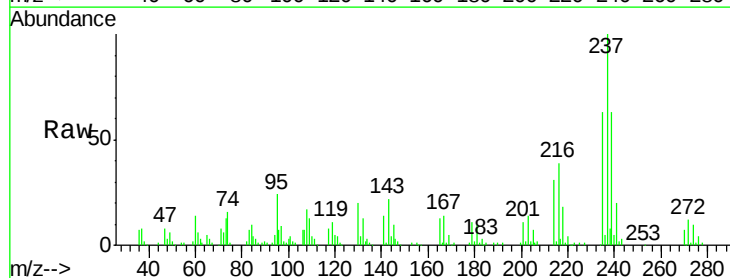
Tgt Ion:237 Resp: 74957

Ion Ratio Lower Upper

237 100

235 62.9 45.3 85.3

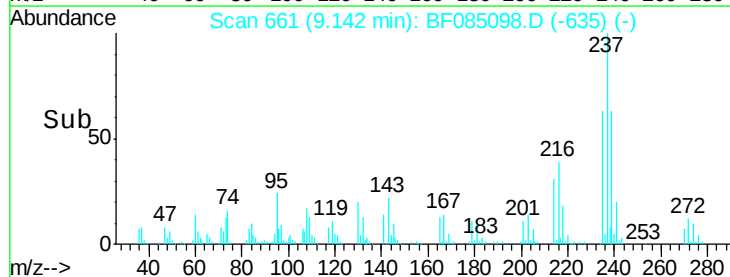
272 12.2 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

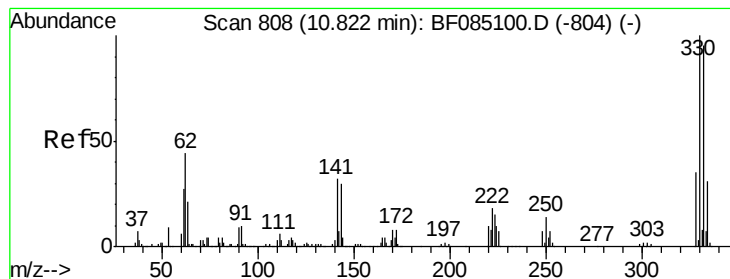
Ion 271.75 (271.45 to 272.45): E



Abundance

9.14

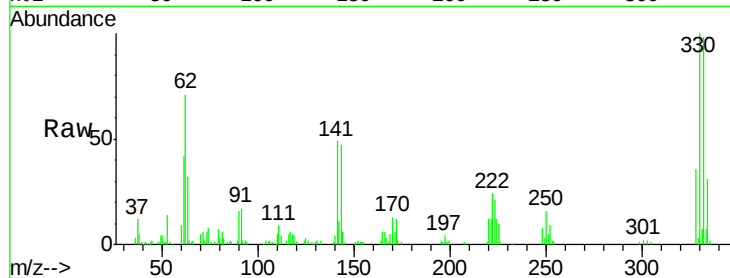
Time-->



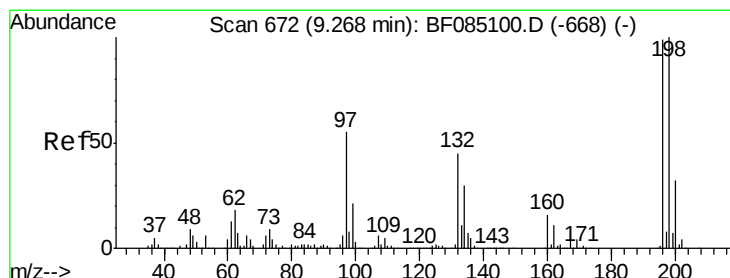
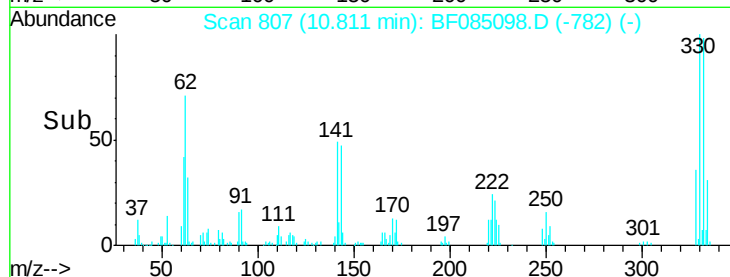
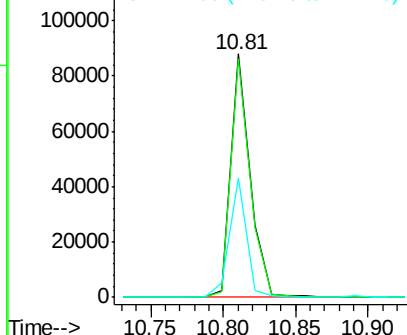
#41  
 2,4,6-Tribromophenol  
 Concen: 18.13 ng  
 RT: 10.81 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:330 Resp: 81274  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 75.9 113.9  
 141 43.3 28.9 43.3

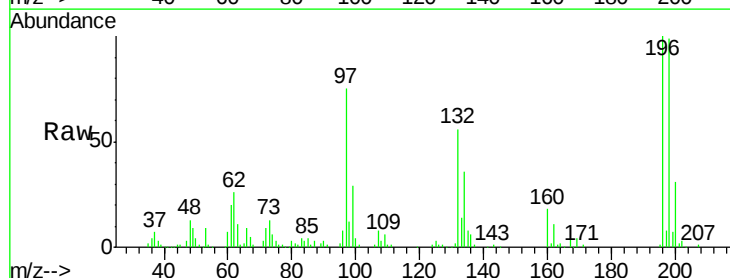


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

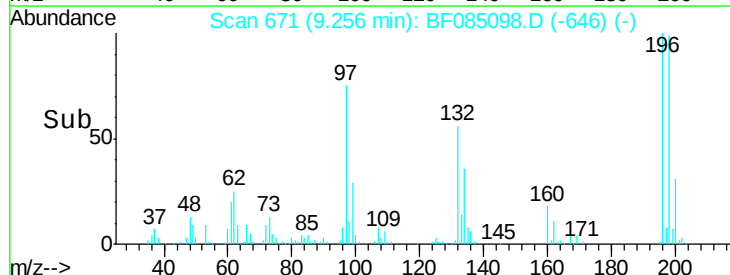
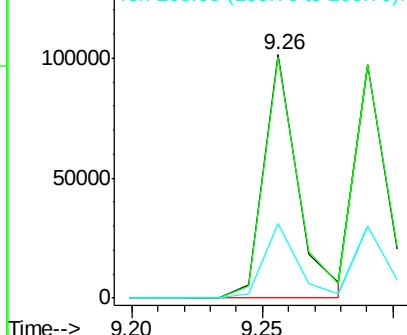


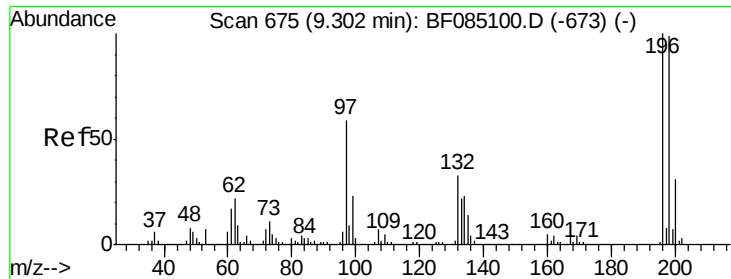
#42  
 2,4,6-Trichlorophenol  
 Concen: 9.97 ng  
 RT: 9.26 min Scan# 671  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Tgt Ion:196 Resp: 90125  
 Ion Ratio Lower Upper  
 196 100  
 198 99.0 80.4 120.6  
 200 30.7 25.8 38.8



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

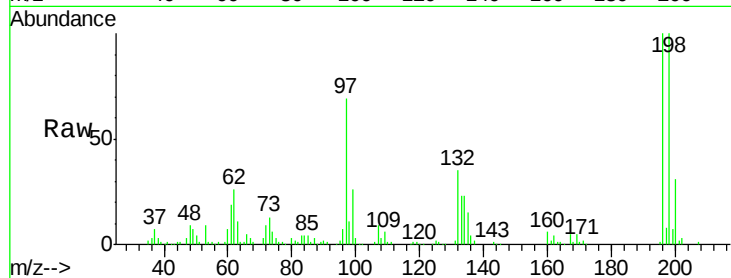




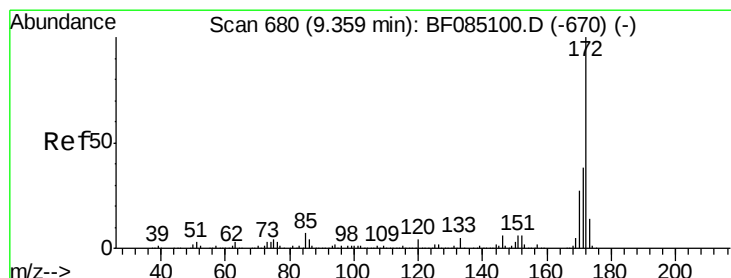
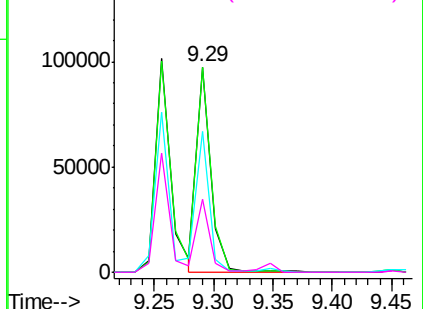
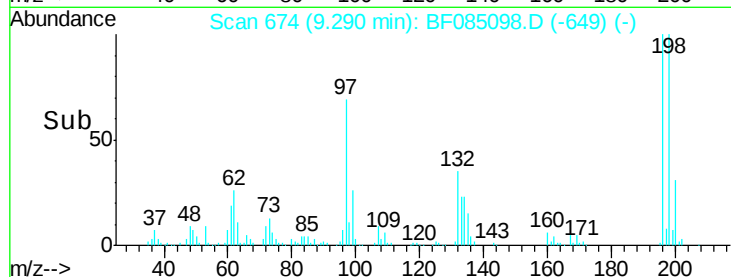
#43  
 2,4,5-Trichlorophenol  
 Concen: 9.48 ng  
 RT: 9.29 min Scan# 674  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:196 Resp: 83987  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 79.5 119.3  
 97 69.0 47.3 70.9  
 132 35.4 26.5 39.7

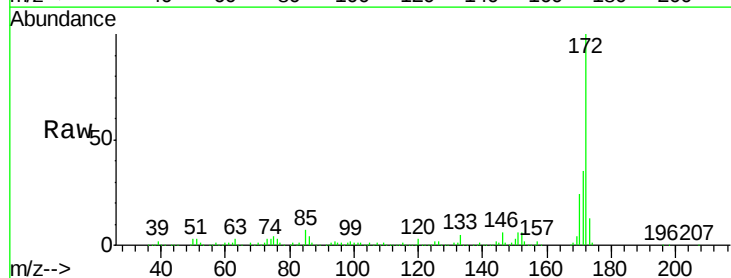


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

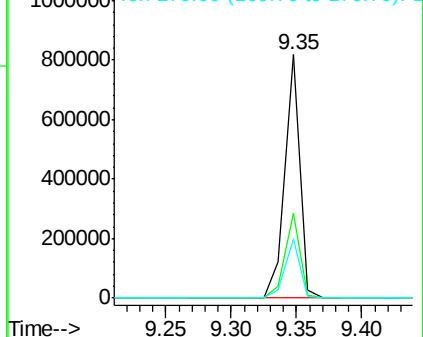
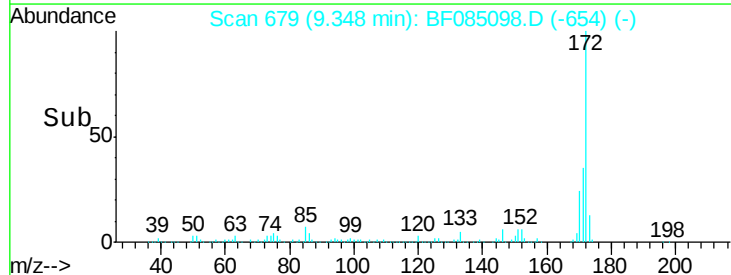


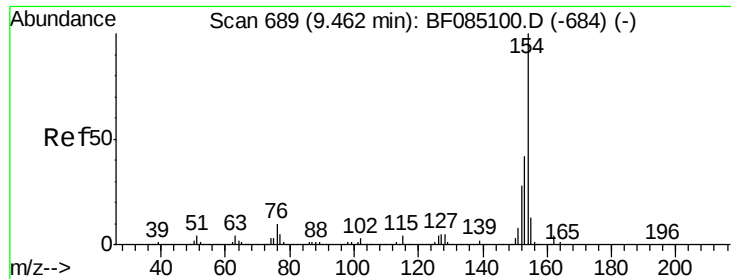
#44  
 2-Fluorobiphenyl  
 Concen: 23.41 ng  
 RT: 9.35 min Scan# 679  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Tgt Ion:172 Resp: 666393  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 30.5 45.7  
 170 24.2 21.2 31.8



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

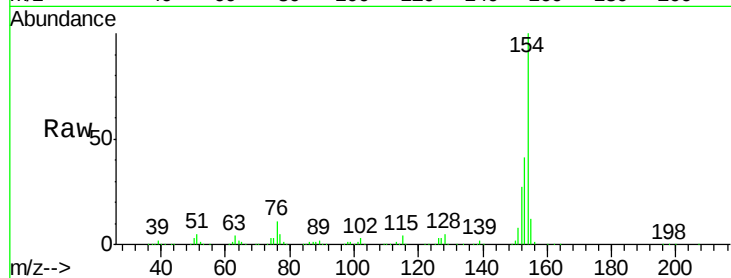




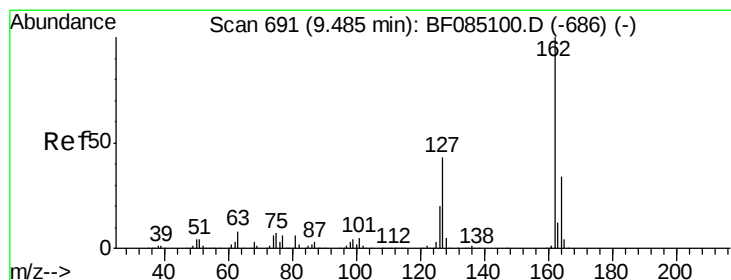
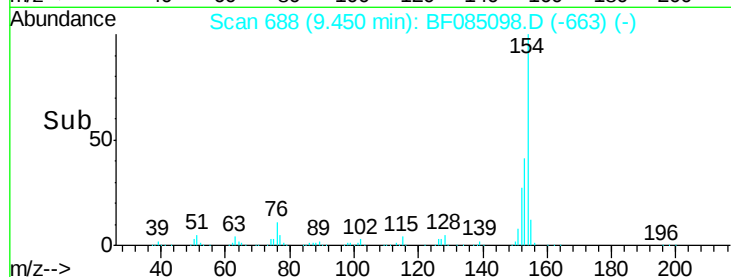
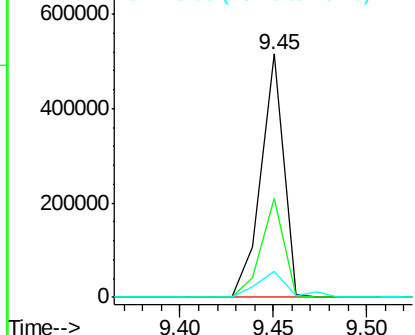
#45  
 1,1'-Biphenyl  
 Concen: 11.99 ng  
 RT: 9.45 min Scan# 688  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:154 Resp: 432824  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 21.5 61.5  
 76 10.5 0.0 29.7

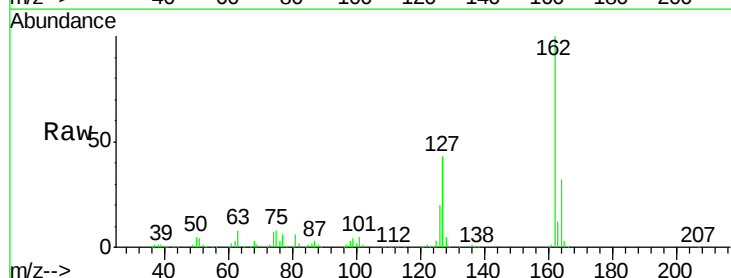


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

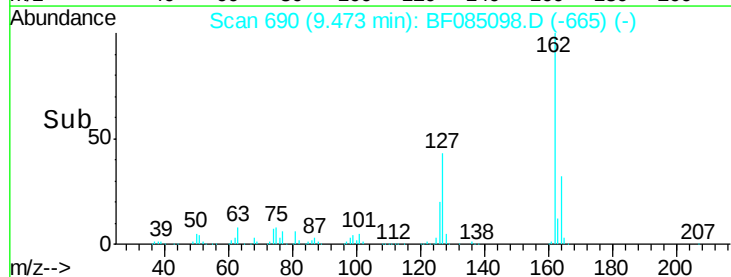
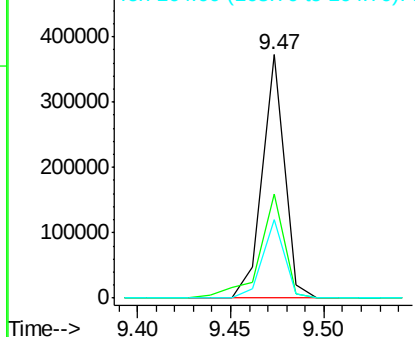


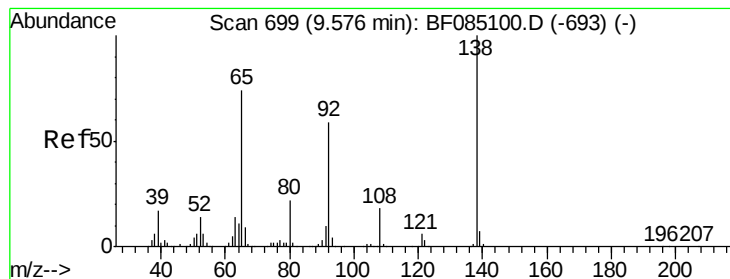
#46  
 2-Chloronaphthalene  
 Concen: 11.41 ng  
 RT: 9.47 min Scan# 690  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

Tgt Ion:162 Resp: 303138  
 Ion Ratio Lower Upper  
 162 100  
 127 42.9 34.2 51.4  
 164 32.4 27.2 40.8



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: 11.08 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

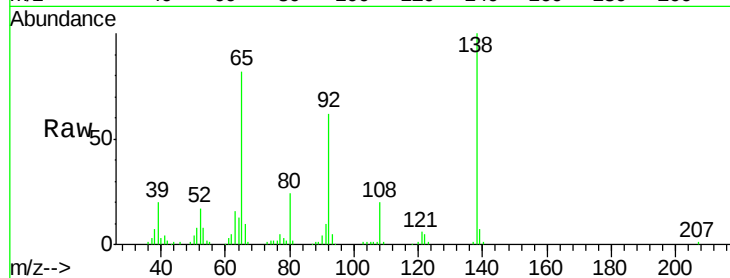
Tgt Ion: 65 Resp: 75200

Ion Ratio Lower Upper

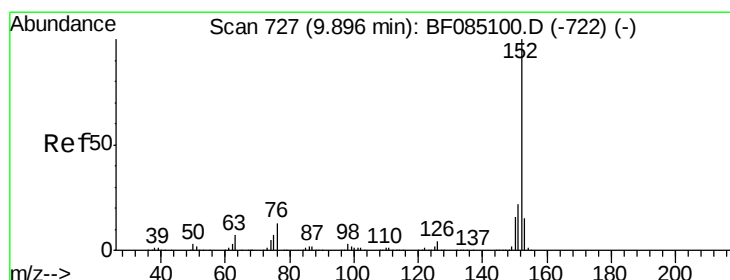
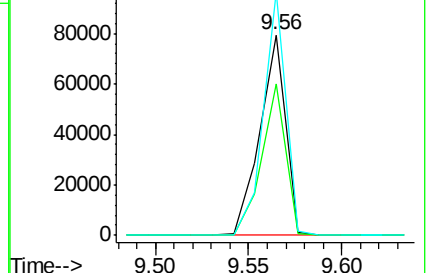
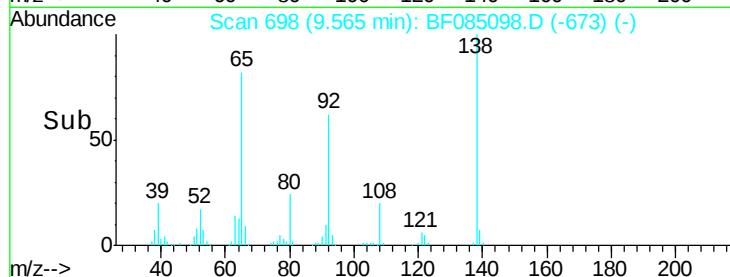
65 100

92 75.7 63.8 95.6

138 121.6 108.5 162.7



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 10.44 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

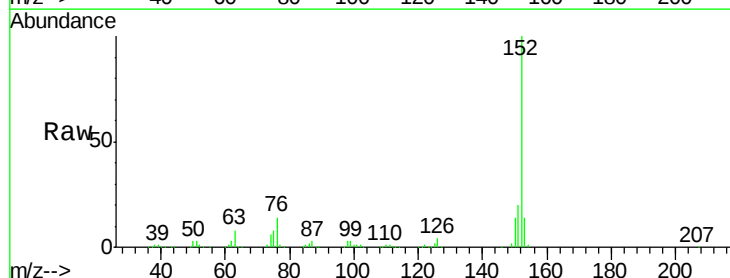
Tgt Ion: 152 Resp: 446415

Ion Ratio Lower Upper

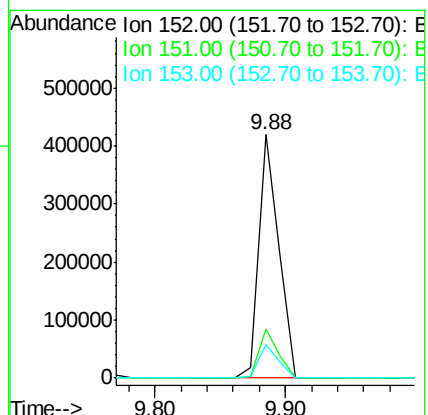
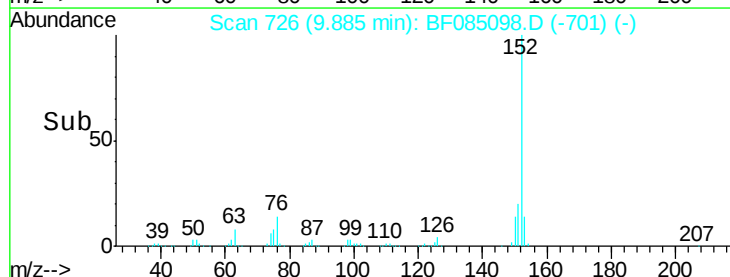
152 100

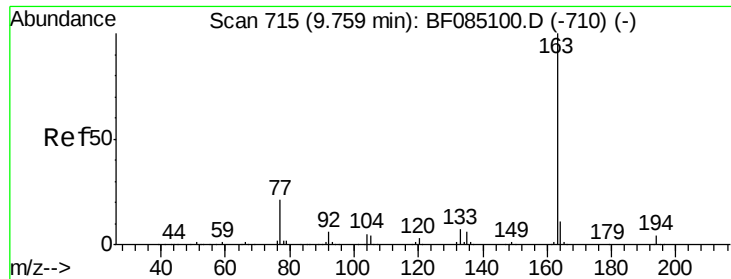
151 19.9 17.4 26.0

153 13.6 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

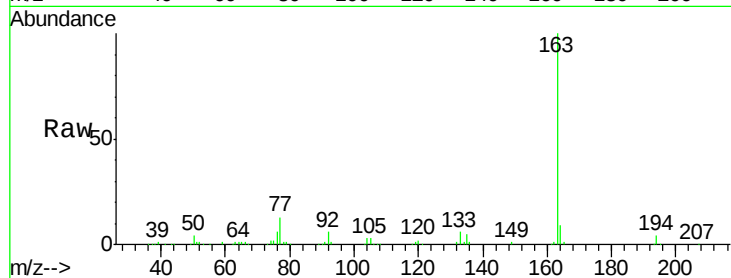




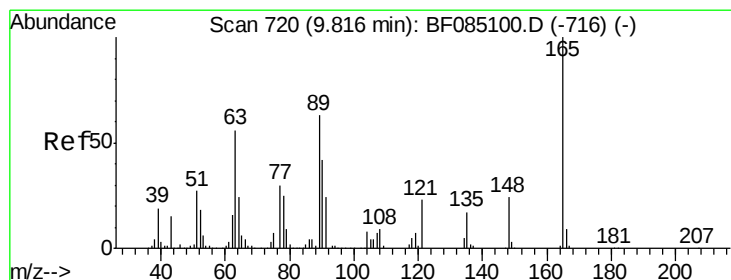
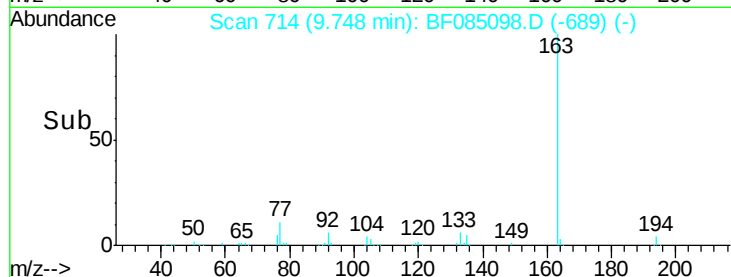
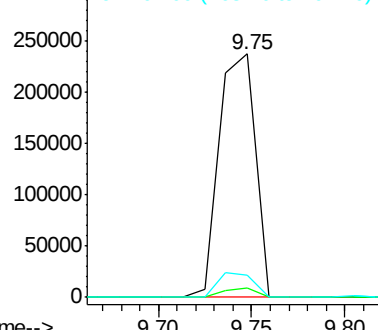
#49  
Dimethylphthalate  
Concen: 10.34 ng  
RT: 9.75 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:163 Resp: 318753  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.9 4.3  
164 9.1 8.6 12.8

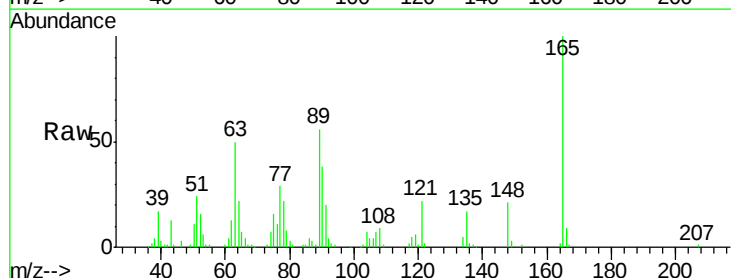


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

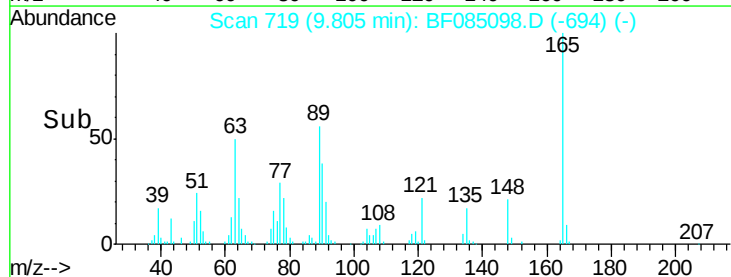
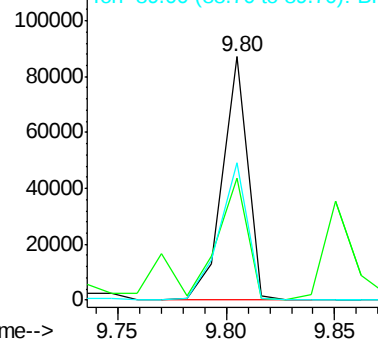


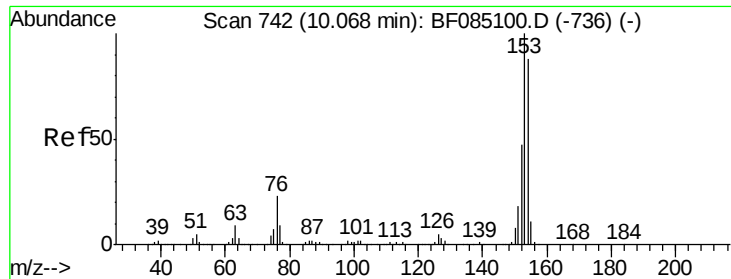
#50  
2,6-Dinitrotoluene  
Concen: 10.77 ng  
RT: 9.80 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:165 Resp: 70211  
Ion Ratio Lower Upper  
165 100  
63 50.3 47.4 71.2  
89 56.4 50.2 75.2



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.14 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

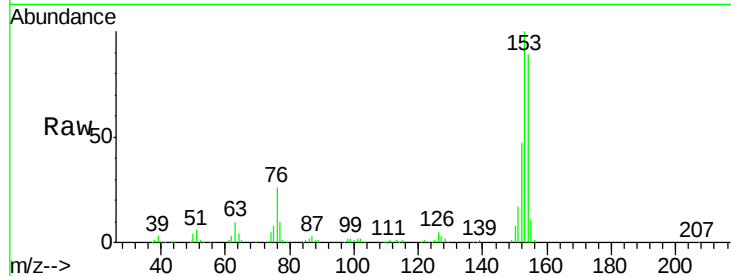
Tgt Ion:154 Resp: 267907

Ion Ratio Lower Upper

154 100

153 112.6 91.0 136.6

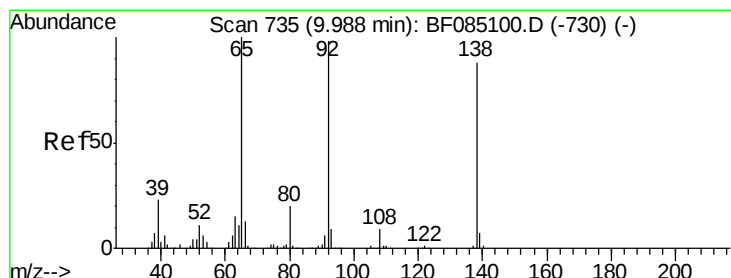
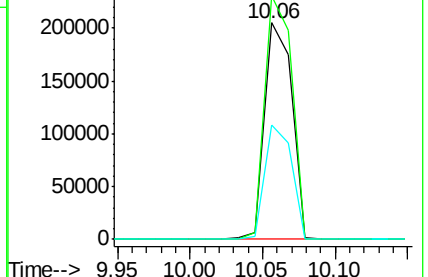
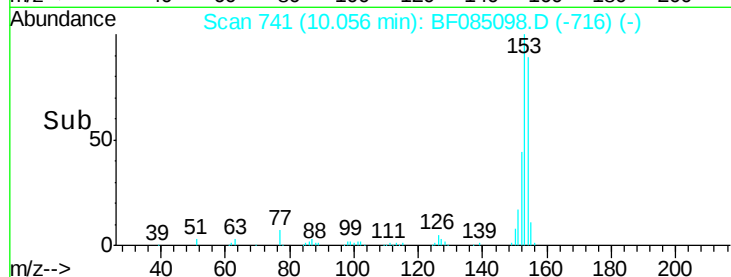
152 52.9 43.0 64.6



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: 8.97 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

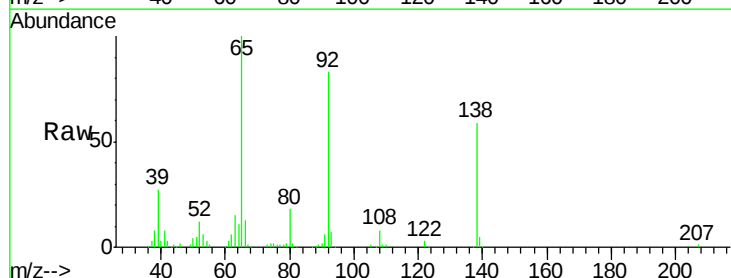
Tgt Ion:138 Resp: 68675

Ion Ratio Lower Upper

138 100

108 13.6 8.2 12.2#

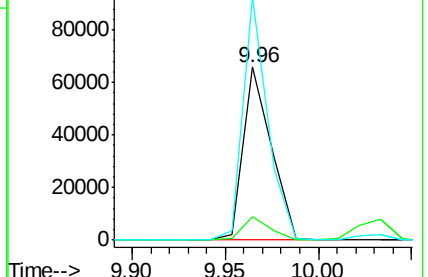
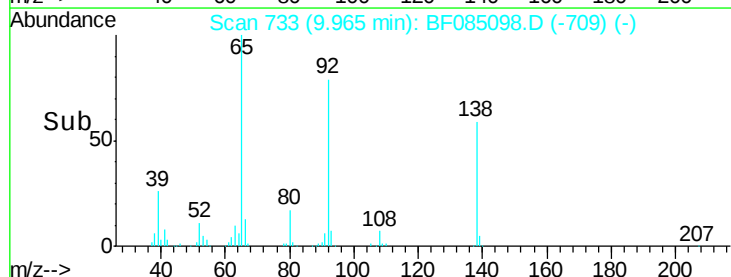
92 140.6 89.0 133.6#

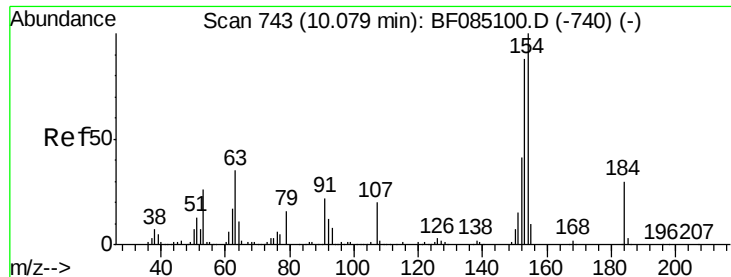


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

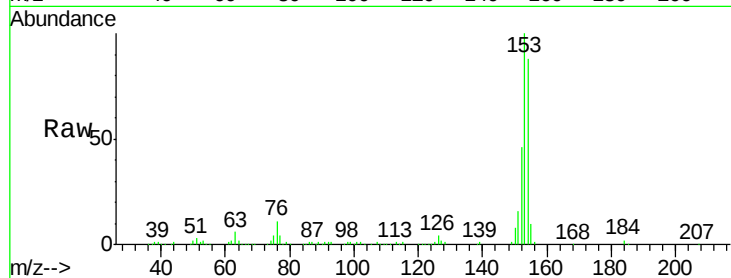




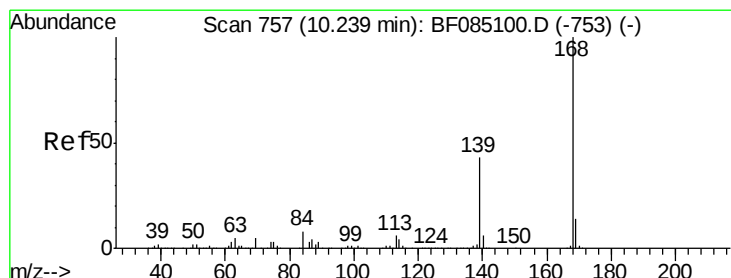
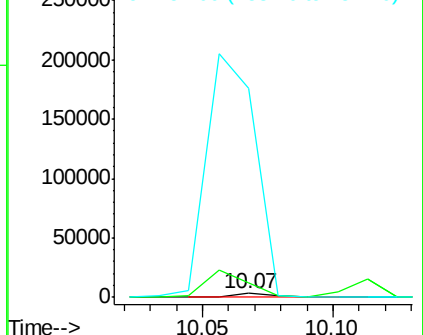
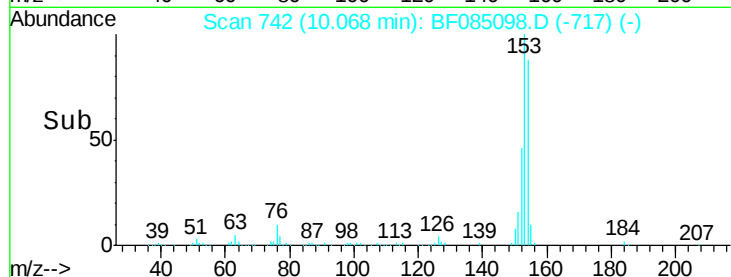
#53  
2,4-Dinitrophenol  
Concen: 2.12 ng  
RT: 10.07 min Scan# 742  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:184 Resp: 3707  
Ion Ratio Lower Upper  
184 100  
63 346.4 94.0 141.0#  
154 5064.6 269.8 404.8#

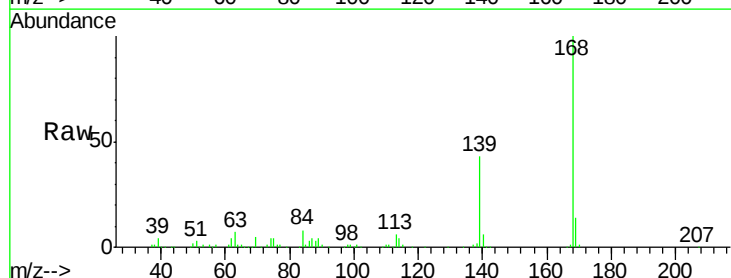


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

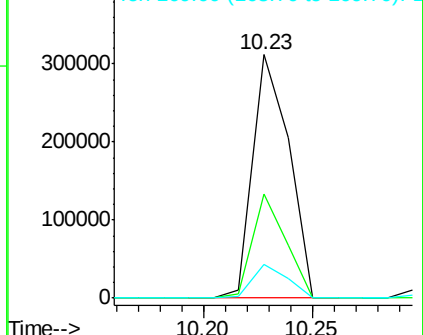
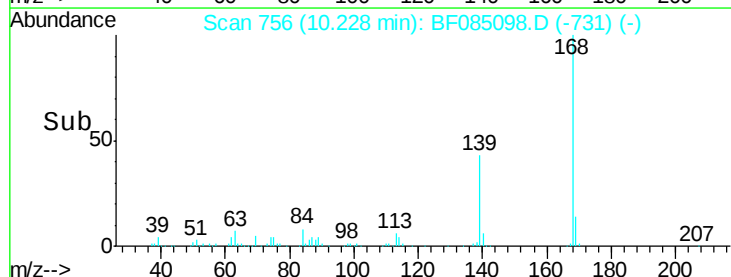


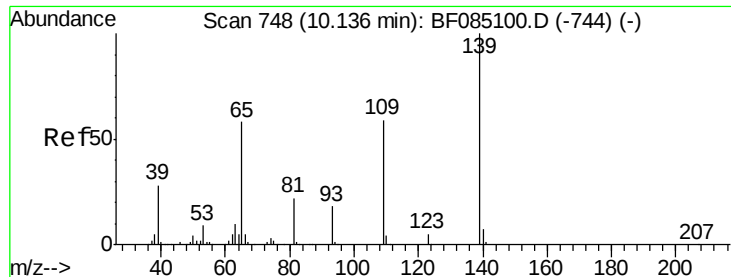
#54  
Dibenzofuran  
Concen: 10.32 ng  
RT: 10.23 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:168 Resp: 362901  
Ion Ratio Lower Upper  
168 100  
139 42.8 34.2 51.2  
169 13.8 11.4 17.2



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

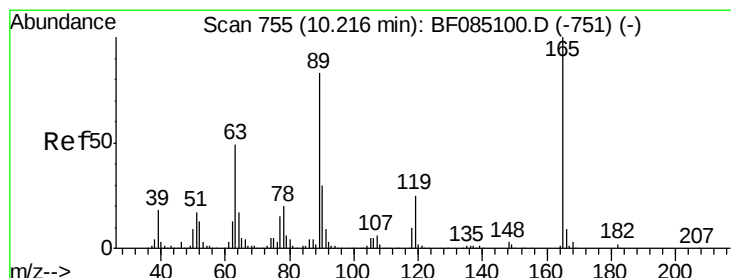
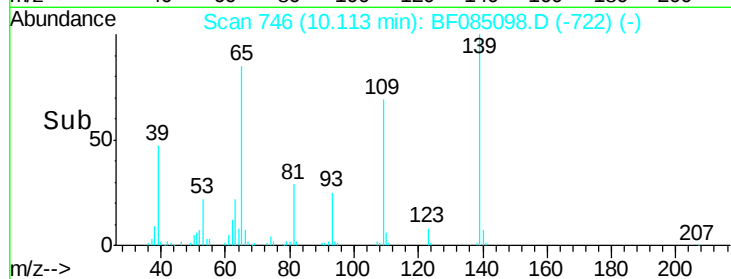
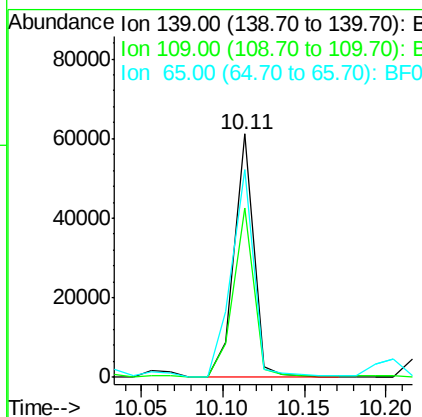
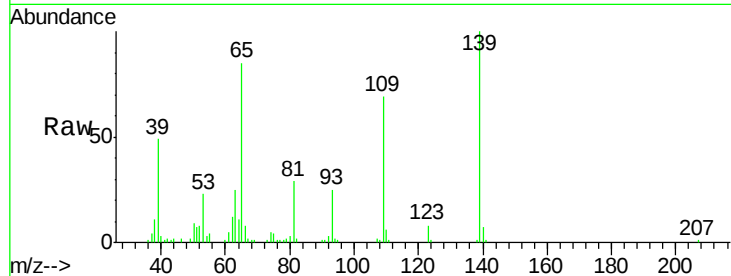




#55  
4-Nitrophenol  
Concen: 8.38 ng  
RT: 10.11 min Scan# 746  
Delta R.T. -0.02 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

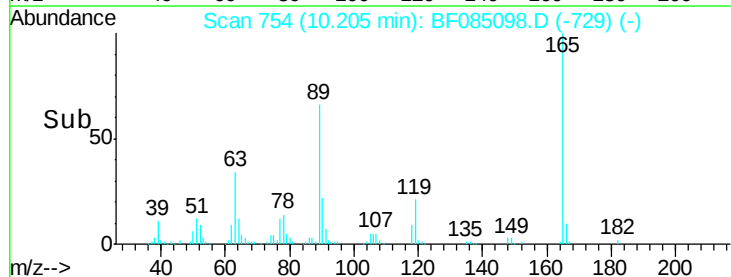
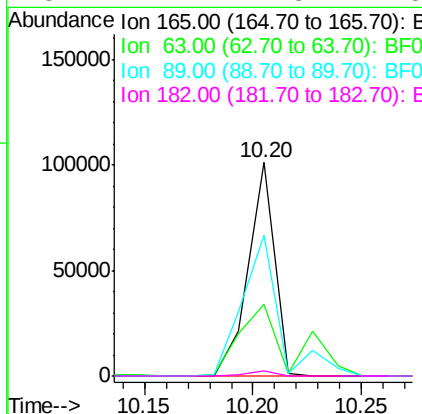
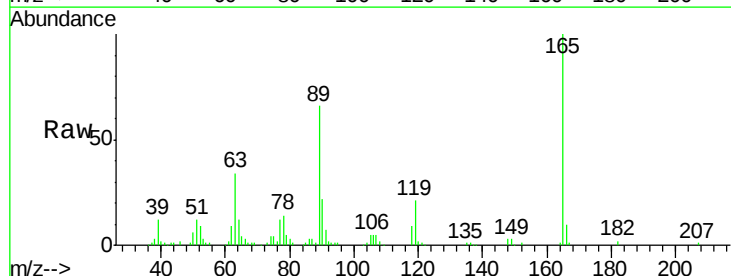
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

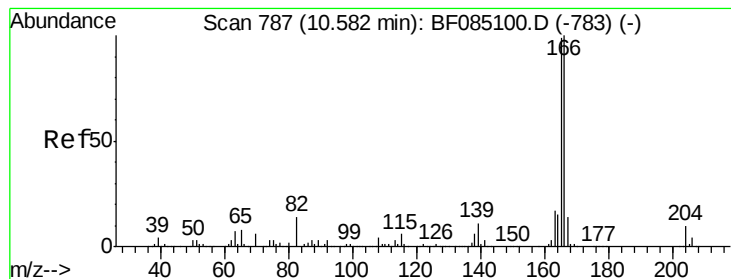
Tgt Ion:139 Resp: 50847  
Ion Ratio Lower Upper  
139 100  
109 69.3 39.5 79.5  
65 85.2 38.4 78.4#



#56  
2,4-Dinitrotoluene  
Concen: 10.59 ng  
RT: 10.20 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:165 Resp: 84863  
Ion Ratio Lower Upper  
165 100  
63 33.8 39.2 58.8#  
89 66.0 66.2 99.4#  
182 2.2 1.8 2.8





#57

Fluorene

Concen: 10.61 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

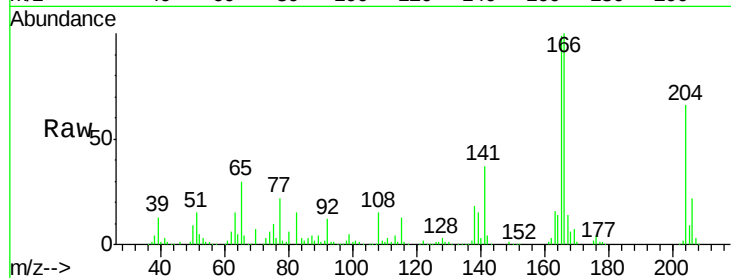
Tgt Ion:166 Resp: 306873

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.2

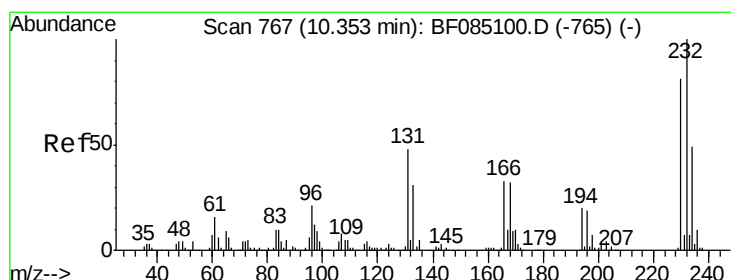
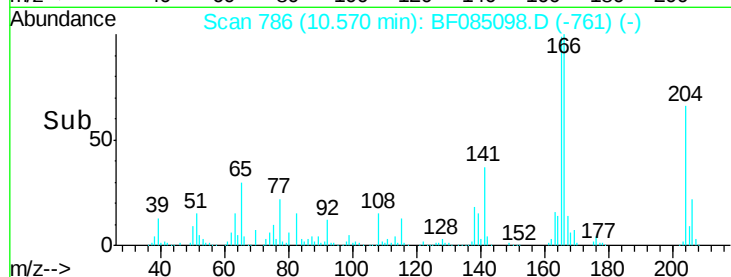
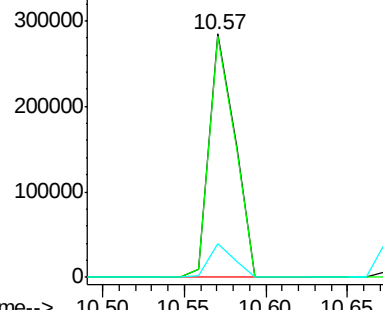
167 13.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.70 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Tgt Ion:232 Resp: 62776

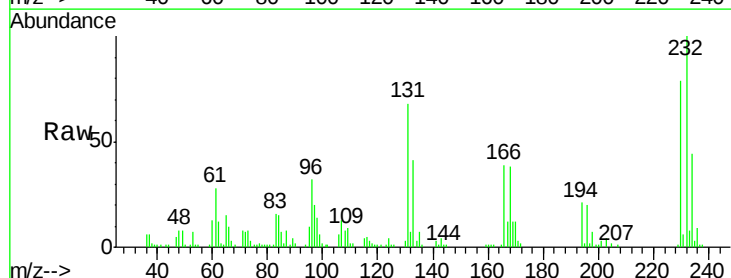
Ion Ratio Lower Upper

232 100

131 56.4 41.6 62.4

130 2.7 2.1 3.1

166 34.0 26.8 40.2

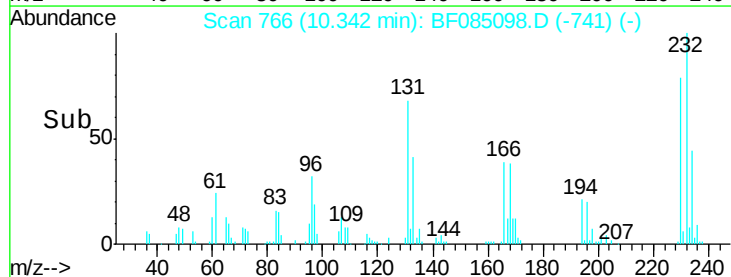
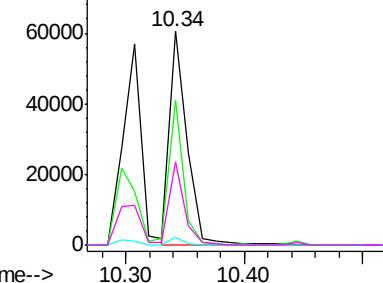


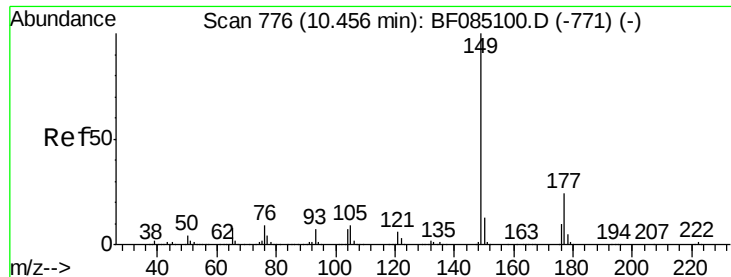
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

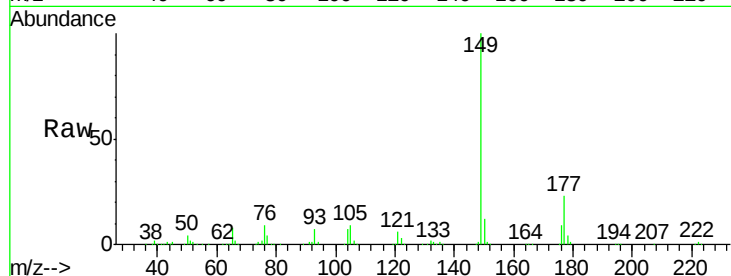




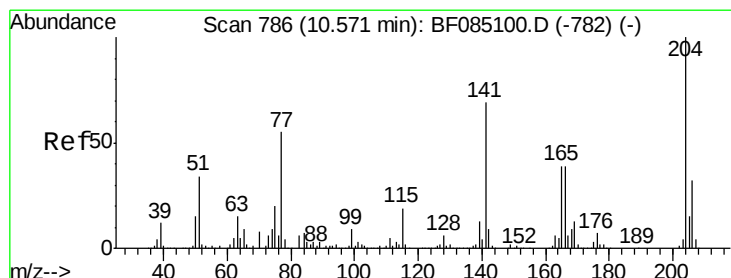
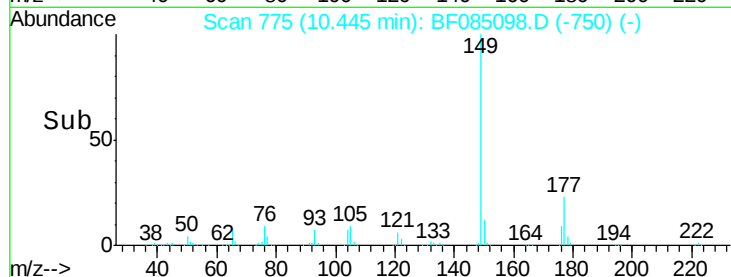
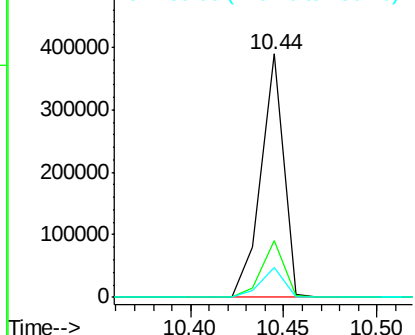
#59  
Diethylphthalate  
Concen: 10.24 ng  
RT: 10.44 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion:149 Resp: 327239  
Ion Ratio Lower Upper  
149 100  
177 23.5 19.4 29.2  
150 12.3 10.1 15.1

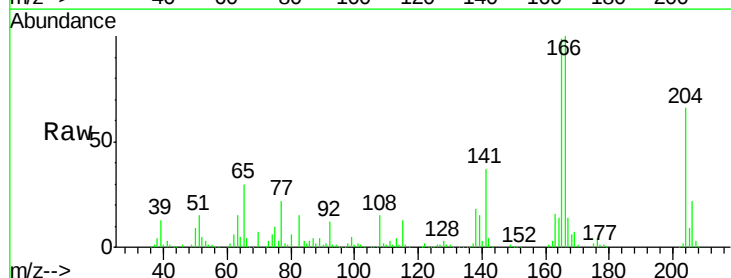


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

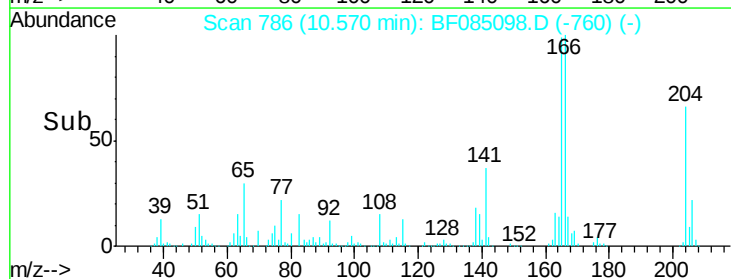
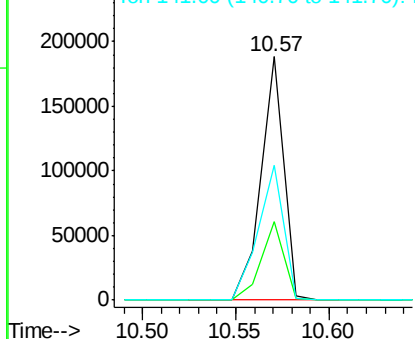


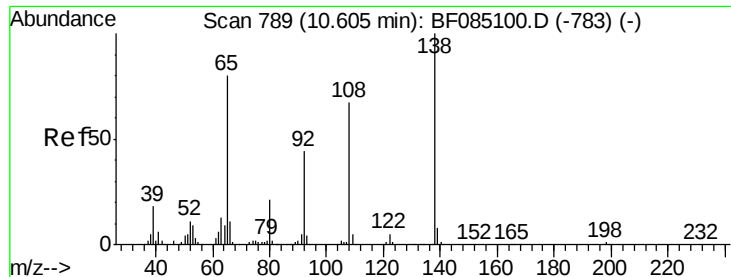
#60  
4-Chlorophenyl-phenylether  
Concen: 10.65 ng  
RT: 10.57 min Scan# 786  
Delta R.T. -0.00 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:204 Resp: 157720  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.7 38.5  
141 55.3 55.3 82.9#



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

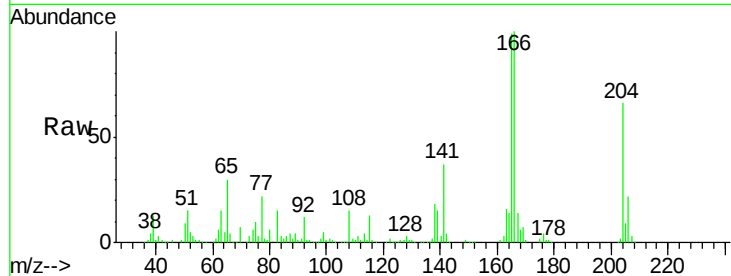




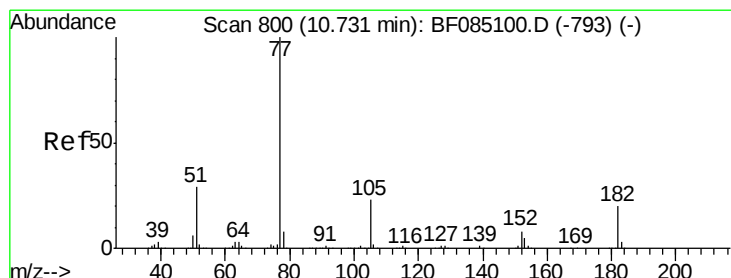
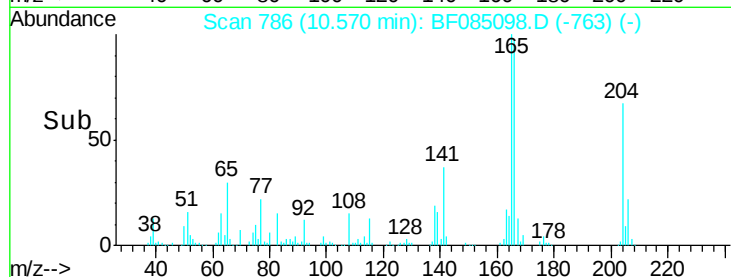
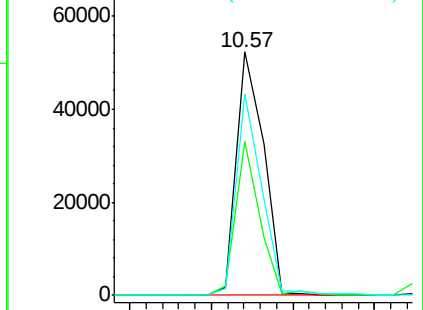
#61  
4-Nitroaniline  
Concen: 8.28 ng  
RT: 10.57 min Scan# 786  
Delta R.T. -0.03 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 138 Resp: 59980  
Ion Ratio Lower Upper  
138 100  
92 63.1 23.5 63.5  
108 82.6 46.8 86.8



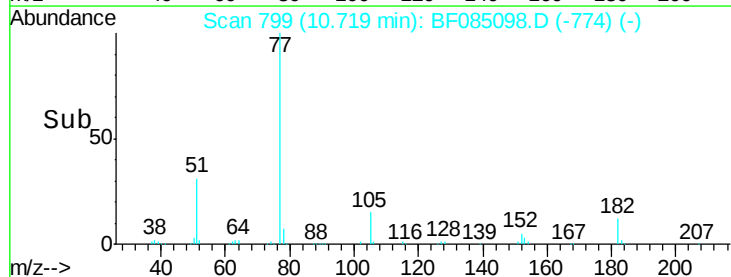
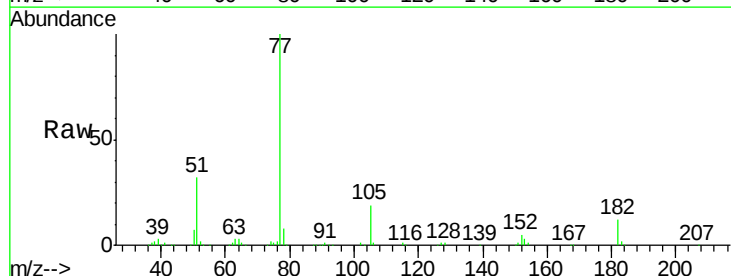
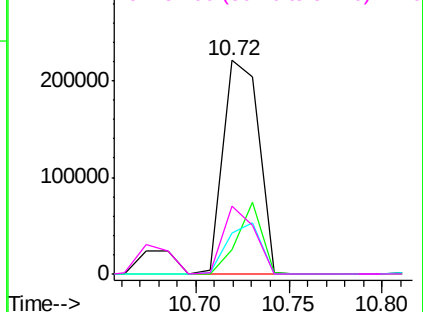
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

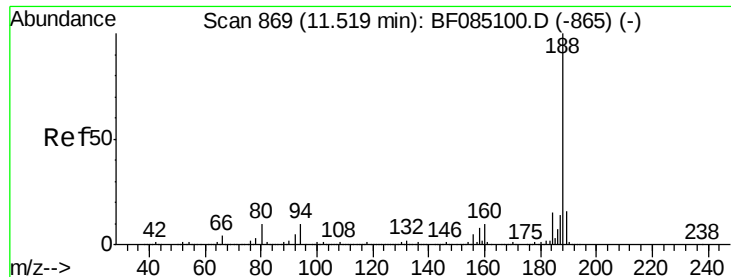


#62  
Azobenzene  
Concen: 9.60 ng  
RT: 10.72 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion: 77 Resp: 295543  
Ion Ratio Lower Upper  
77 100  
182 11.5 0.0 39.8  
105 19.2 2.7 42.7  
51 32.0 9.4 49.4

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

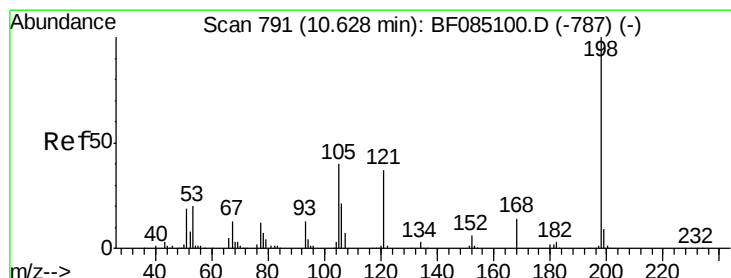
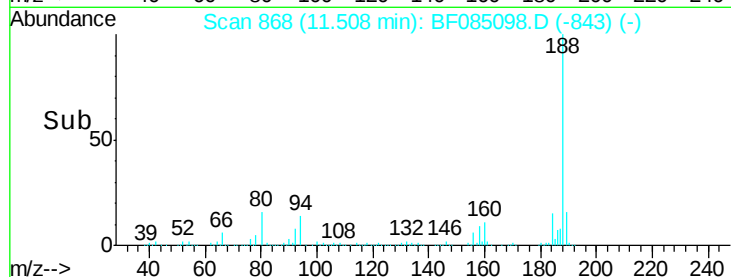
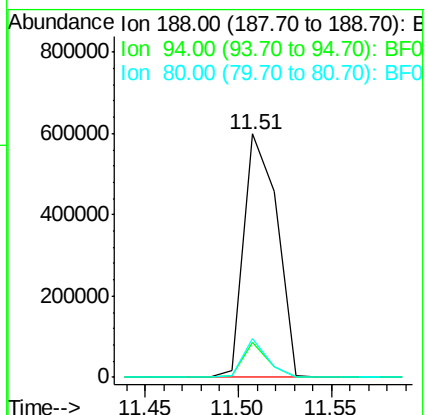
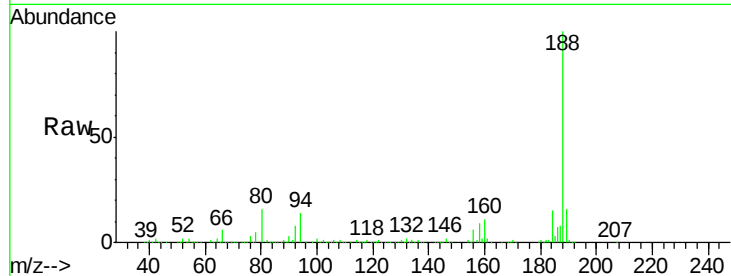




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.51 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

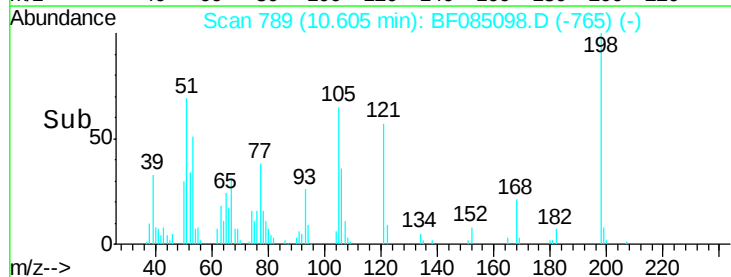
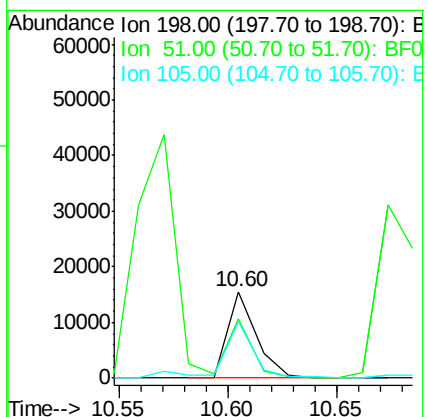
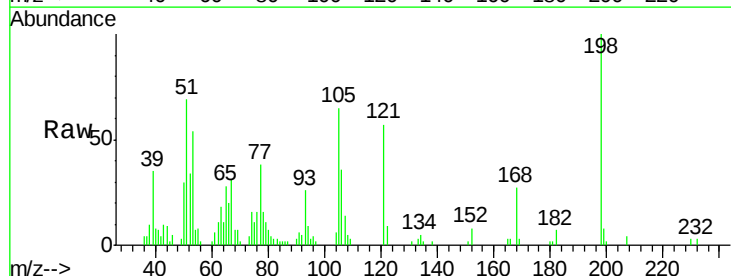
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

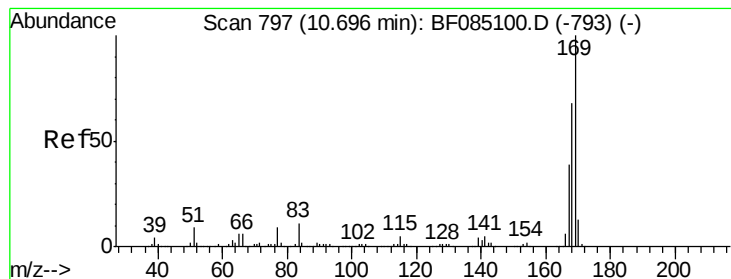
Tgt Ion:188 Resp: 739756  
Ion Ratio Lower Upper  
188 100  
94 14.4 7.8 11.6#  
80 16.2 8.2 12.4#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 4.02 ng  
RT: 10.60 min Scan# 789  
Delta R.T. -0.02 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:198 Resp: 13980  
Ion Ratio Lower Upper  
198 100  
51 69.0 12.5 52.5#  
105 65.5 20.2 60.2#





#65

n-Nitrosodiphenylamine

Concen: 11.39 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

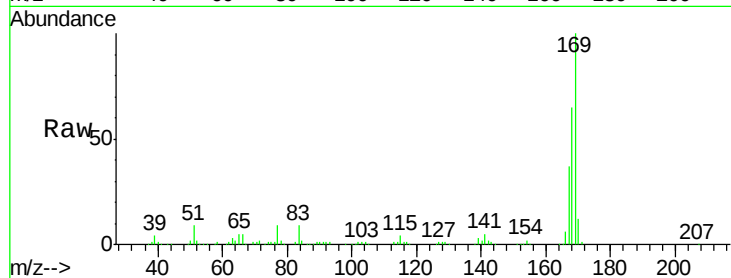
Tgt Ion:169 Resp: 264996

Ion Ratio Lower Upper

169 100

168 64.8 54.6 81.8

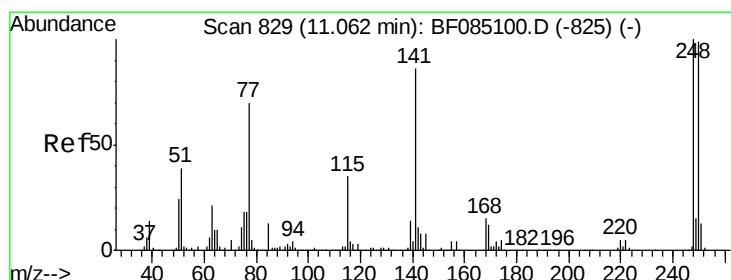
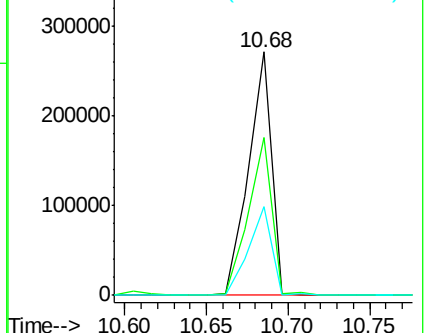
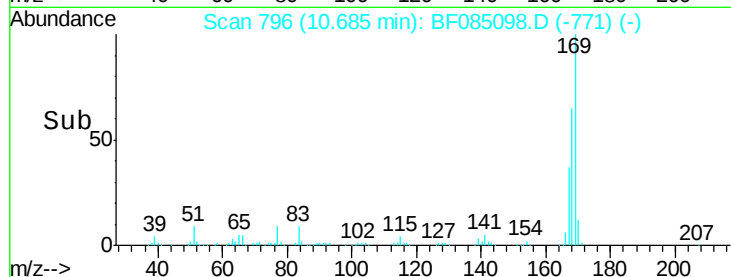
167 36.6 30.8 46.2



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: 10.04 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

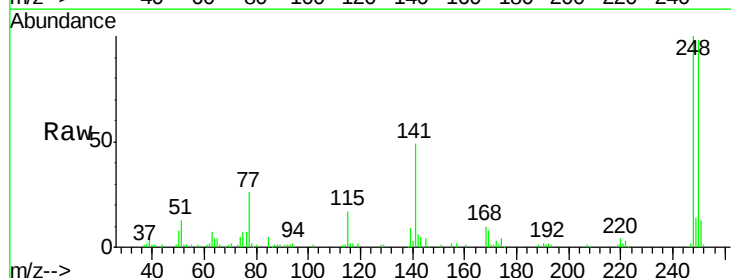
Tgt Ion:248 Resp: 85545

Ion Ratio Lower Upper

248 100

250 98.2 79.0 118.4

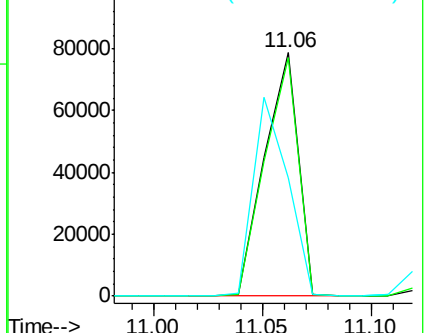
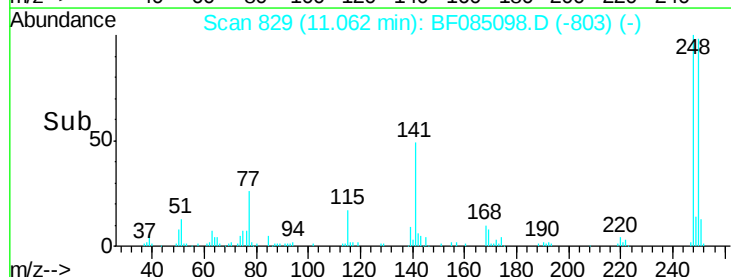
141 48.5 68.6 103.0#

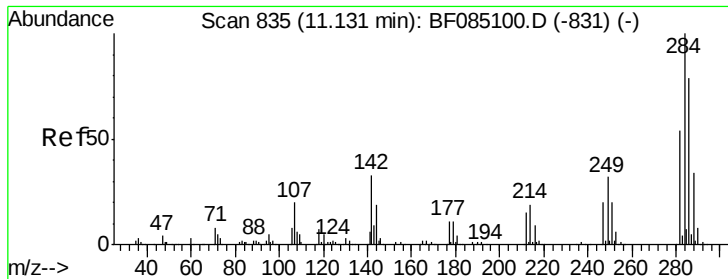


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

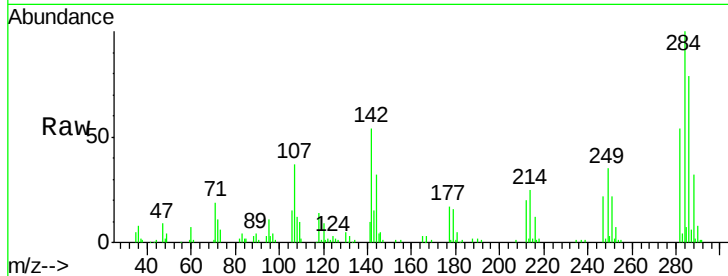




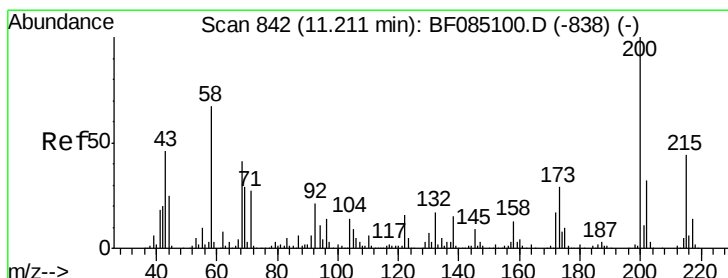
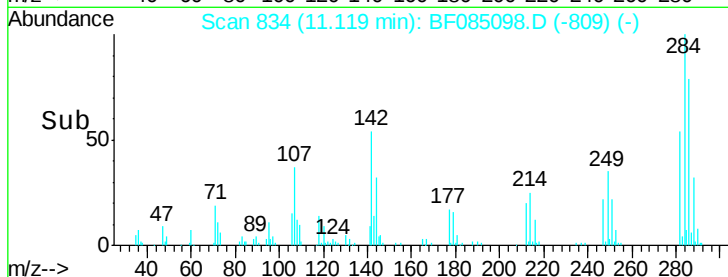
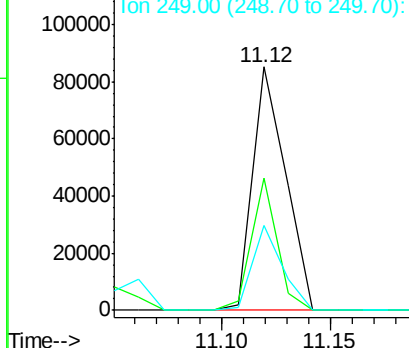
#67  
Hexachlorobenzene  
Concen: 9.93 ng  
RT: 11.12 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 284 Resp: 89658  
Ion Ratio Lower Upper  
284 100  
142 54.4 26.3 39.5#  
249 35.1 25.8 38.6

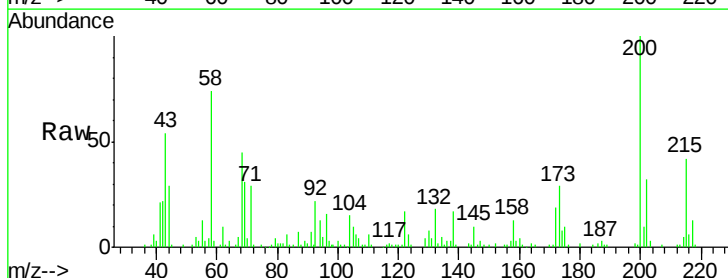


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

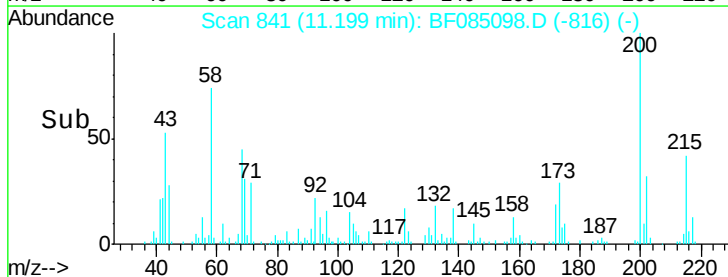
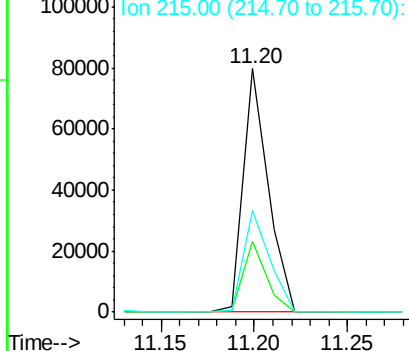


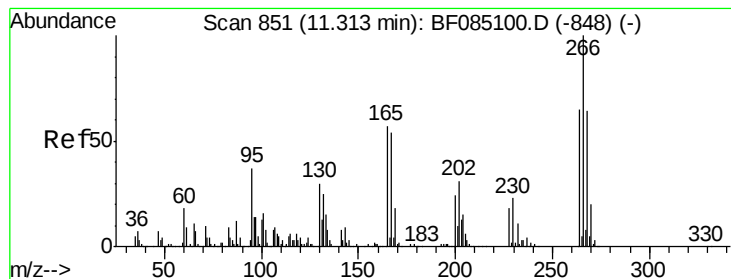
#68  
Atrazine  
Concen: 11.09 ng  
RT: 11.20 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion: 200 Resp: 74808  
Ion Ratio Lower Upper  
200 100  
173 29.3 9.4 49.4  
215 41.6 23.6 63.6



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: 8.30 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

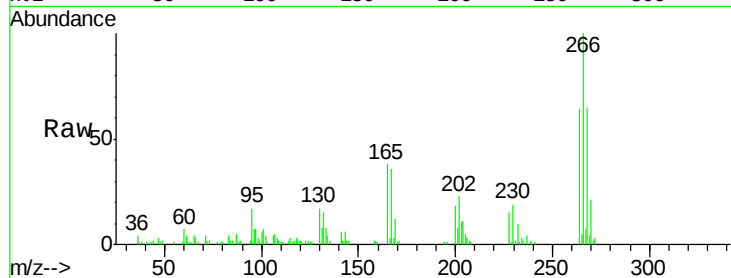
Tgt Ion:266 Resp: 45202

Ion Ratio Lower Upper

266 100

268 64.9 51.0 76.6

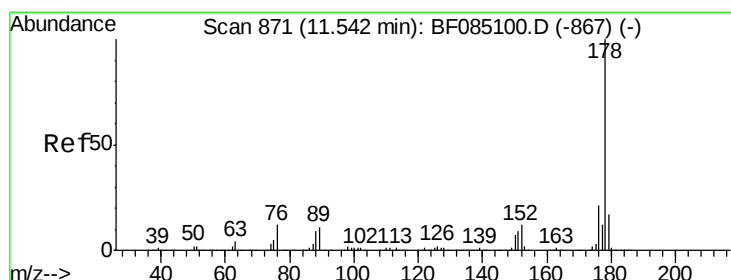
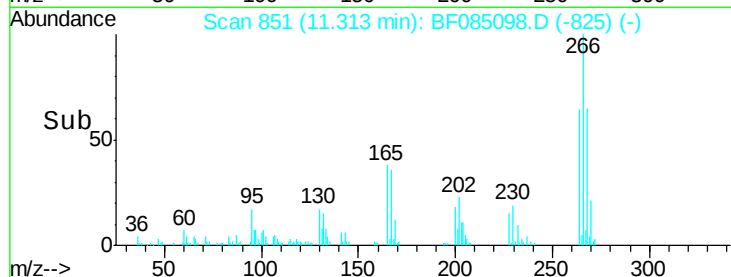
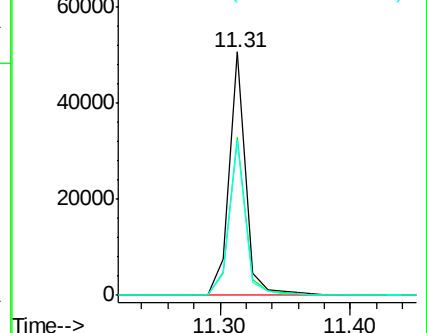
264 63.7 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 12.08 ng

RT: 11.53 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

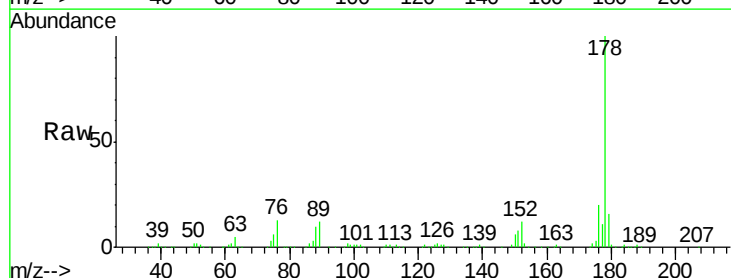
Tgt Ion:178 Resp: 447397

Ion Ratio Lower Upper

178 100

176 19.7 17.0 25.6

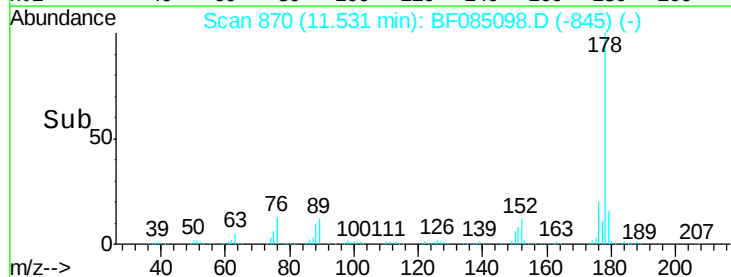
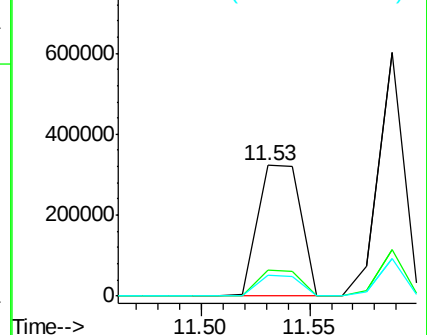
179 15.6 13.3 19.9

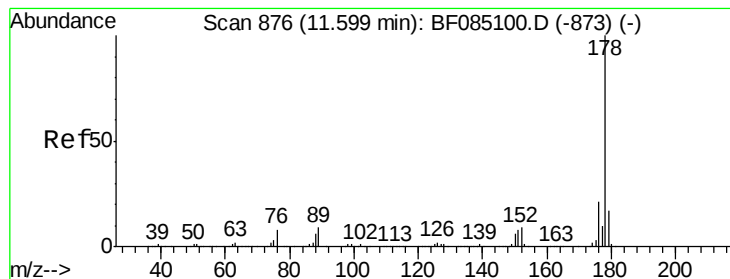


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.94 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

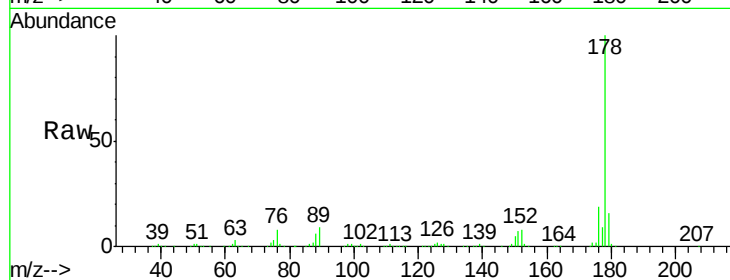
Tgt Ion:178 Resp: 486633

Ion Ratio Lower Upper

178 100

176 19.2 16.6 25.0

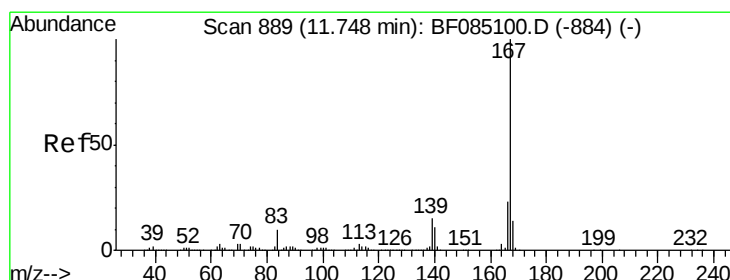
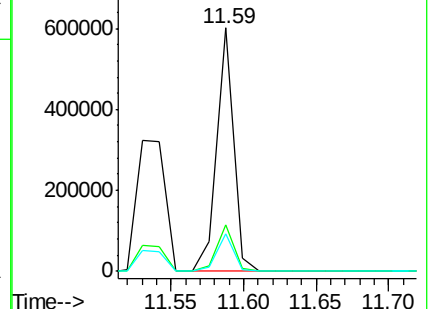
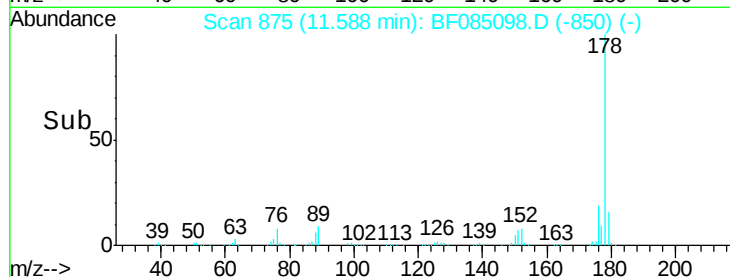
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 12.28 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

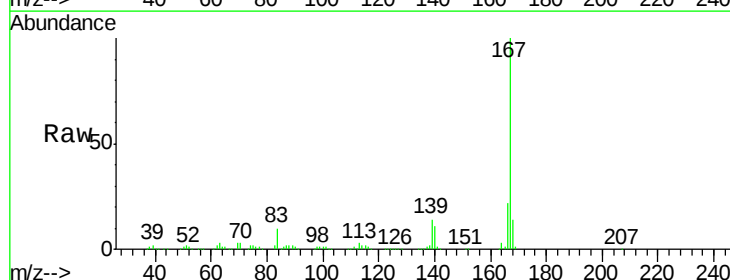
Tgt Ion:167 Resp: 418389

Ion Ratio Lower Upper

167 100

166 21.6 18.6 28.0

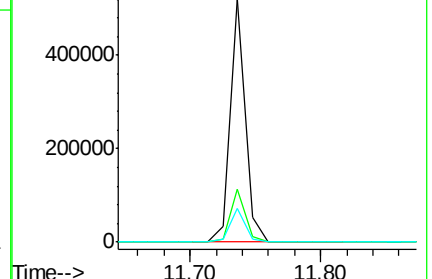
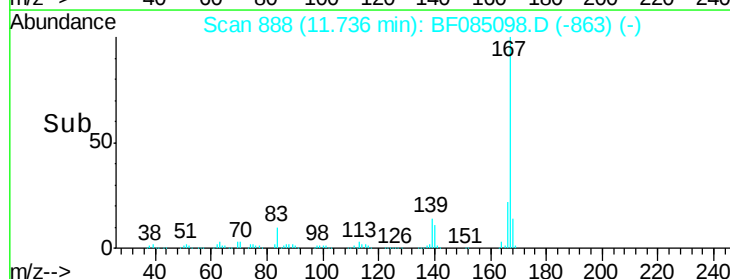
139 14.0 11.8 17.8

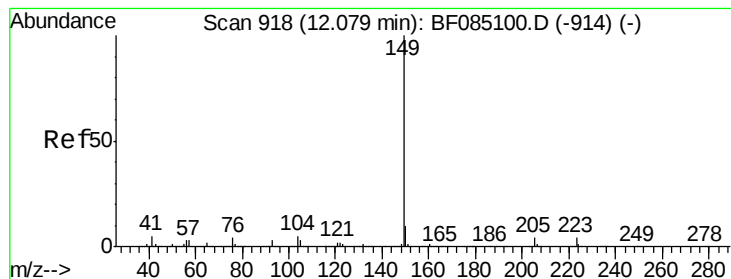


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 11.82 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

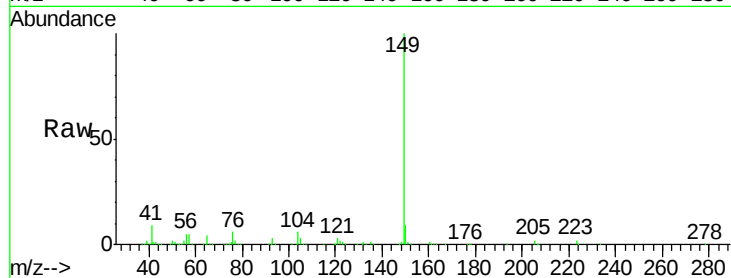
Tgt Ion:149 Resp: 464911

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

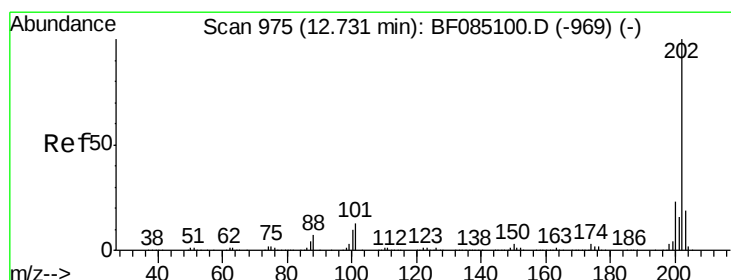
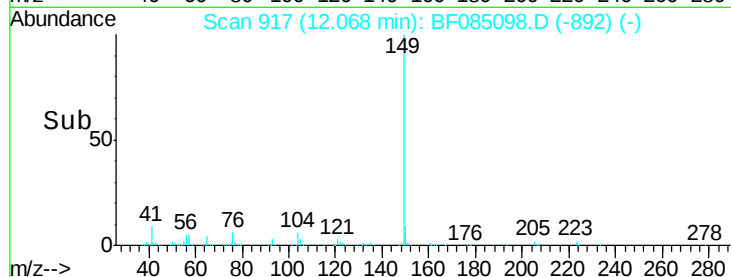
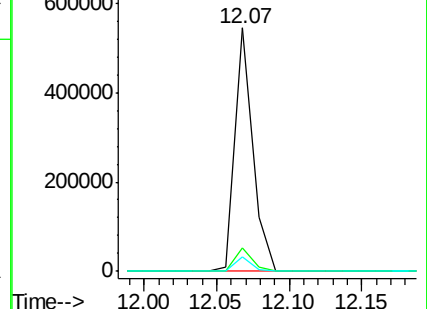
104 5.7 3.7 5.5#



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: 11.45 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

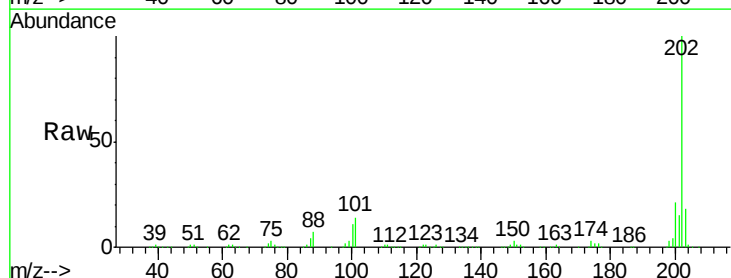
Tgt Ion:202 Resp: 459210

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

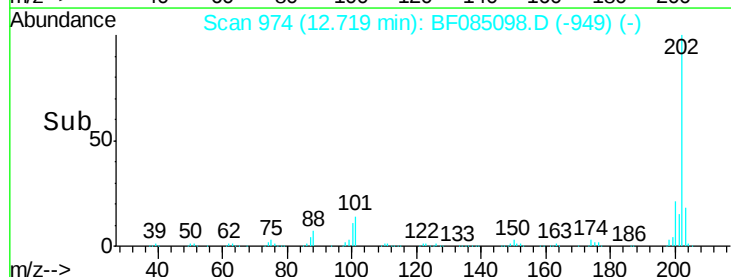
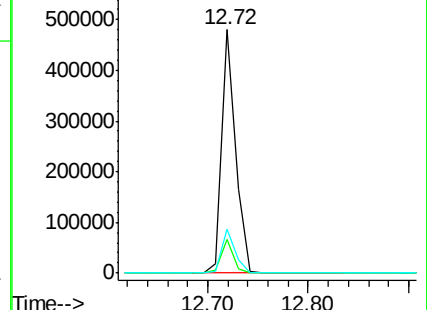
203 18.2 0.0 38.6

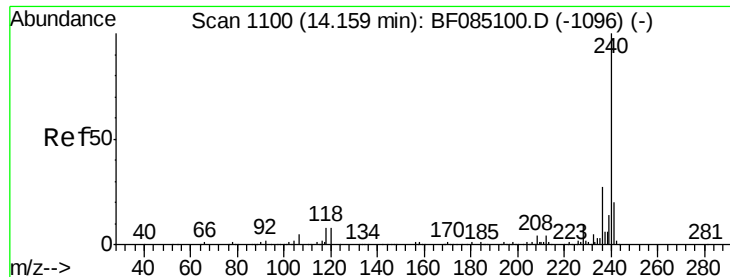


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

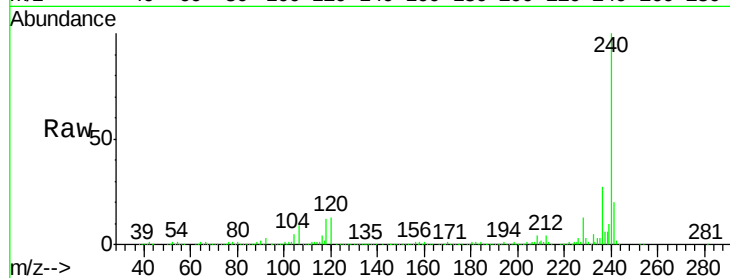
Tgt Ion:240 Resp: 659424

Ion Ratio Lower Upper

240 100

120 13.1 6.7 10.1#

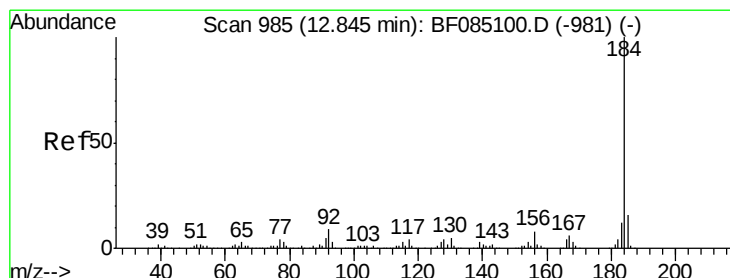
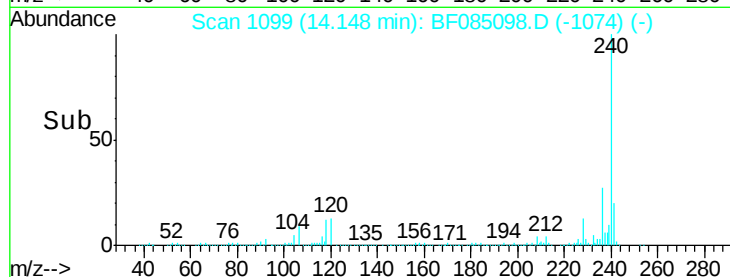
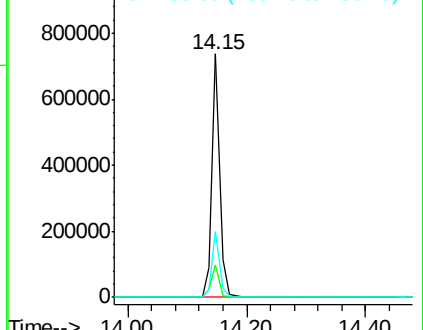
236 26.9 21.6 32.4



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: 10.74 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

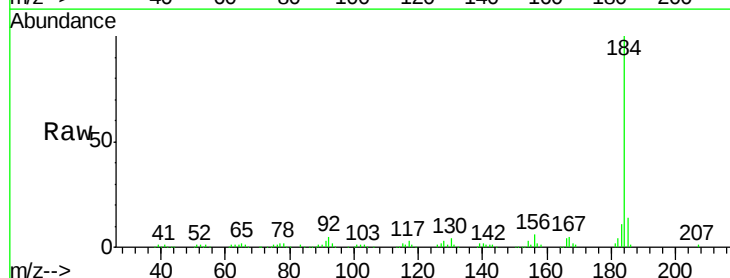
Tgt Ion:184 Resp: 207596

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

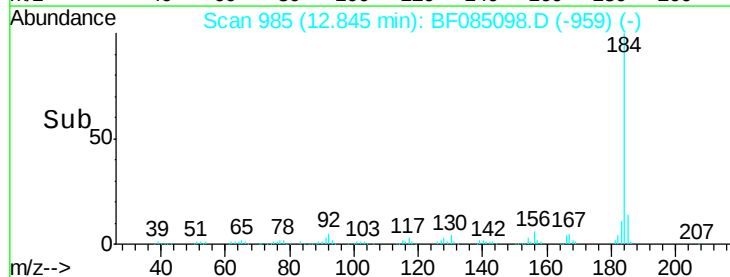
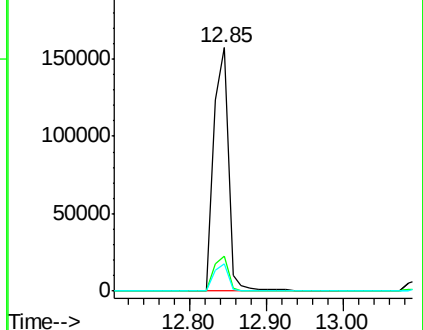
183 11.2 9.5 14.3

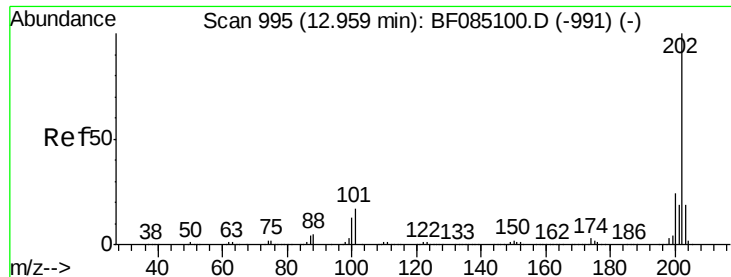


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

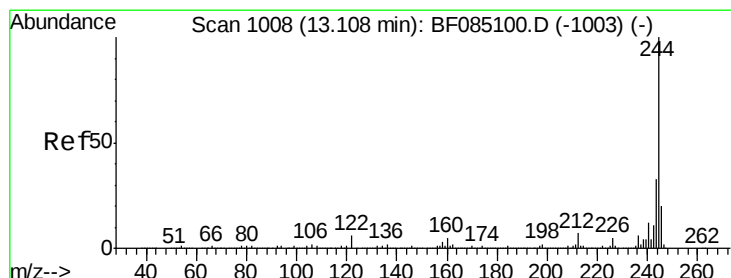
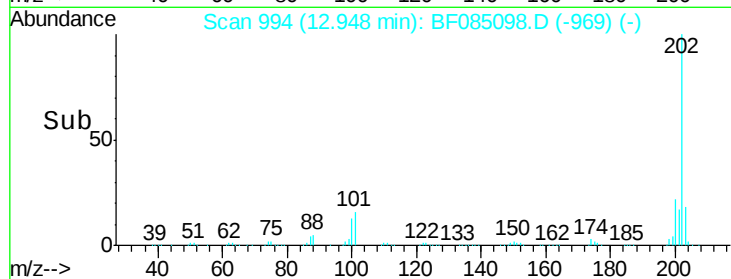
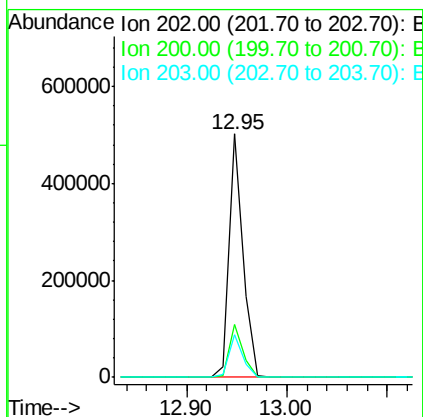
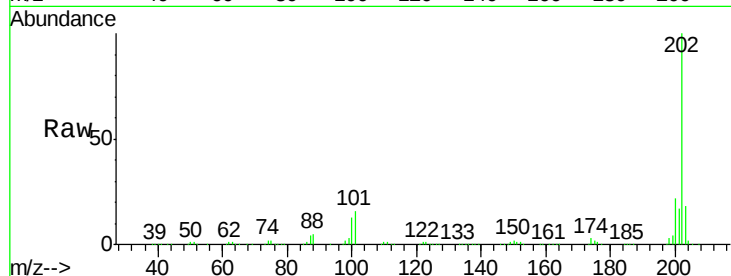




#77  
**Pyrene**  
 Concen: 11.86 ng  
 RT: 12.95 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

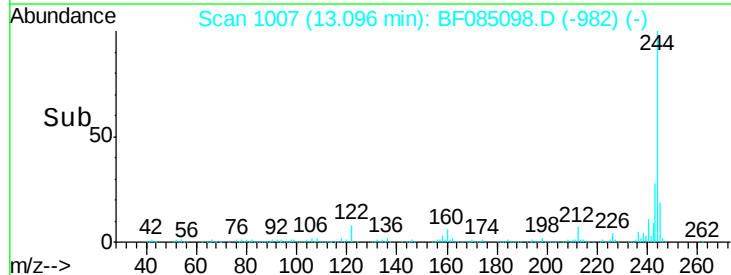
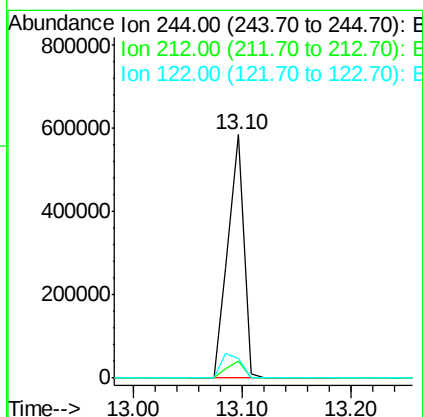
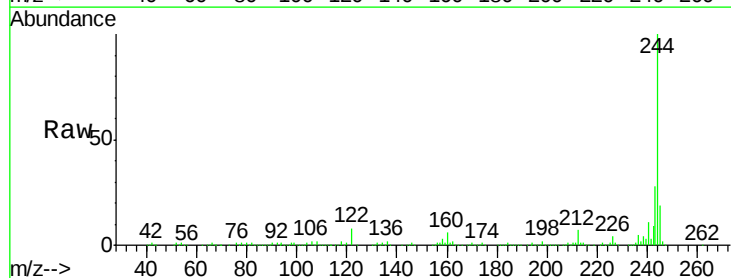
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

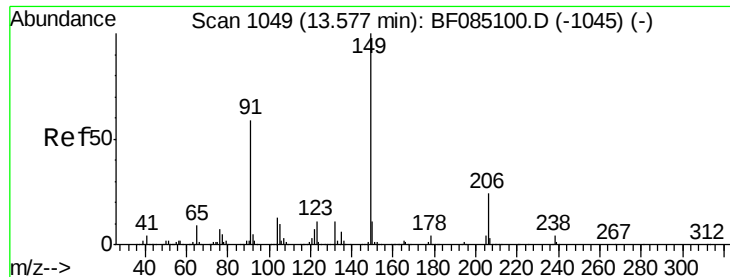
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.7  | 19.0  | 28.6  |
| 203     | 17.6  | 15.0  | 22.6  |



#78  
**Terphenyl-d14**  
 Concen: 24.70 ng  
 RT: 13.10 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BF085098.D  
 Acq: 1 Mar 2016 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.4   | 8.0   |
| 122     | 7.8   | 5.1   | 7.7#  |

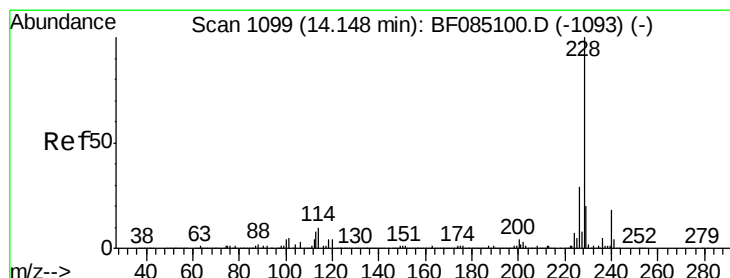
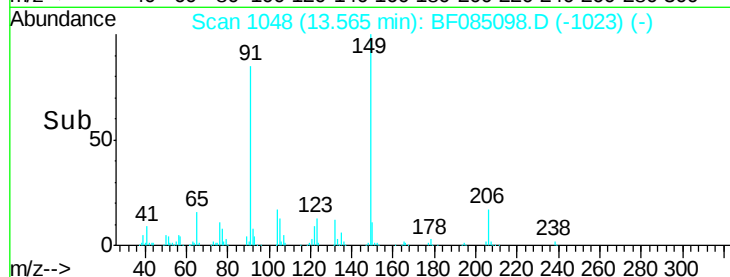
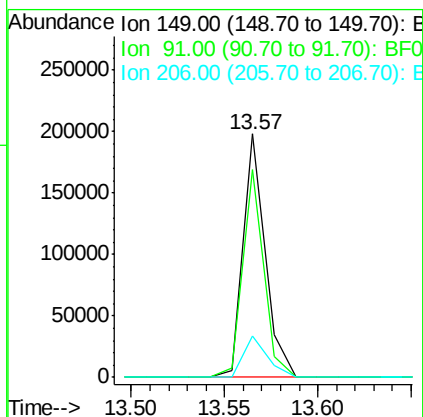
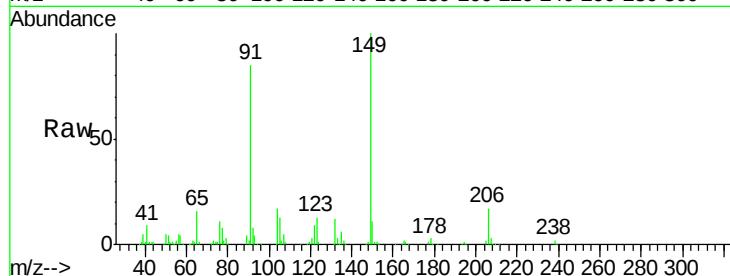




#79  
Butylbenzylphthalate  
Concen: 10.09 ng  
RT: 13.57 min Scan# 1048  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

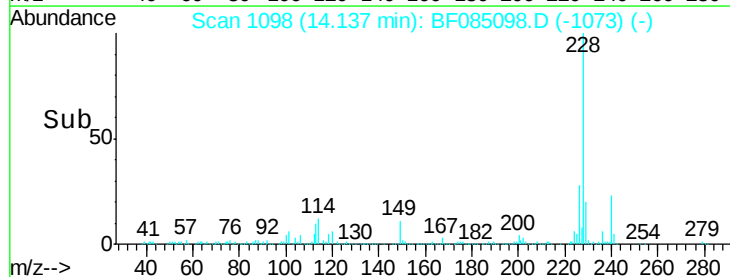
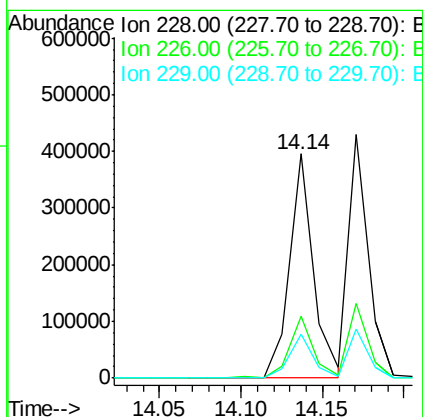
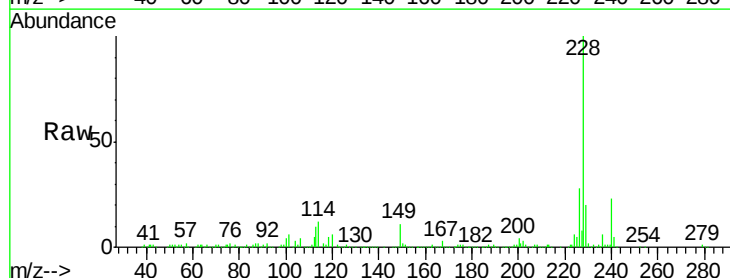
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

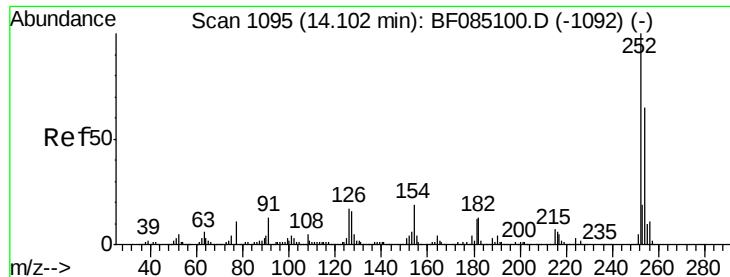
Tgt Ion:149 Resp: 163453  
Ion Ratio Lower Upper  
149 100  
91 85.3 46.9 70.3#  
206 16.8 19.0 28.6#



#80  
Benzo(a)anthracene  
Concen: 10.87 ng  
RT: 14.14 min Scan# 1098  
Delta R.T. -0.01 min  
Lab File: BF085098.D  
Acq: 1 Mar 2016 18:35

Tgt Ion:228 Resp: 402395  
Ion Ratio Lower Upper  
228 100  
226 27.8 23.0 34.4  
229 19.9 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 8.93 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

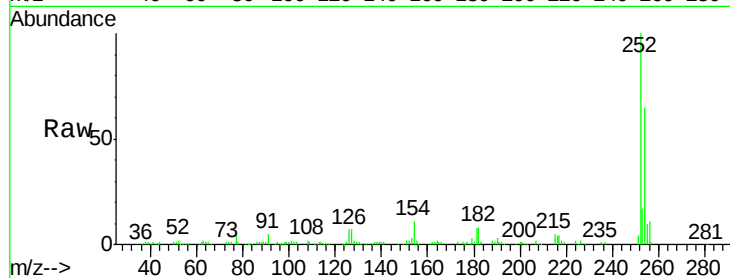
Tgt Ion:252 Resp: 120050

Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

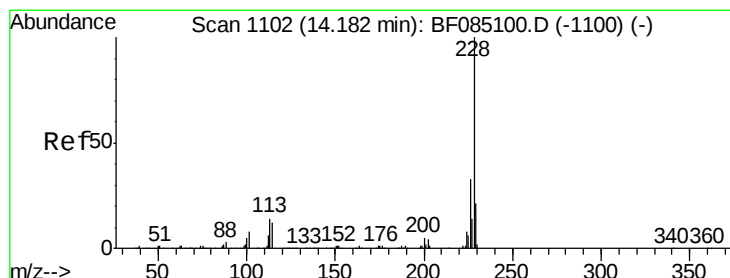
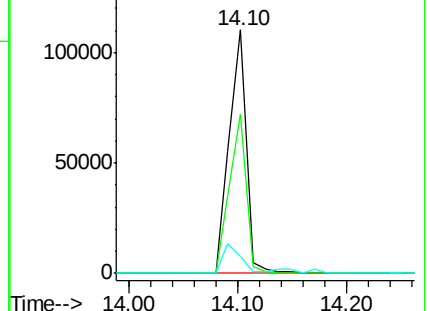
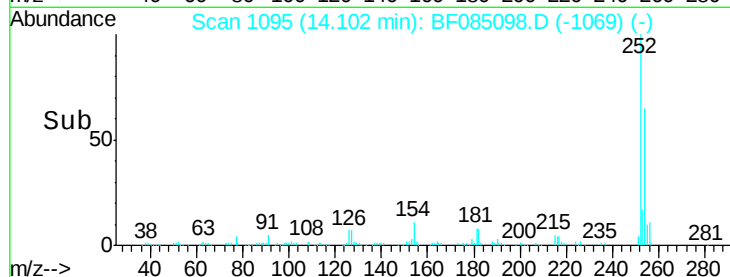
126 7.2 13.2 19.8#



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: 11.03 ng

RT: 14.17 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF085098.D

Acq: 1 Mar 2016 18:35

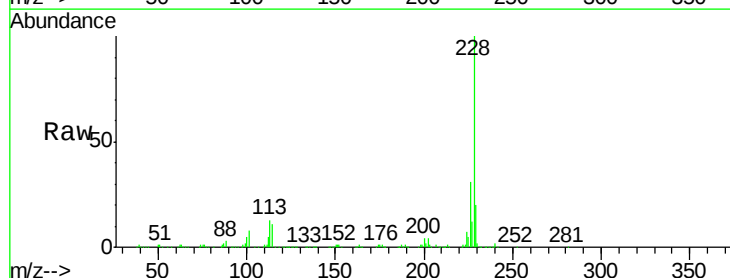
Tgt Ion:228 Resp: 375409

Ion Ratio Lower Upper

228 100

226 30.6 26.2 39.4

229 20.0 16.5 24.7



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

