

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031016\  
 Data File : BF085334.D  
 Acq On : 10 Mar 2016 15:40  
 Operator : UM/SJ  
 Sample : PB88797BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Quant Time: Mar 10 17:01:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:13:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 213459   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 873067   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 397923   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.46 | 188  | 685693   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.11 | 240  | 476083   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.57 | 264  | 373509   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 1147171 | 90.15  | ng | 0.02  |
| 7) Phenol-d6             | 6.57  | 99  | 1411539 | 84.66  | ng | 0.01  |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 917591  | 56.24  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.78 | 330 | 360796  | 105.96 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 1594340 | 60.93  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.05 | 244 | 1279249 | 62.38  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 153880  | 23.65 | ng | 97     |
| 3) Pyridine                    | 3.44 | 79  | 414240  | 25.43 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 193805  | 27.80 | ng | 97     |
| 6) Aniline                     | 6.60 | 93  | 536023  | 22.94 | ng | 99     |
| 8) 2-Chlorophenol              | 6.72 | 128 | 408359  | 26.65 | ng | 96     |
| 9) Benzaldehyde                | 6.48 | 77  | 104827  | 9.99  | ng | 99     |
| 10) Phenol                     | 6.58 | 94  | 621459  | 34.80 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 418009  | 28.18 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 455742  | 27.71 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 455742  | 27.65 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 444883  | 29.74 | ng | 100    |
| 15) Benzyl Alcohol             | 7.08 | 79  | 351848  | 28.75 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 526546  | 24.63 | ng | 100    |
| 17) 2-Methylphenol             | 7.19 | 107 | 350450  | 28.03 | ng | 97     |
| 18) Hexachloroethane           | 7.45 | 117 | 167338  | 27.52 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 267150  | 24.58 | ng | # 90   |
| 20) 3+4-Methylphenols          | 7.34 | 107 | 434449  | 29.34 | ng | 95     |
| 22) Acetophenone               | 7.35 | 105 | 534683  | 25.09 | ng | # 98   |
| 24) Nitrobenzene               | 7.52 | 77  | 441157  | 26.62 | ng | 99     |
| 25) Isophorone                 | 7.76 | 82  | 829558  | 27.44 | ng | 99     |
| 26) 2-Nitrophenol              | 7.84 | 139 | 246941  | 30.62 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 7.88 | 122 | 424656  | 28.81 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 491671  | 29.20 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 380748  | 32.03 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 357634  | 27.83 | ng | 100    |
| 31) Naphthalene                | 8.25 | 128 | 1197072 | 27.88 | ng | 98     |
| 32) Benzoic acid               | 7.98 | 122 | 231292  | 23.62 | ng | 98     |
| 33) 4-Chloroaniline            | 8.29 | 127 | 306031  | 17.62 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 197423  | 29.52 | ng | 99     |
| 35) Caprolactam                | 8.70 | 113 | 42167   | 10.86 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 390674  | 28.97 | ng | # 83   |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 823851  | 29.90 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 329667  | 28.97 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 380666  | 62.02 | ng | 98     |

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 ALS Vial : 7 Sample Multiplier: 1

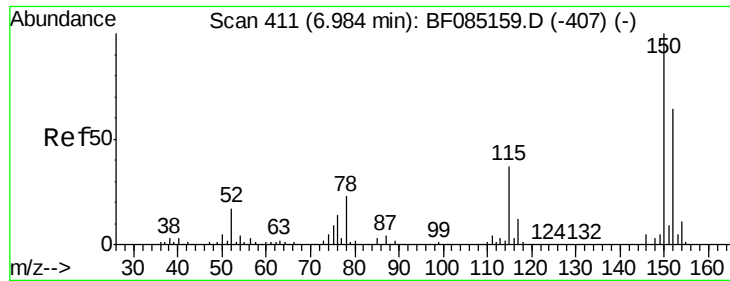
Instrument :  
 BNA\_F  
 ClientSampleId :  
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Quant Time: Mar 10 17:01:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
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 QLast Update : Thu Mar 10 16:13:07 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 253719   | 29.95 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.26  | 196  | 265914   | 33.11 | ng    | # 91     |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 980475   | 28.84 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 9.43  | 162  | 770005   | 29.71 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.52  | 65   | 243227   | 30.29 | ng    | # 82     |
| 48) Acenaphthylene             | 9.84  | 152  | 1131030  | 28.04 | ng    | 98       |
| 49) Dimethylphthalate          | 9.70  | 163  | 871275   | 28.53 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.76  | 165  | 182176   | 27.88 | ng    | 88       |
| 51) Acenaphthene               | 10.01 | 154  | 749884   | 30.62 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.93  | 138  | 174464   | 22.32 | ng    | 93       |
| 53) 2,4-Dinitrophenol          | 10.04 | 184  | 163871   | 52.49 | ng    | # 55     |
| 54) Dibenzofuran               | 10.18 | 168  | 954169   | 29.74 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.09 | 139  | 342285   | 55.72 | ng    | # 80     |
| 56) 2,4-Dinitrotoluene         | 10.17 | 165  | 266081   | 31.82 | ng    | # 67     |
| 57) Fluorene                   | 10.53 | 166  | 742322   | 29.45 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.30 | 232  | 184507   | 32.70 | ng    | 96       |
| 59) Diethylphthalate           | 10.40 | 149  | 856789   | 28.91 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.53 | 204  | 364567   | 29.73 | ng    | # 80     |
| 61) 4-Nitroaniline             | 10.55 | 138  | 239114   | 32.70 | ng    | 95       |
| 62) Azobenzene                 | 10.68 | 77   | 921866   | 31.57 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.57 | 198  | 122286   | 29.78 | ng    | # 66     |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 703373   | 32.98 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.01 | 248  | 199619   | 29.98 | ng    | # 85     |
| 67) Hexachlorobenzene          | 11.08 | 284  | 211963   | 29.84 | ng    | # 83     |
| 68) Atrazine                   | 11.17 | 200  | 215743   | 36.37 | ng    | 97       |
| 69) Pentachlorophenol          | 11.27 | 266  | 236364   | 59.95 | ng    | 99       |
| 70) Phenanthrene               | 11.49 | 178  | 1034397  | 28.79 | ng    | 98       |
| 71) Anthracene                 | 11.54 | 178  | 1104894  | 28.96 | ng    | 99       |
| 72) Carbazole                  | 11.69 | 167  | 862858   | 25.79 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.03 | 149  | 1117229  | 26.42 | ng    | 99       |
| 74) Fluoranthene               | 12.68 | 202  | 992236   | 27.51 | ng    | 97       |
| 76) Benzidine                  | 12.80 | 184  | 552563   | 39.00 | ng    | 98       |
| 77) Pyrene                     | 12.91 | 202  | 1031801  | 28.79 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.52 | 149  | 456219   | 28.06 | ng    | 94       |
| 80) Benzo(a)anthracene         | 14.09 | 228  | 807969   | 28.35 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.06 | 252  | 134778   | 14.99 | ng    | # 96     |
| 82) Chrysene                   | 14.14 | 228  | 768944   | 29.21 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 579234   | 27.07 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.70 | 149  | 940686   | 28.87 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 655526   | 31.90 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.15 | 252  | 694266   | 27.89 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 694266   | 34.57 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.51 | 252  | 613530   | 29.74 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.04 | 278  | 550669   | 31.27 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.48 | 276  | 558440   | 31.54 | ng    | # 94     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. 0.00 min

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BNA\_F

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PB88797BS

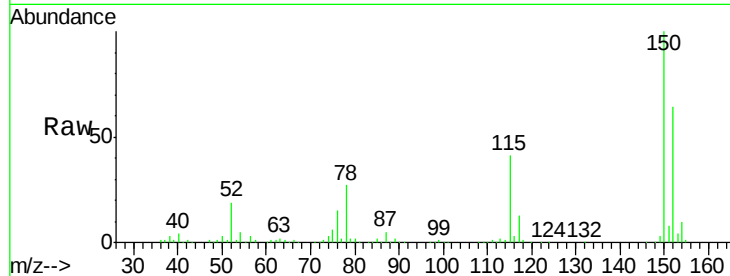
Tgt Ion:152 Resp: 213459

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

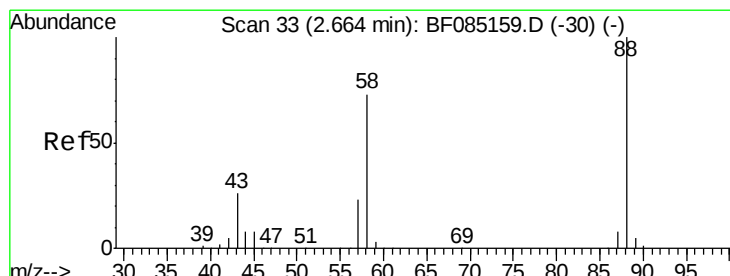
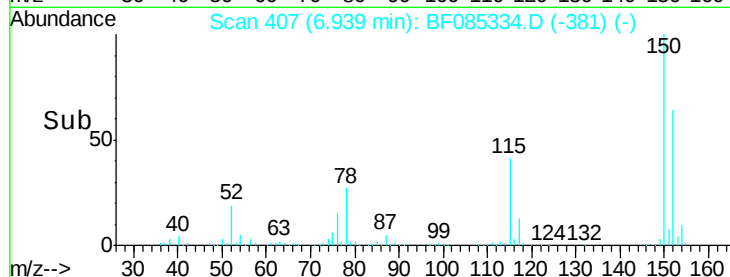
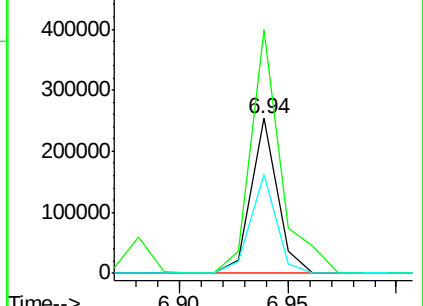
115 64.4 46.6 70.0



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: 23.65 ng

RT: 2.69 min Scan# 35

Delta R.T. 0.09 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

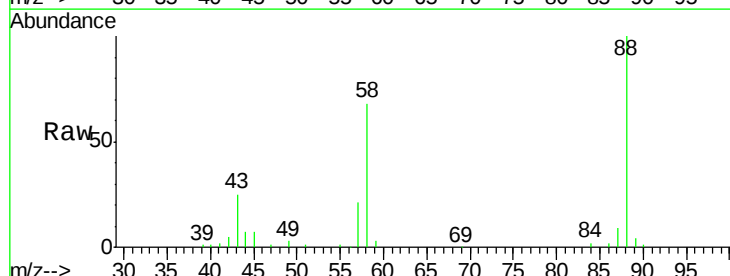
Tgt Ion: 88 Resp: 153880

Ion Ratio Lower Upper

88 100

58 68.3 57.0 85.6

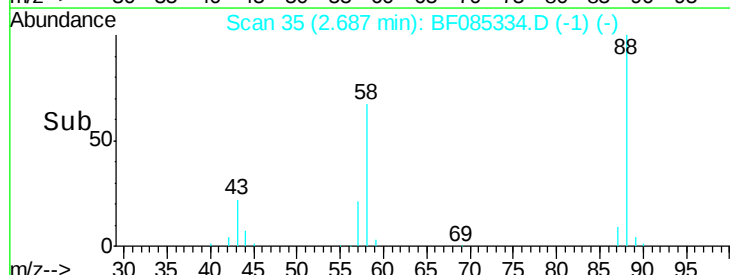
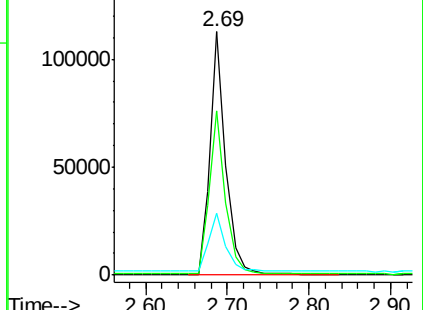
43 26.5 20.5 30.7

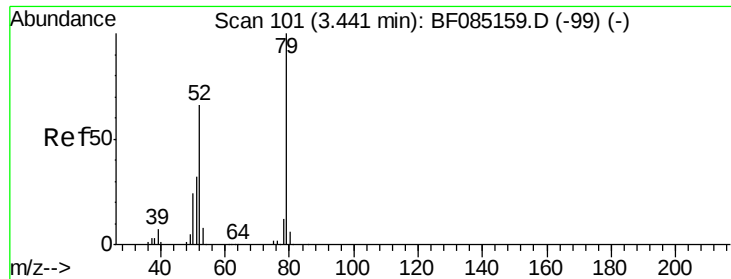


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.43 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

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ClientSampleId :

PB88797BS

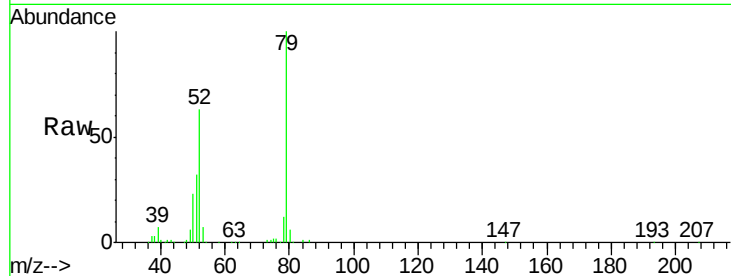
Tgt Ion: 79 Resp: 414240

Ion Ratio Lower Upper

79 100

52 63.0 52.6 79.0

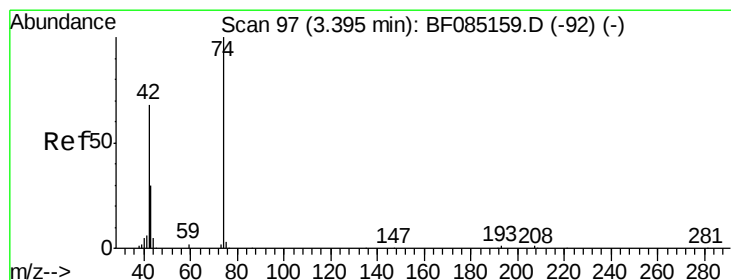
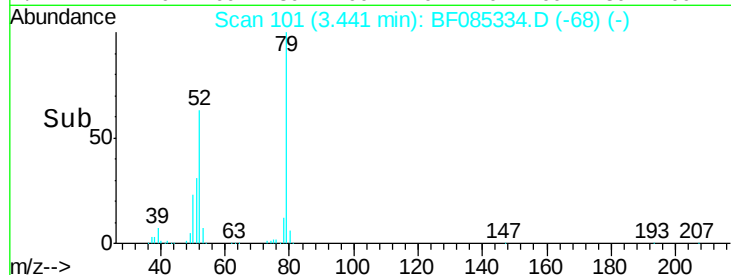
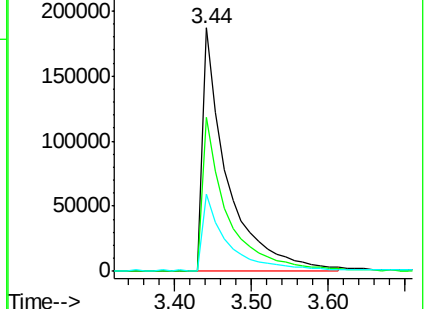
51 31.8 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.80 ng

RT: 3.38 min Scan# 96

Delta R.T. 0.07 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

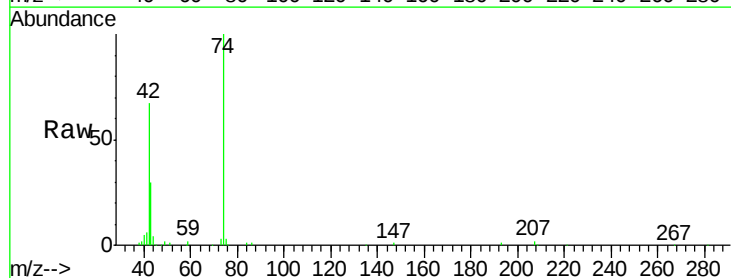
Tgt Ion: 42 Resp: 193805

Ion Ratio Lower Upper

42 100

74 149.7 116.8 175.2

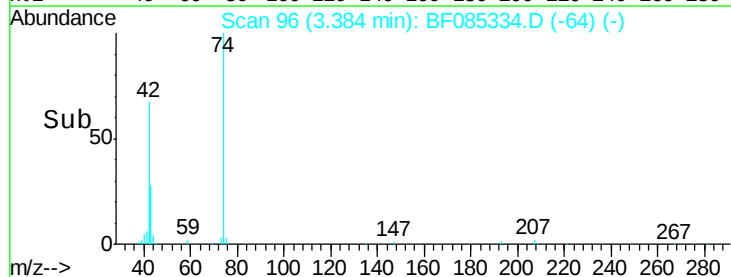
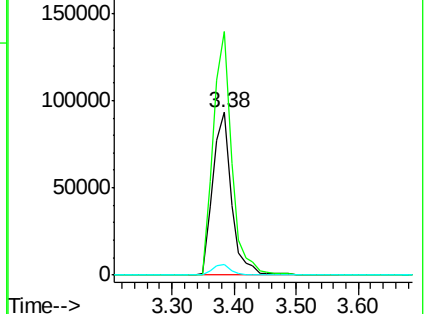
44 6.6 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 90.15 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

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PB88797BS

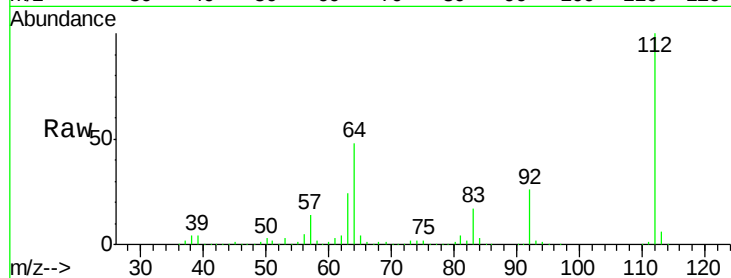
Tgt Ion: 112 Resp: 1147171

Ion Ratio Lower Upper

112 100

64 48.3 49.0 73.4#

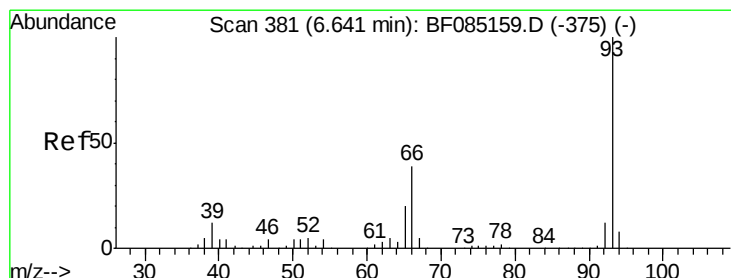
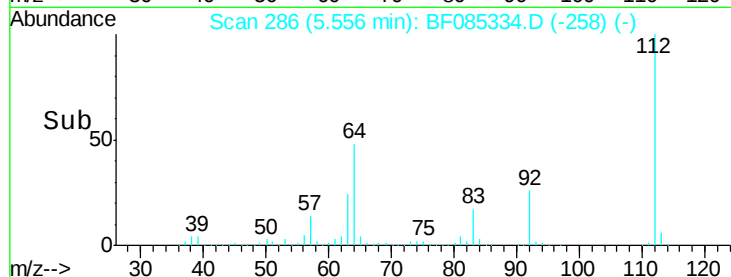
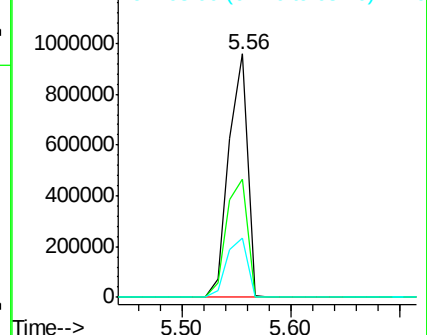
63 24.3 24.8 37.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.94 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

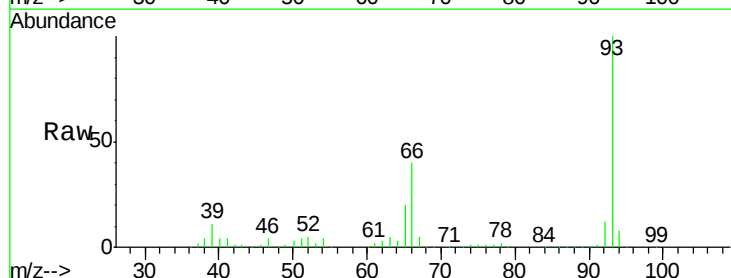
Tgt Ion: 93 Resp: 536023

Ion Ratio Lower Upper

93 100

66 40.1 31.6 47.4

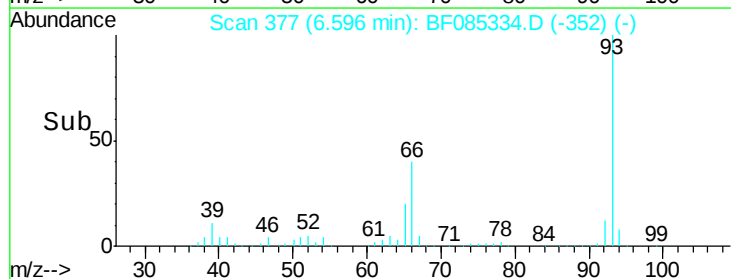
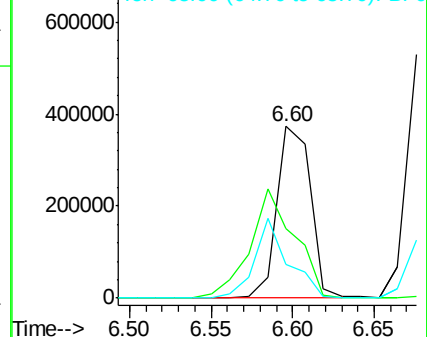
65 19.6 15.8 23.8



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: 84.66 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085334.D

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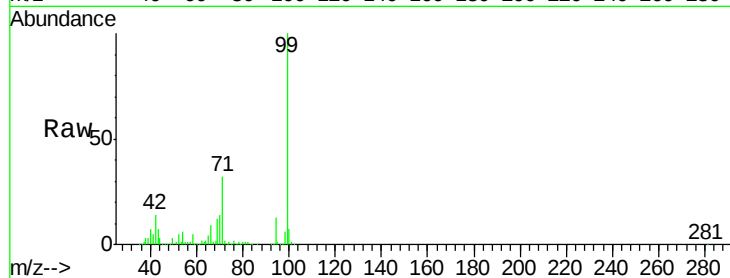
Tgt Ion: 99 Resp: 1411539

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

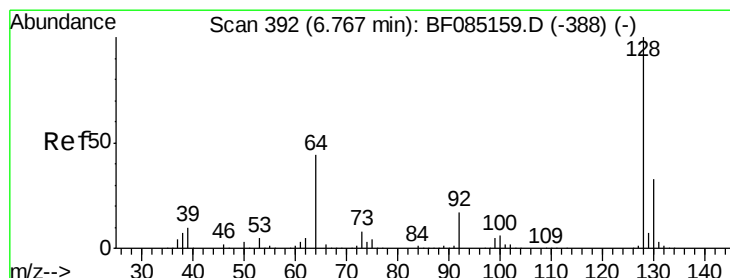
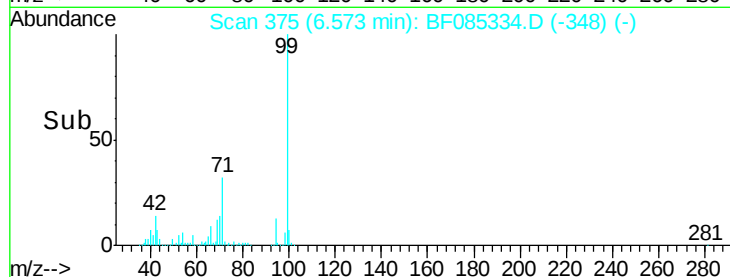
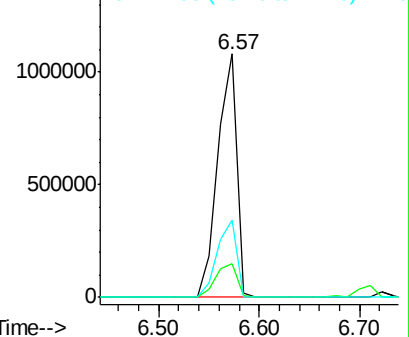
71 31.7 26.7 40.1



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: 26.65 ng

RT: 6.72 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

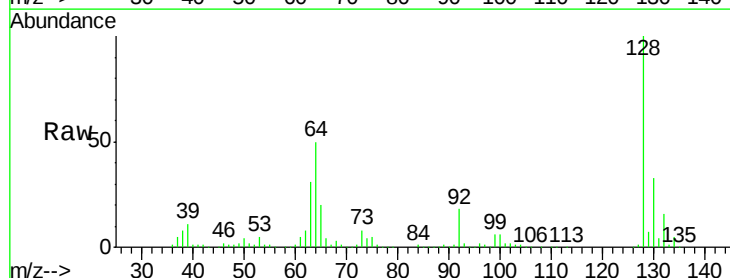
Tgt Ion: 128 Resp: 408359

Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

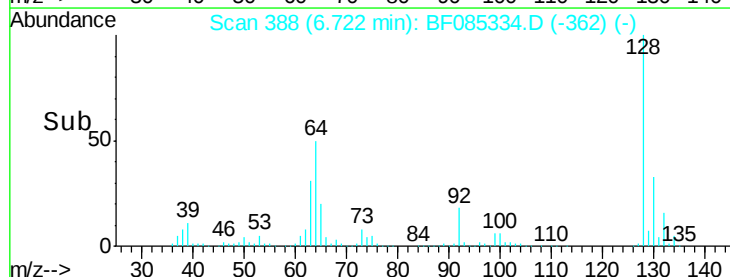
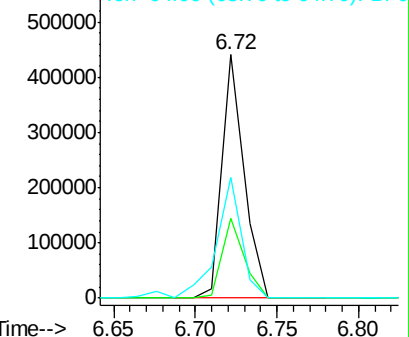
64 49.6 25.7 65.7

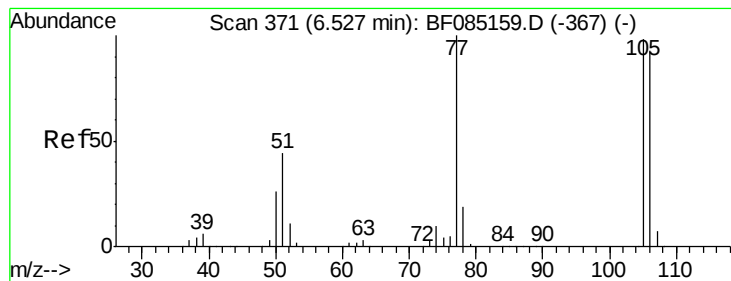


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.99 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.00 min

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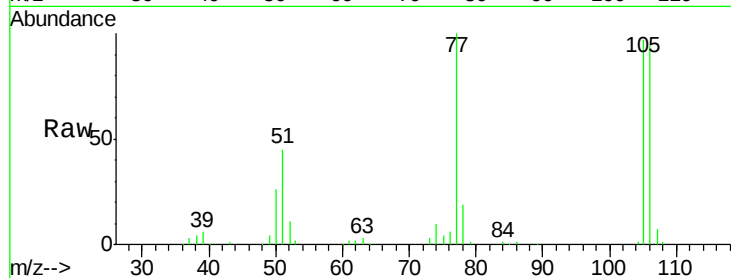
Tgt Ion: 77 Resp: 104827

Ion Ratio Lower Upper

77 100

105 96.7 78.2 118.2

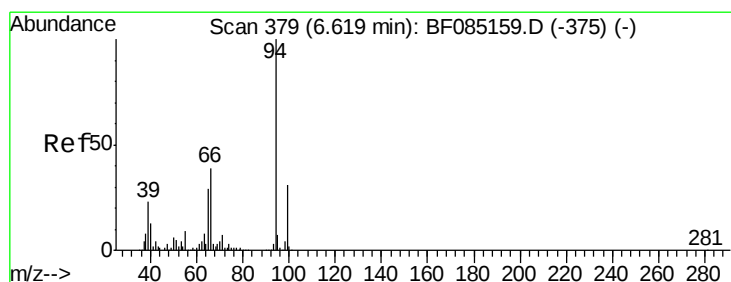
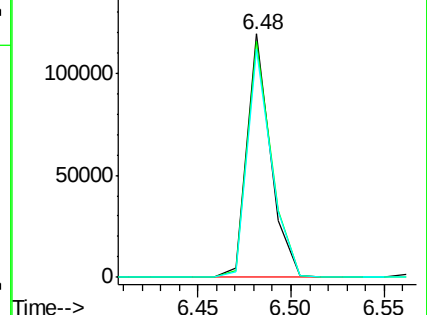
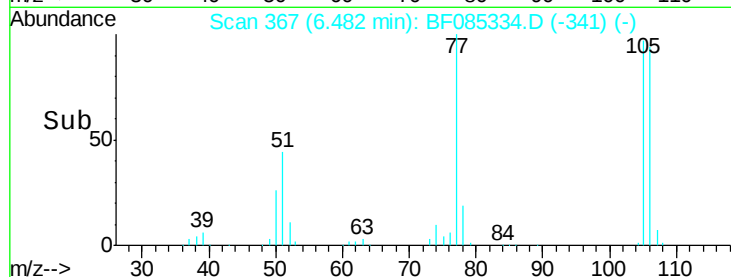
106 93.9 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.80 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

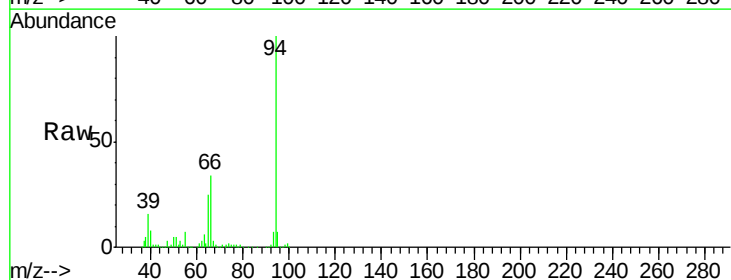
Tgt Ion: 94 Resp: 621459

Ion Ratio Lower Upper

94 100

65 25.1 9.1 49.1

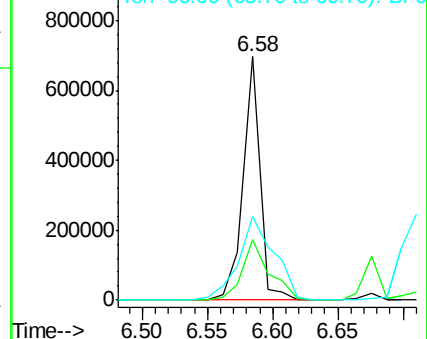
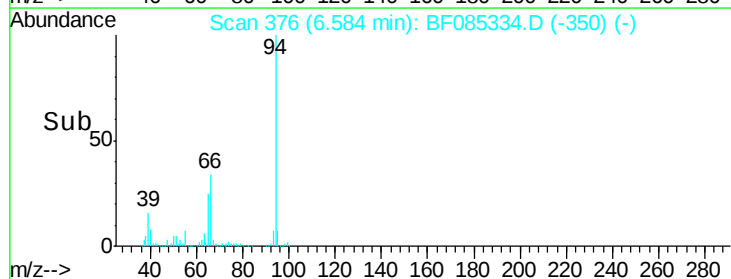
66 34.1 19.3 59.3

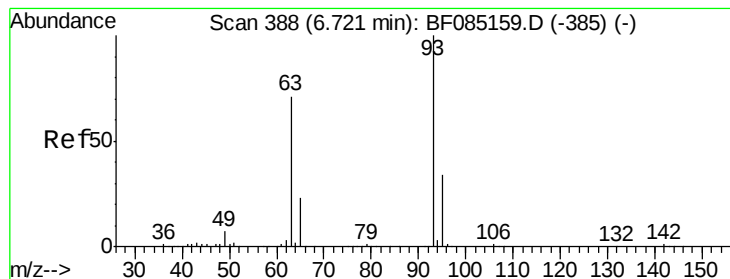


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 28.18 ng

RT: 6.68 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

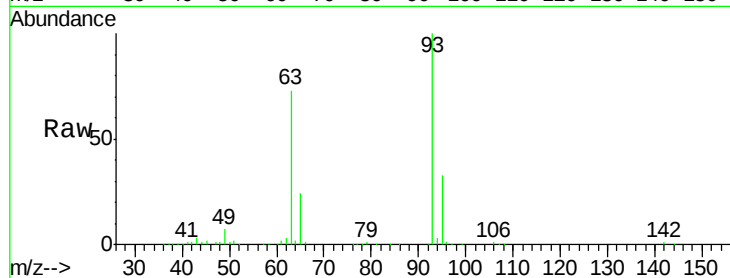
Tgt Ion: 93 Resp: 418009

Ion Ratio Lower Upper

93 100

63 72.5 50.9 90.9

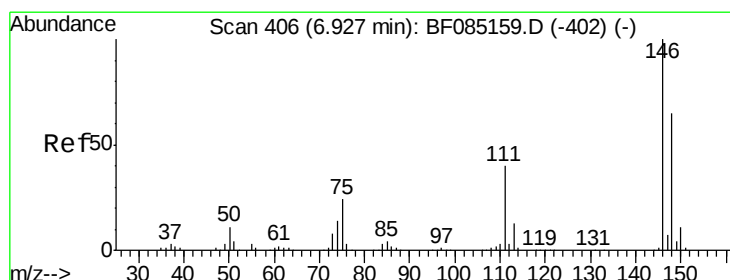
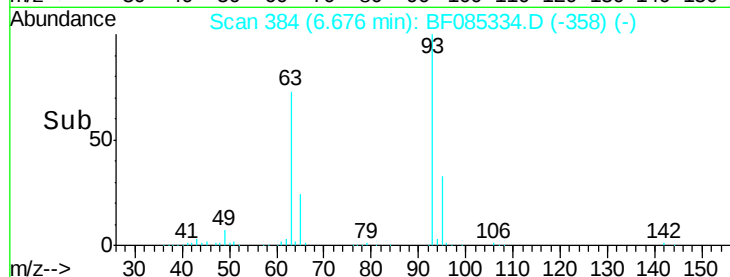
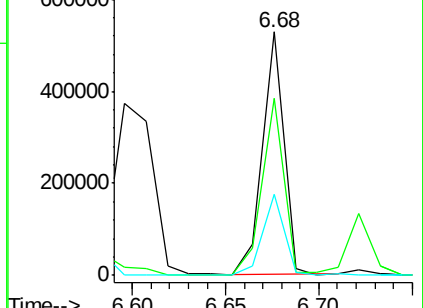
95 33.2 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 27.71 ng

RT: 6.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

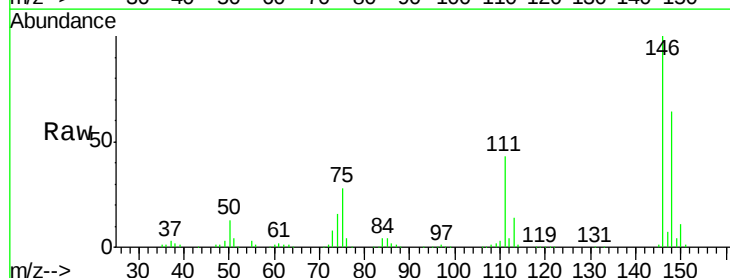
Tgt Ion: 146 Resp: 455742

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

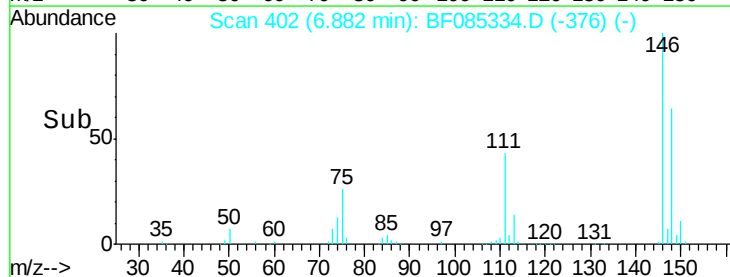
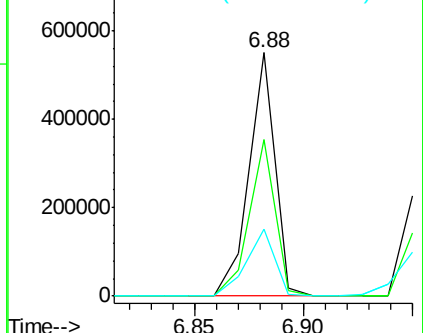
75 27.7 19.5 29.3

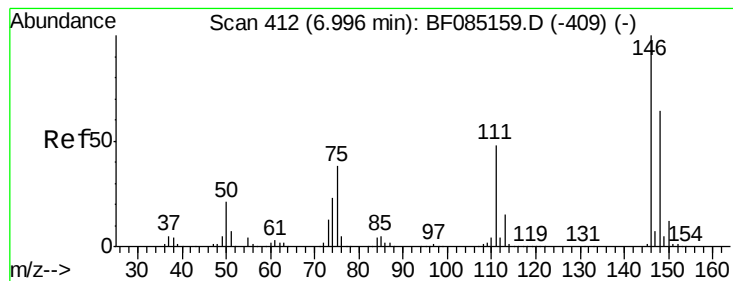


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 27.65 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.08 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

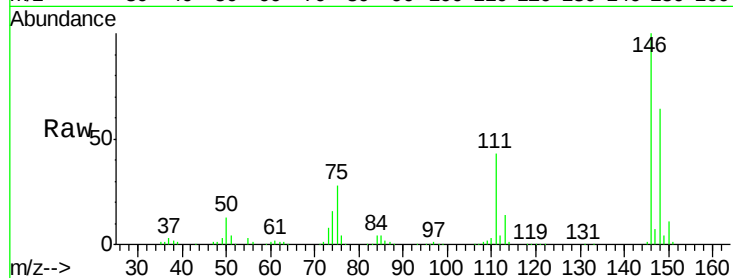
Tgt Ion:146 Resp: 455742

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

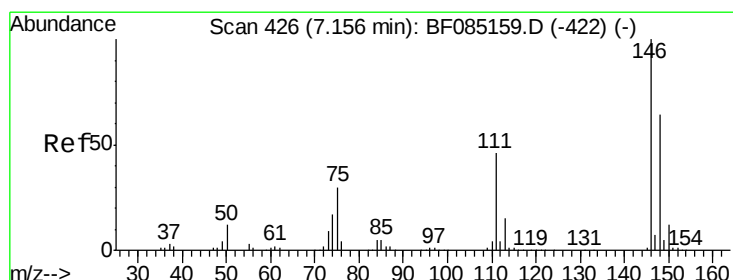
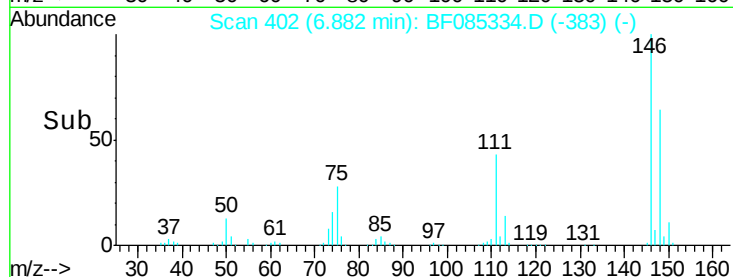
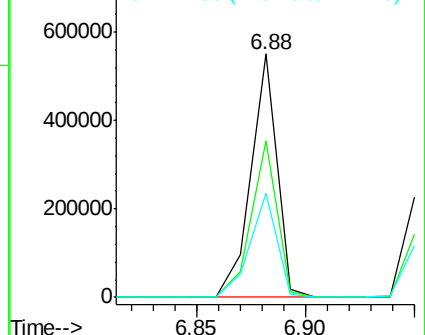
111 43.0 38.4 57.6



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: 29.74 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

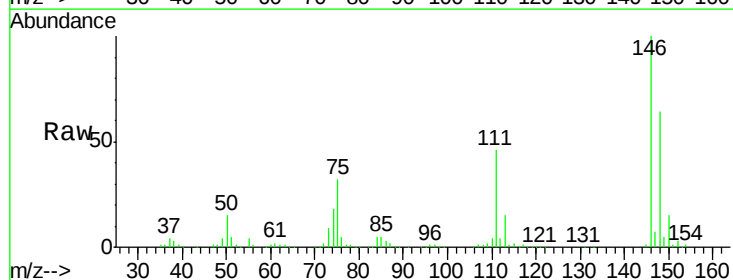
Tgt Ion:146 Resp: 444883

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

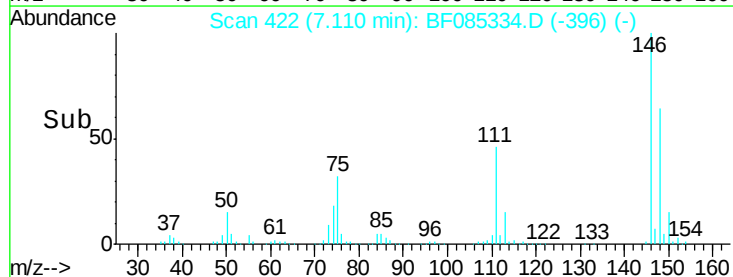
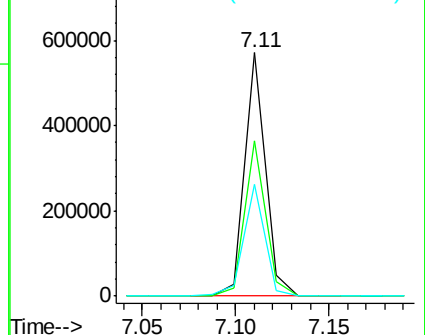
111 46.0 36.7 55.1

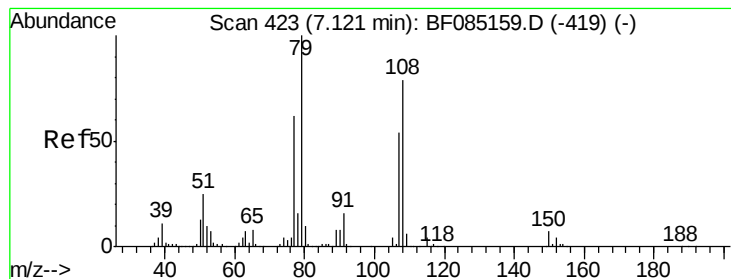


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.75 ng

RT: 7.08 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampled :

PB88797BS

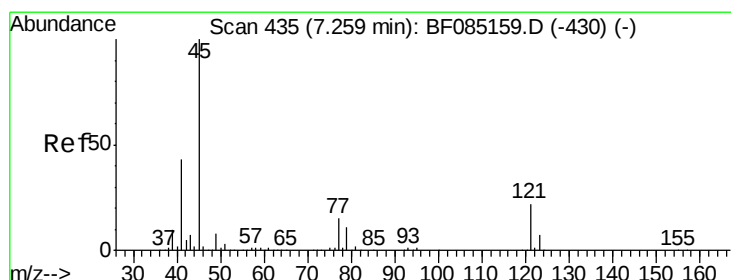
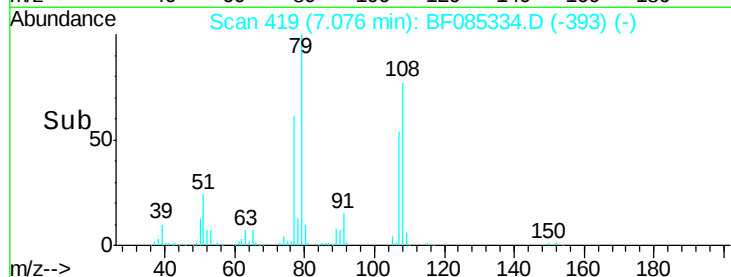
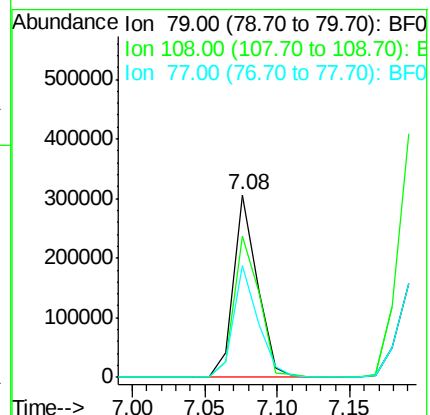
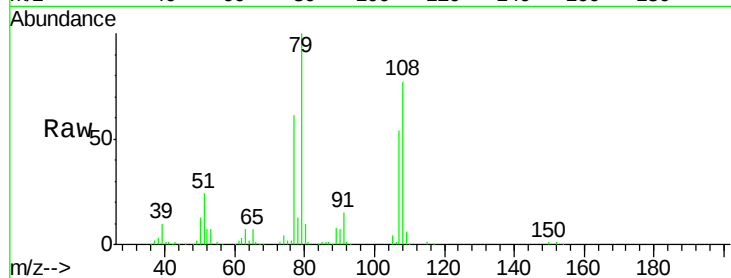
Tgt Ion: 79 Resp: 351848

Ion Ratio Lower Upper

79 100

108 77.2 62.9 94.3

77 61.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.63 ng

RT: 7.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

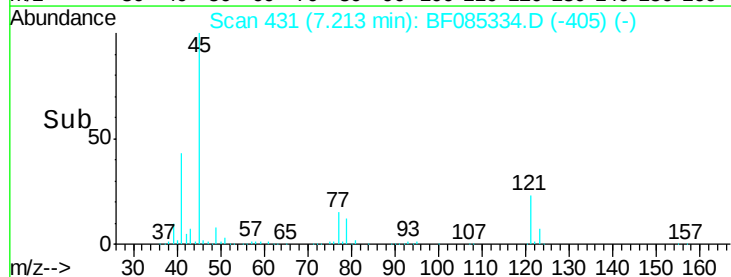
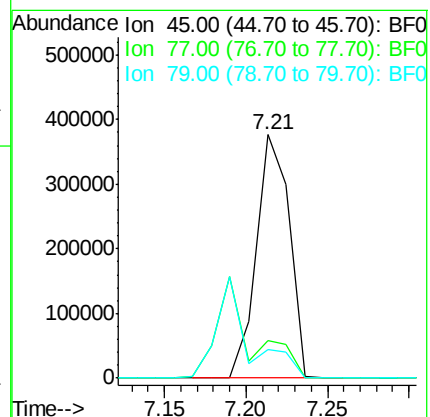
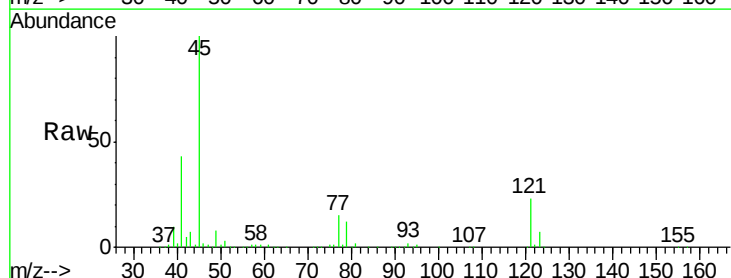
Tgt Ion: 45 Resp: 526546

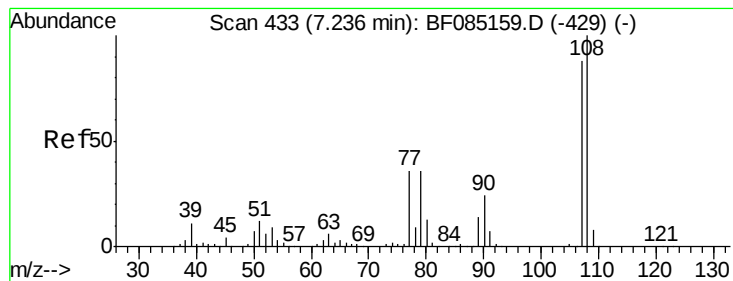
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.1

79 11.6 0.0 31.3





#17

2-Methylphenol

Concen: 28.03 ng

RT: 7.19 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

Tgt Ion:107 Resp: 350450

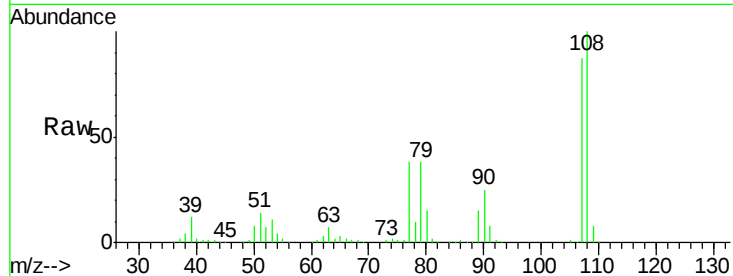
Ion Ratio Lower Upper

107 100

108 114.9 90.9 136.3

77 44.2 32.6 48.8

79 44.1 32.8 49.2

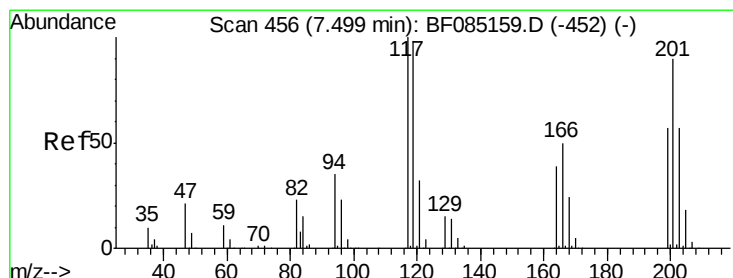
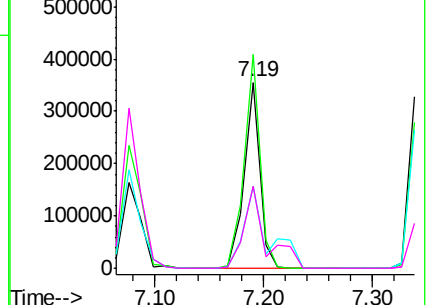
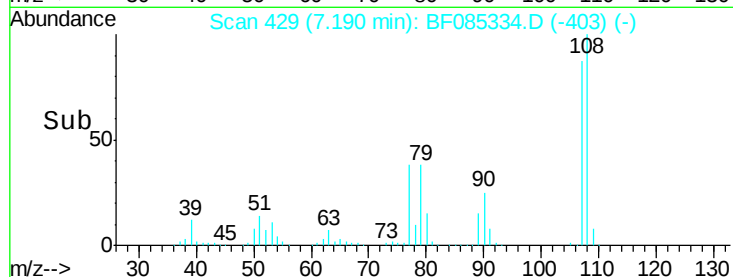


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 27.52 ng

RT: 7.45 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

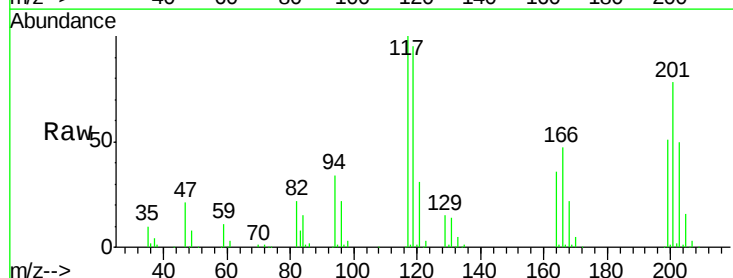
Tgt Ion:117 Resp: 167338

Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.4

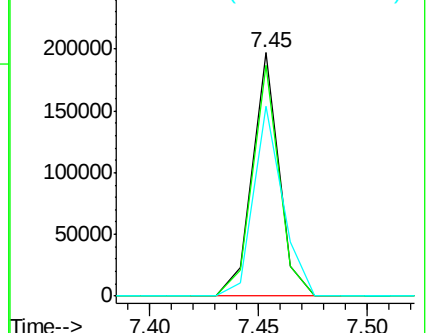
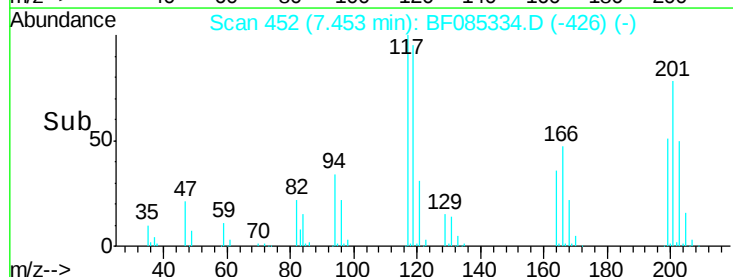
201 77.8 72.0 108.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

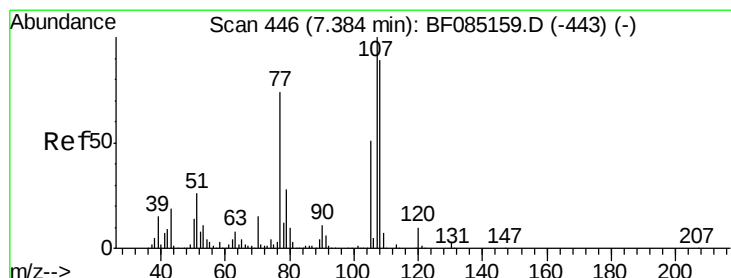
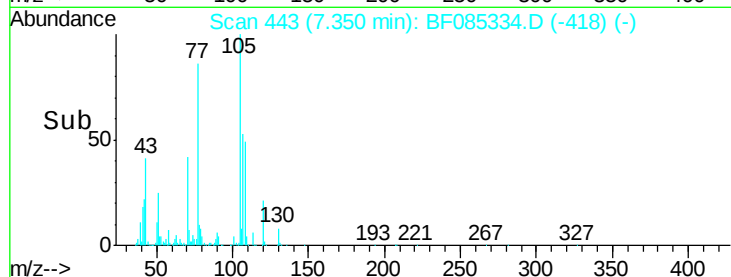
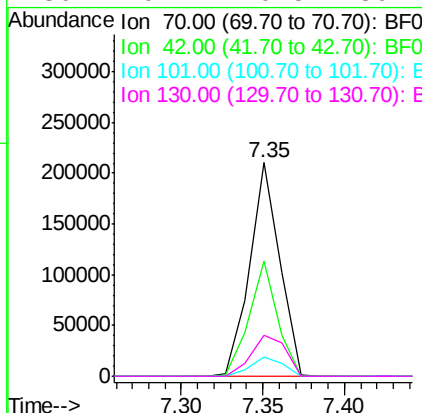
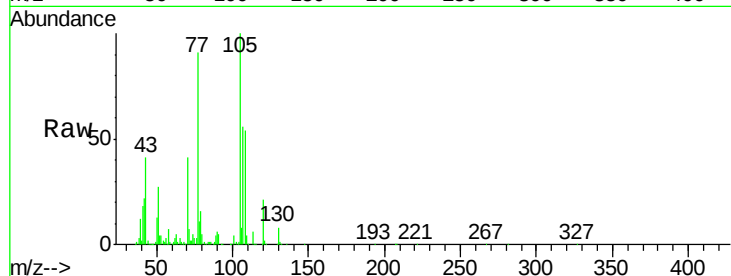




#19  
n-Nitroso-di-n-propylamine  
Concen: 24.58 ng  
RT: 7.35 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

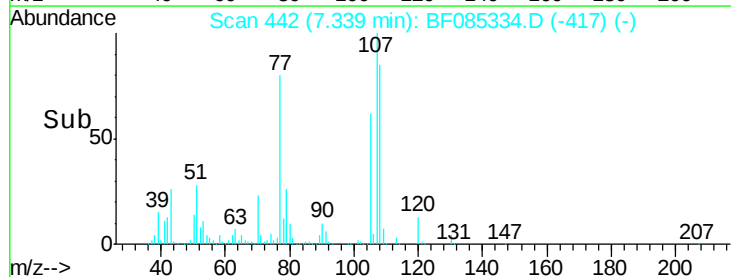
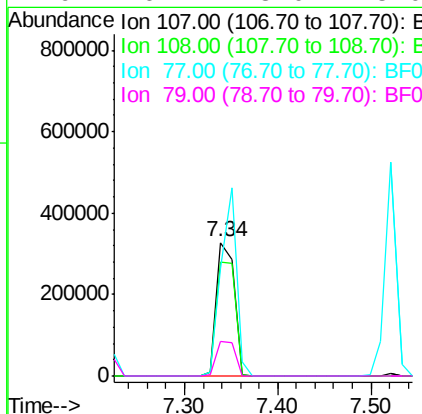
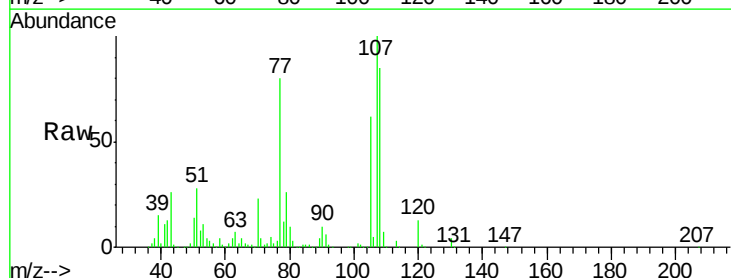
Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

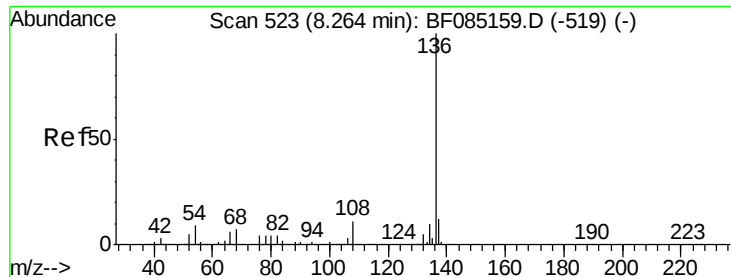
Tgt Ion: 70 Resp: 267150  
Ion Ratio Lower Upper  
70 100  
42 54.1 37.7 56.5  
101 9.2 8.2 12.4  
130 19.4 20.5 30.7#



#20  
3+4-Methylphenols  
Concen: 29.34 ng  
RT: 7.34 min Scan# 442  
Delta R.T. -0.01 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion: 107 Resp: 434449  
Ion Ratio Lower Upper  
107 100  
108 85.3 68.8 108.8  
77 80.3 53.6 93.6  
79 26.1 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

Tgt Ion:136 Resp: 873067

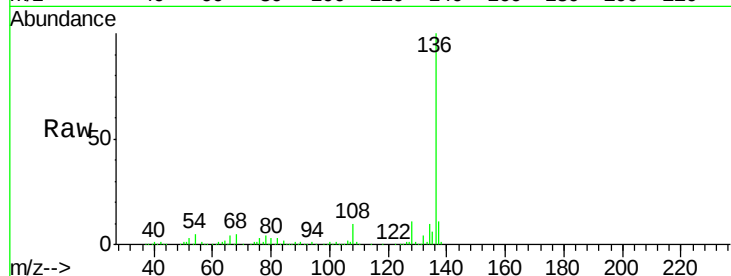
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 5.3 7.4 11.2#

68 4.7 6.0 9.0#



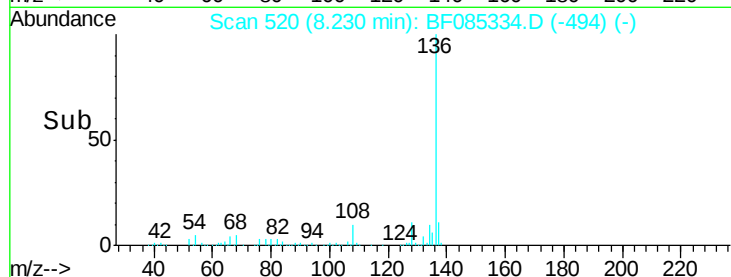
Abundance

Ion 136.00 (135.70 to 136.70): E

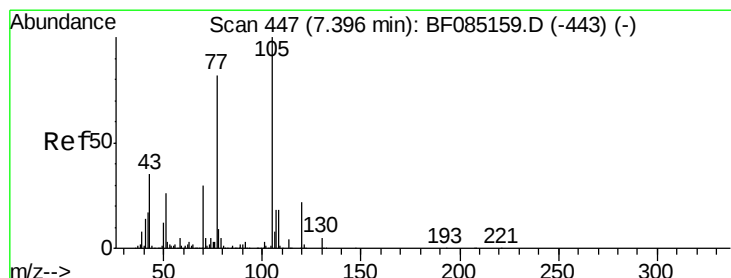
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 25.09 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:105 Resp: 534683

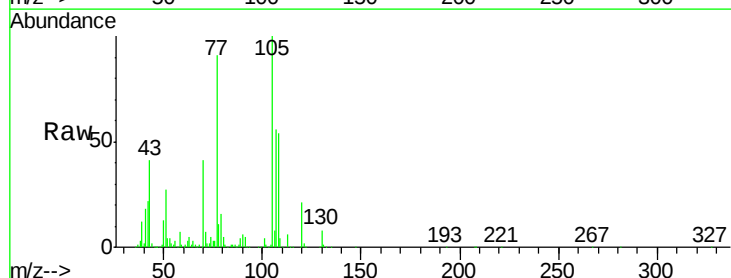
Ion Ratio Lower Upper

105 100

71 7.1 4.1 6.1#

51 27.2 21.1 31.7

120 21.2 17.3 25.9



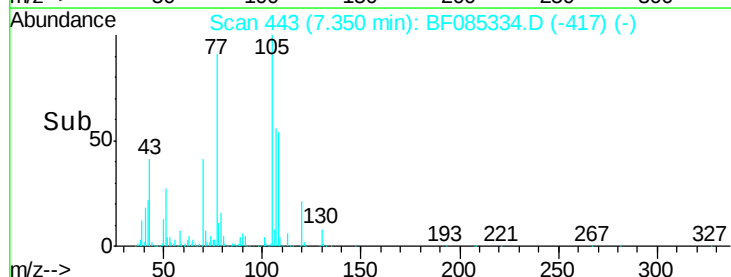
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



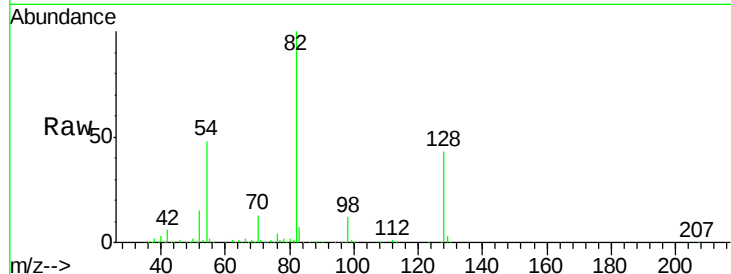
Time-->



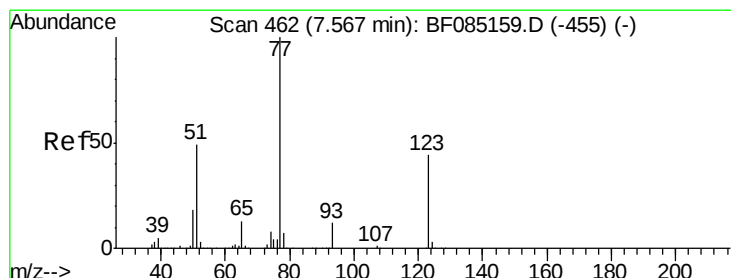
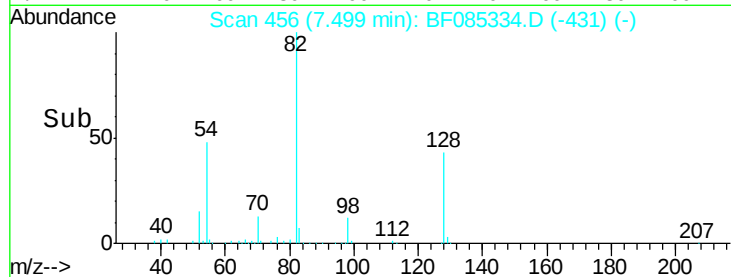
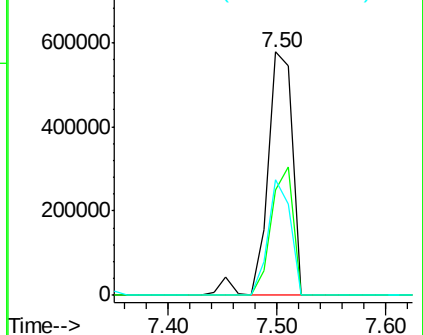
#23  
 Nitrobenzene-d5  
 Concen: 56.24 ng  
 RT: 7.50 min Scan# 456  
 Delta R.T. -0.01 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.4  | 34.5  | 51.7  |
| 54      | 47.6  | 39.3  | 58.9  |

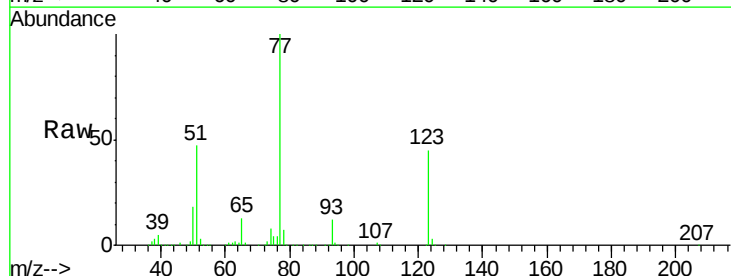


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

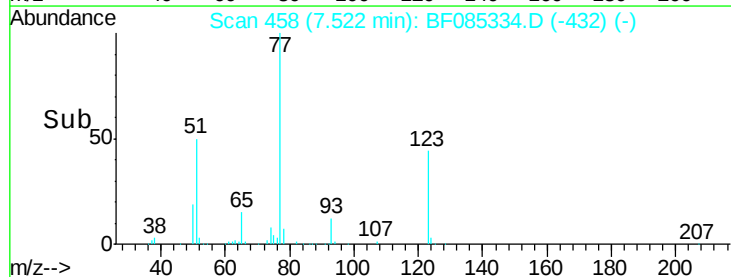
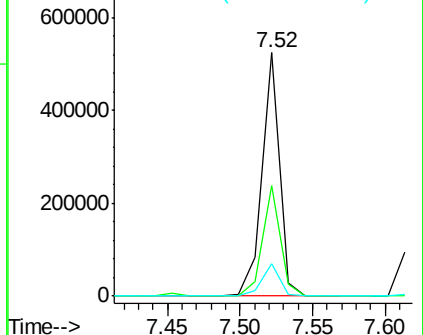


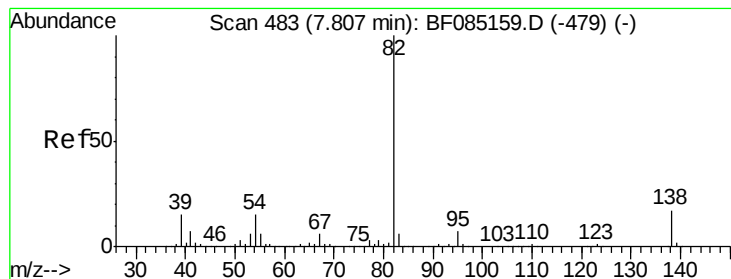
#24  
 Nitrobenzene  
 Concen: 26.62 ng  
 RT: 7.52 min Scan# 458  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.3  | 35.4  | 53.2  |
| 65      | 13.3  | 10.6  | 16.0  |



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





#25

Isophorone

Concen: 27.44 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

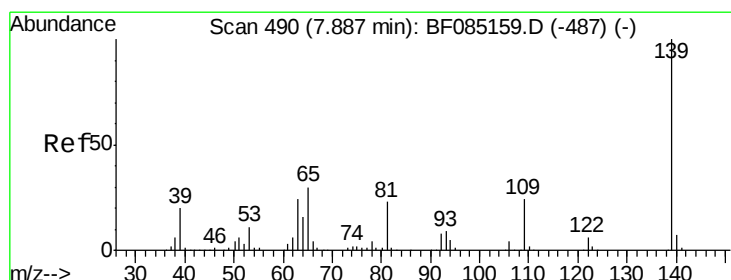
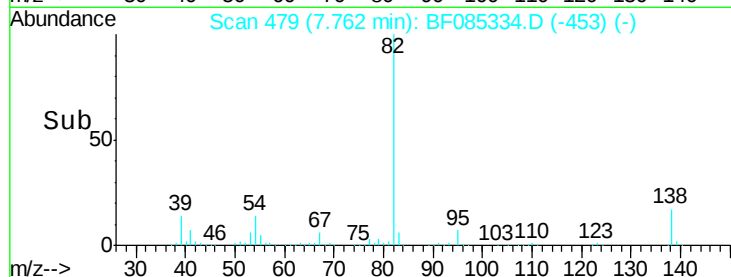
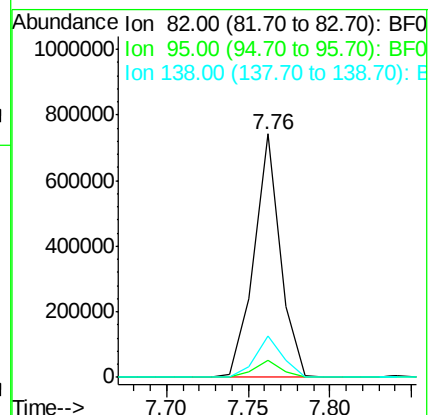
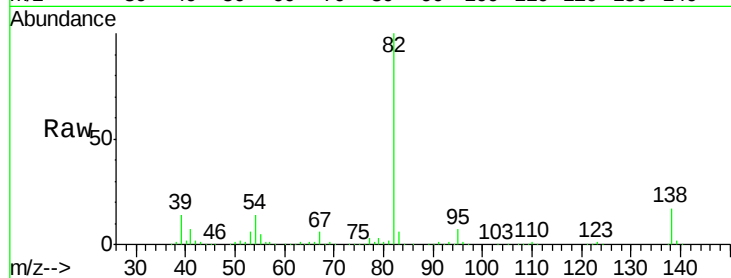
Tgt Ion: 82 Resp: 829558

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.1 13.3 19.9



#26

2-Nitrophenol

Concen: 30.62 ng

RT: 7.84 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

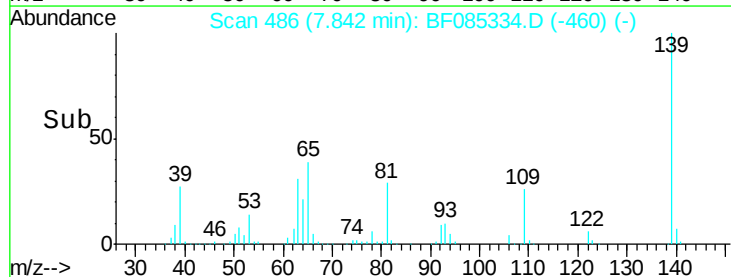
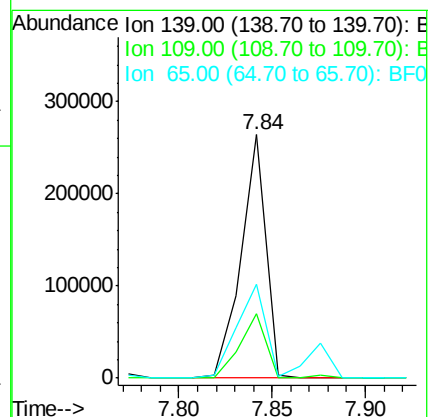
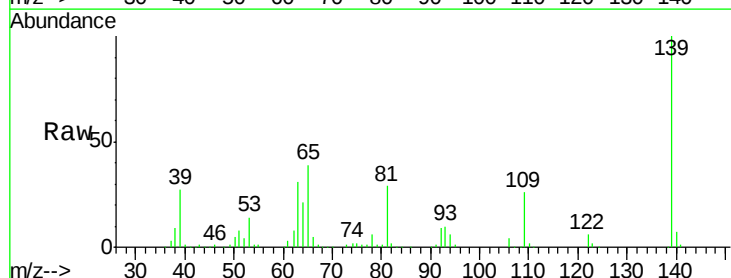
Tgt Ion: 139 Resp: 246941

Ion Ratio Lower Upper

139 100

109 26.5 19.1 28.7

65 38.7 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 28.81 ng

RT: 7.88 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

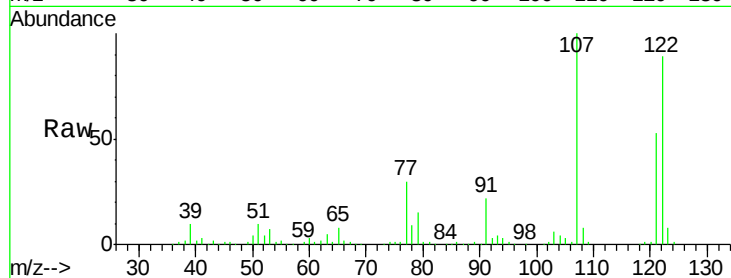
Tgt Ion:122 Resp: 424656

Ion Ratio Lower Upper

122 100

107 112.9 84.8 127.2

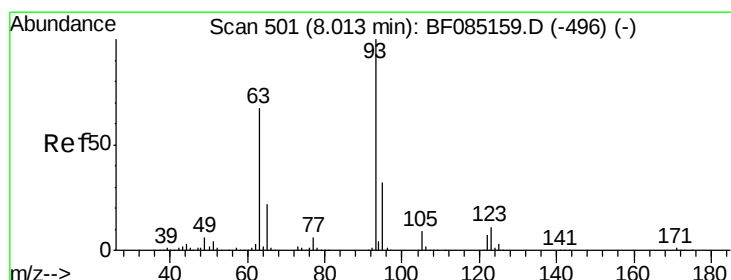
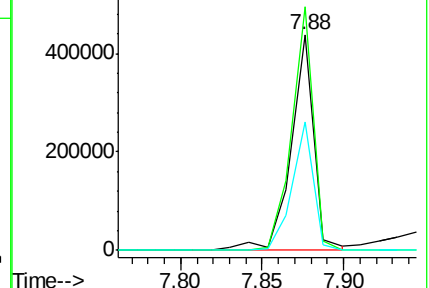
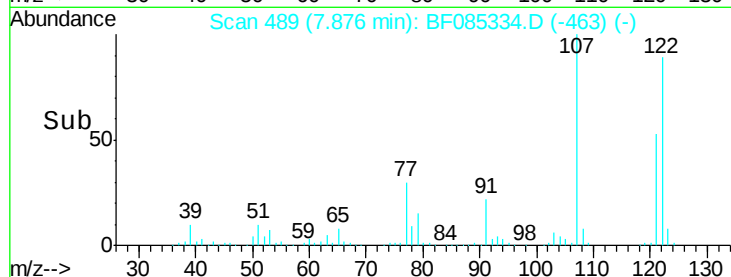
121 59.3 47.0 70.6



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: 29.20 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

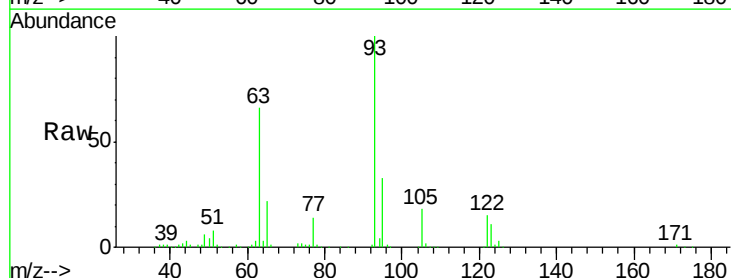
Tgt Ion: 93 Resp: 491671

Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

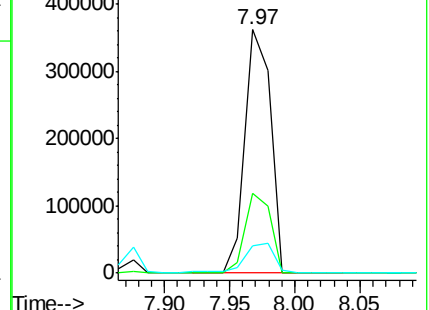
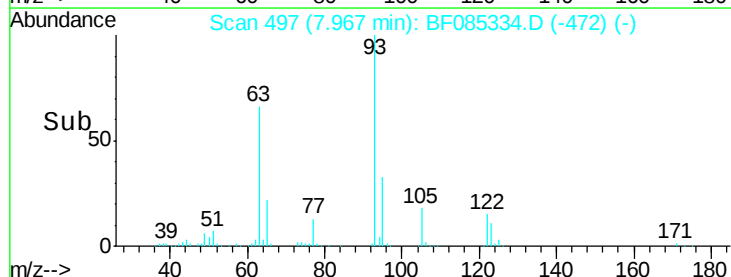
123 11.3 8.8 13.2

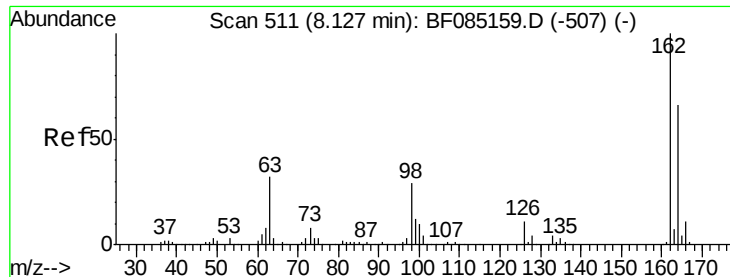


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

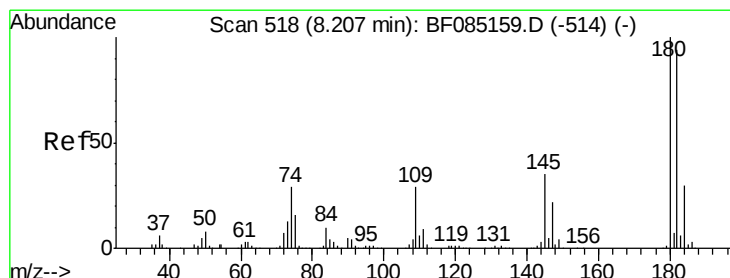
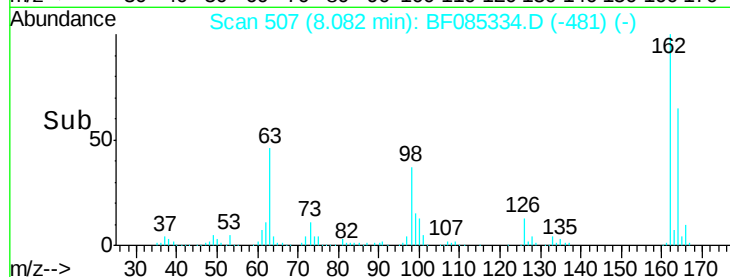
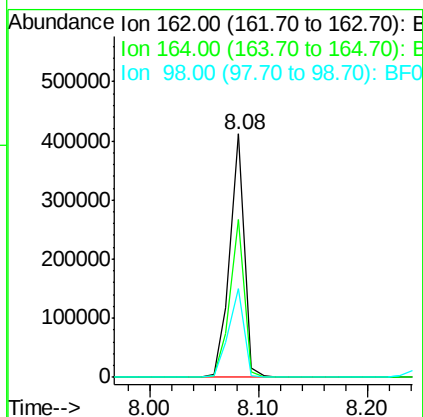
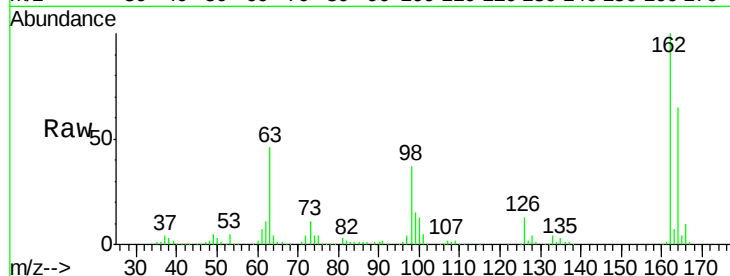




#29  
 2,4-Dichlorophenol  
 Concen: 32.03 ng  
 RT: 8.08 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

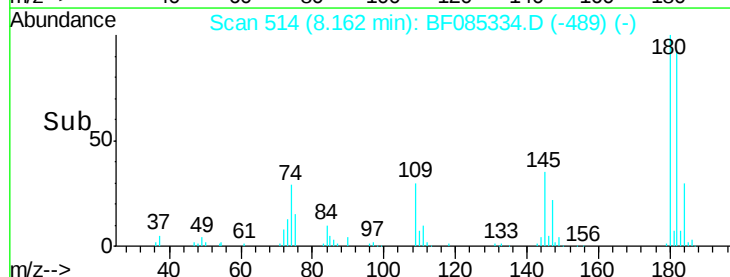
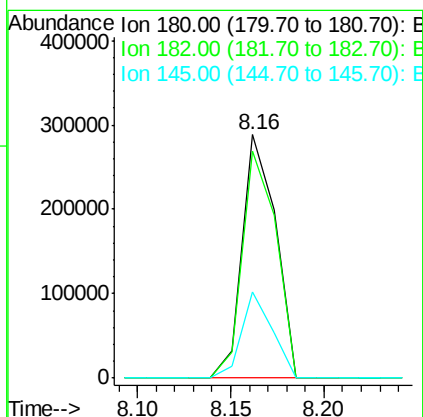
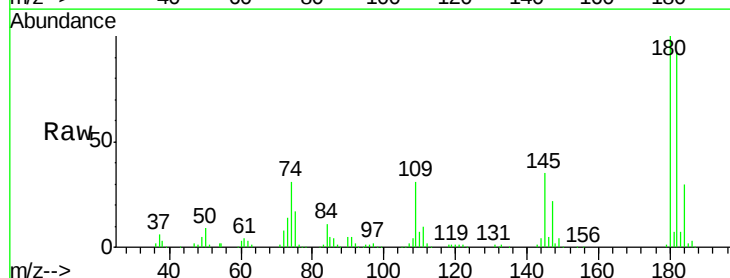
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

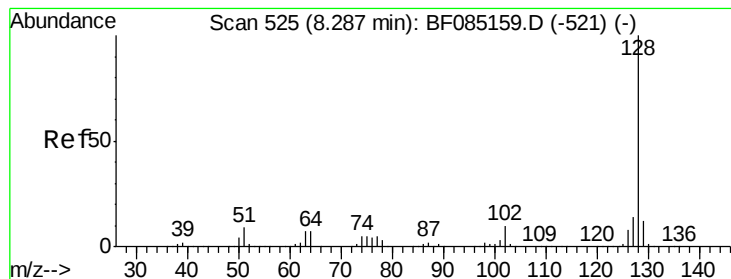
Tgt Ion:162 Resp: 380748  
 Ion Ratio Lower Upper  
 162 100  
 164 64.8 45.7 85.7  
 98 36.7 9.4 49.4



#30  
 1,2,4-Trichlorobenzene  
 Concen: 27.83 ng  
 RT: 8.16 min Scan# 514  
 Delta R.T. -0.01 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:180 Resp: 357634  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 74.9 112.3  
 145 35.4 27.9 41.9





#31

Naphthalene

Concen: 27.88 ng

RT: 8.25 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

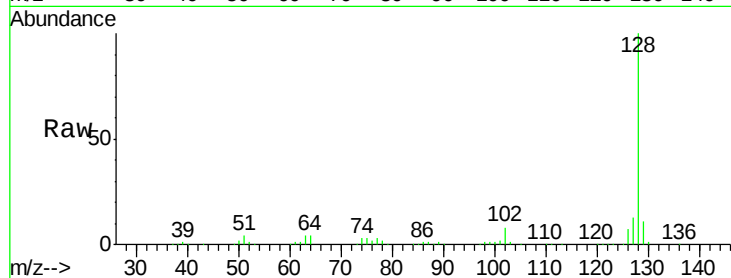
Tgt Ion:128 Resp: 1197072

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

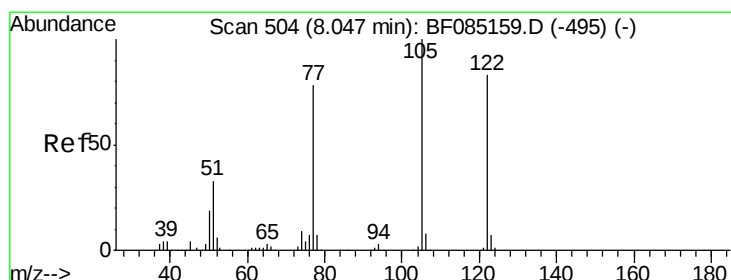
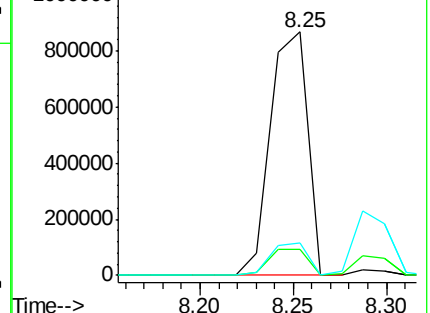
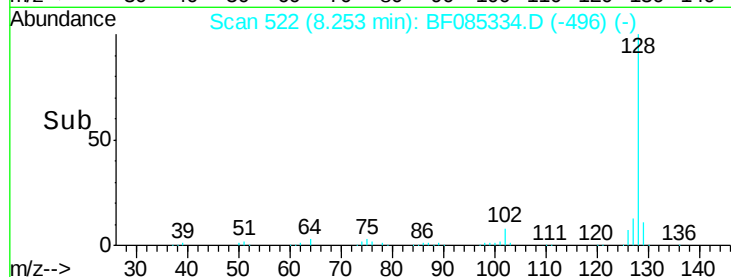
127 13.3 11.2 16.8



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: 23.62 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

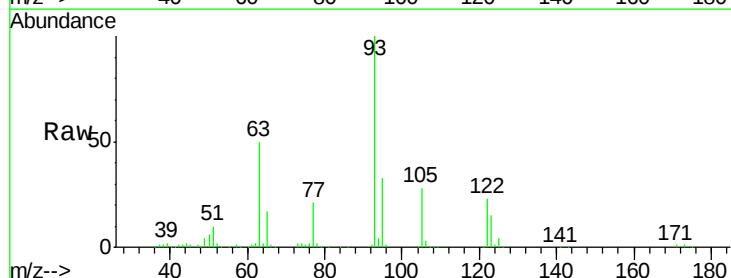
Tgt Ion:122 Resp: 231292

Ion Ratio Lower Upper

122 100

105 120.2 101.3 141.3

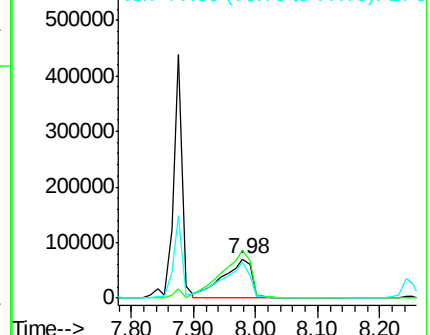
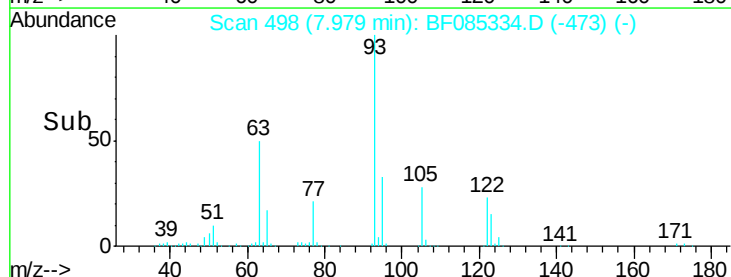
77 91.5 74.7 114.7

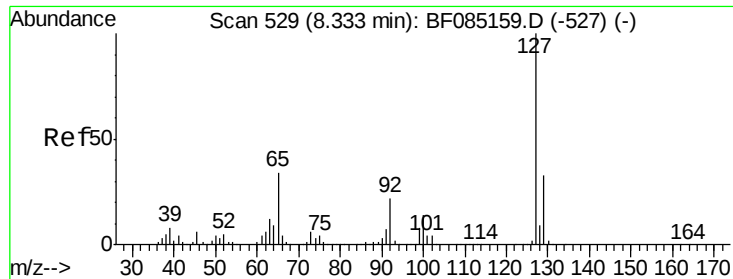


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

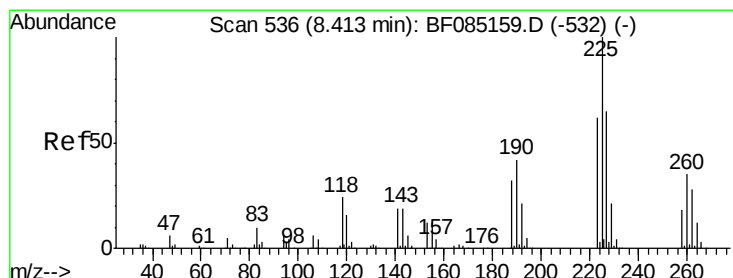
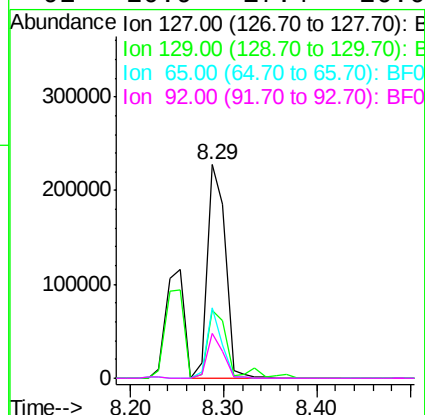
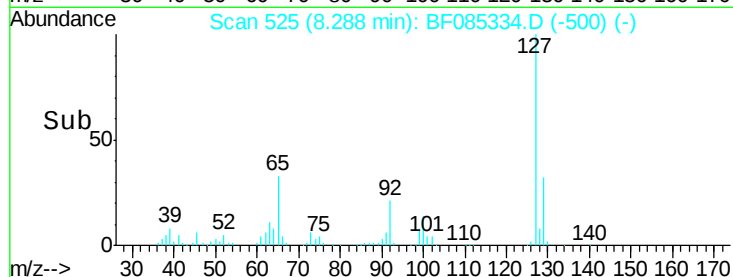
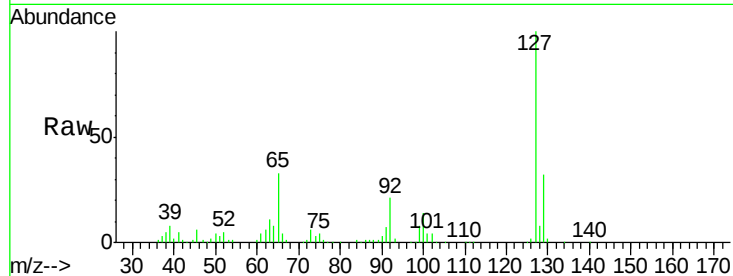




#33  
4-Chloroaniline  
Concen: 17.62 ng  
RT: 8.29 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

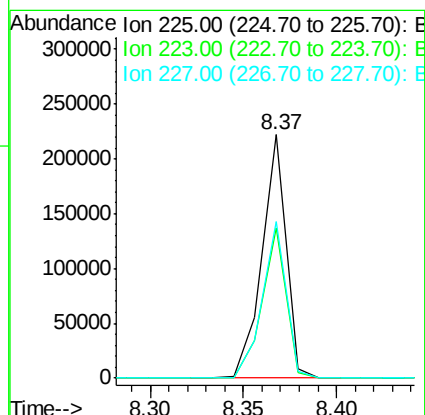
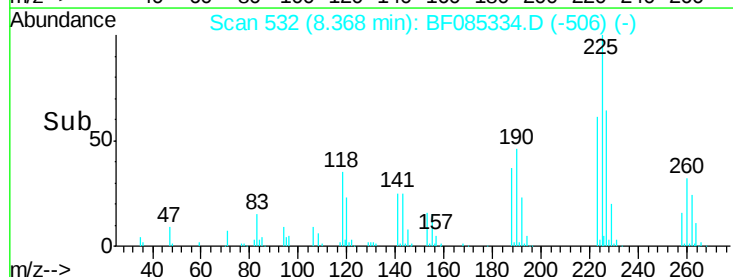
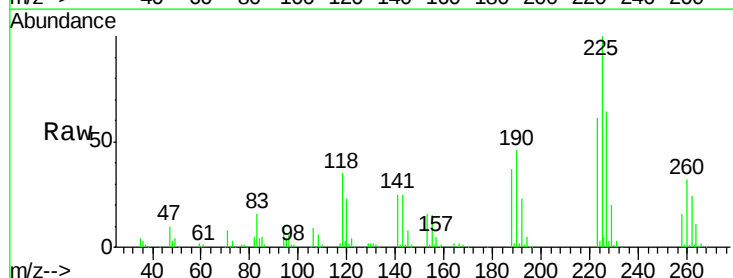
Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

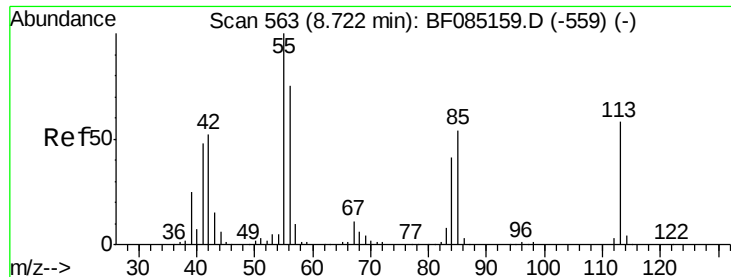
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 306031 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.6  | 26.1  | 39.1   |
| 65       | 33.3  | 27.0  | 40.6   |
| 92       | 20.9  | 17.4  | 26.0   |



#34  
Hexachlorobutadiene  
Concen: 29.52 ng  
RT: 8.37 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 197423 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.4  | 49.7  | 74.5   |
| 227      | 64.2  | 52.2  | 78.4   |

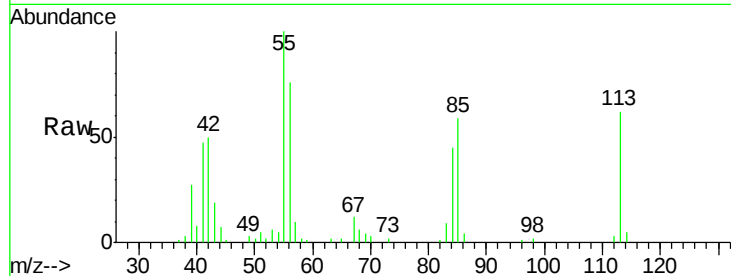




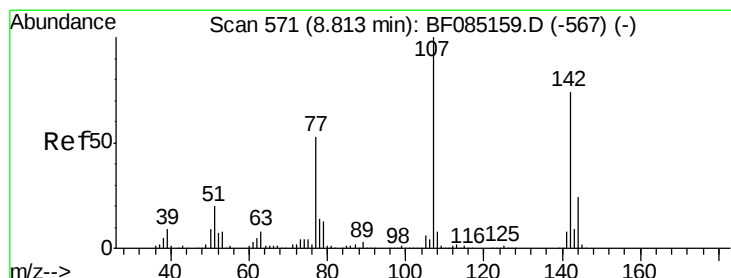
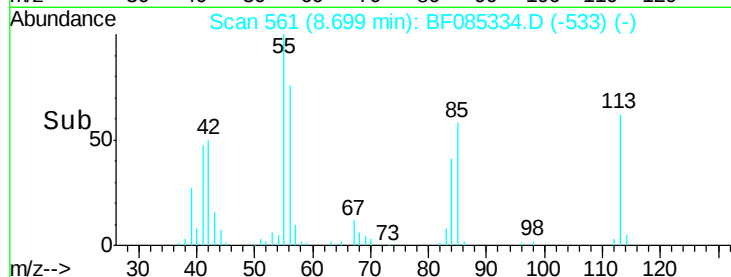
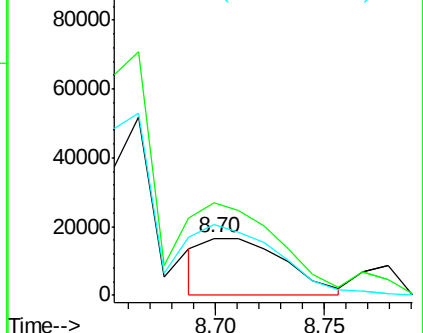
#35  
Caprolactam  
Concen: 10.86 ng  
RT: 8.70 min Scan# 561  
Delta R.T. 0.02 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Instrument :  
BNA\_F  
ClientSampleID :  
PB88797BS

Tgt Ion:113 Resp: 42167  
Ion Ratio Lower Upper  
113 100  
55 161.4 152.7 192.7  
56 123.1 109.0 149.0

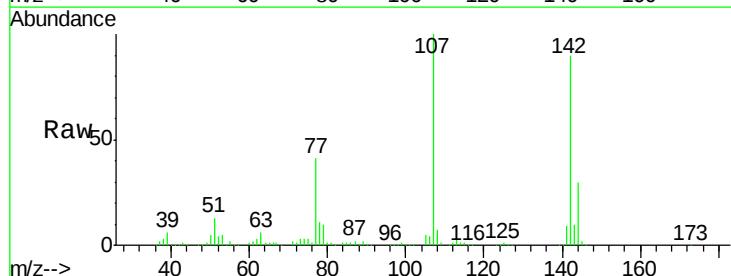


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0

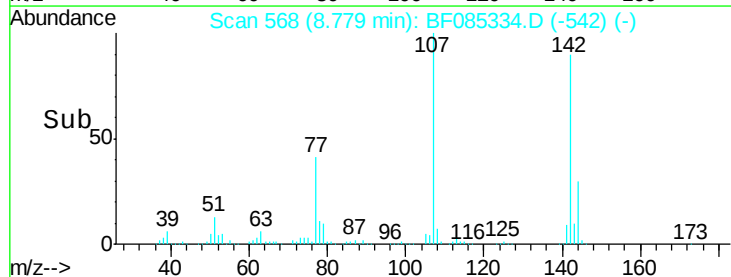
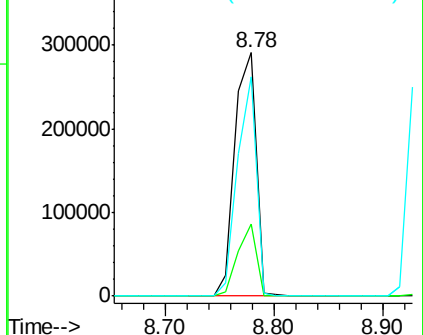


#36  
4-Chloro-3-methylphenol  
Concen: 28.97 ng  
RT: 8.78 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion:107 Resp: 390674  
Ion Ratio Lower Upper  
107 100  
144 29.6 19.4 29.2#  
142 90.2 59.4 89.2#



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

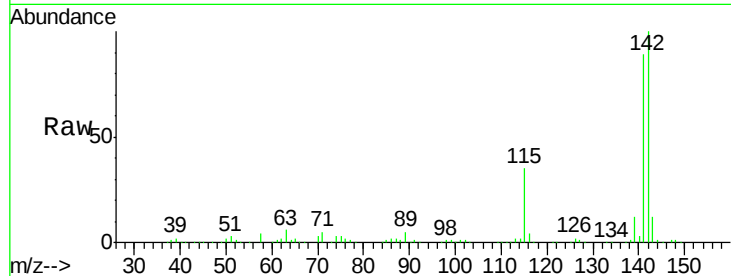




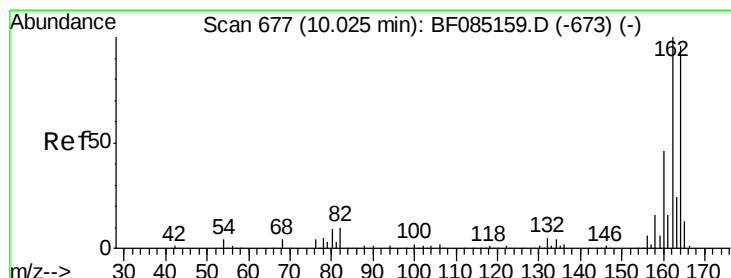
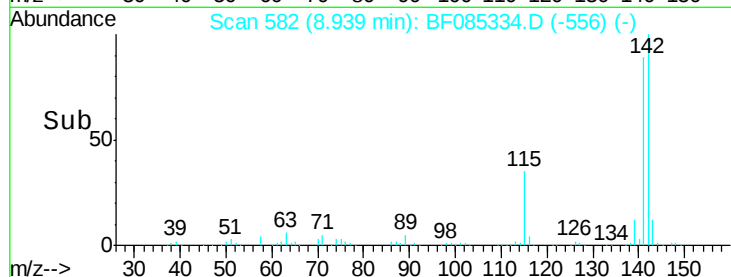
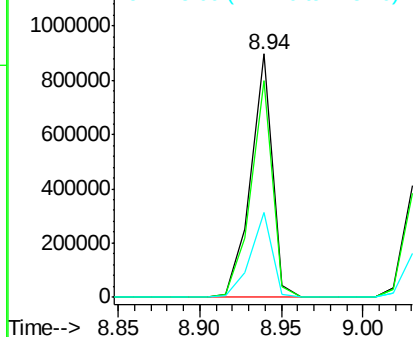
#37  
 2-Methylnaphthalene  
 Concen: 29.90 ng  
 RT: 8.94 min Scan# 582  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion:142 Resp: 823851  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 71.7 107.5  
 115 34.9 26.2 39.4

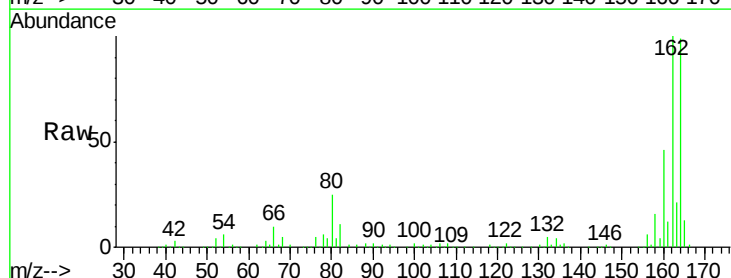


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

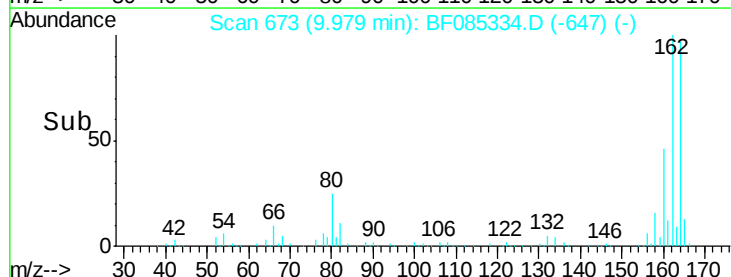
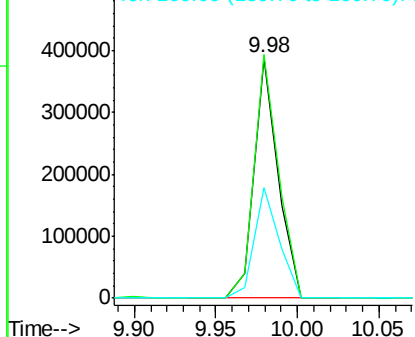


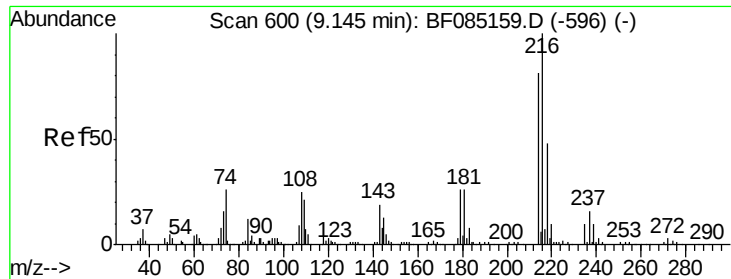
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.98 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:164 Resp: 397923  
 Ion Ratio Lower Upper  
 164 100  
 162 101.4 83.3 124.9  
 160 46.2 37.9 56.9



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: 28.97 ng

RT: 9.11 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

Tgt Ion:216 Resp: 329667

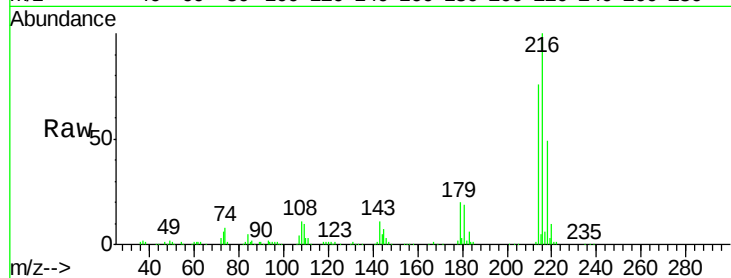
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 22.2 19.6 29.4

108 22.6 19.6 29.4

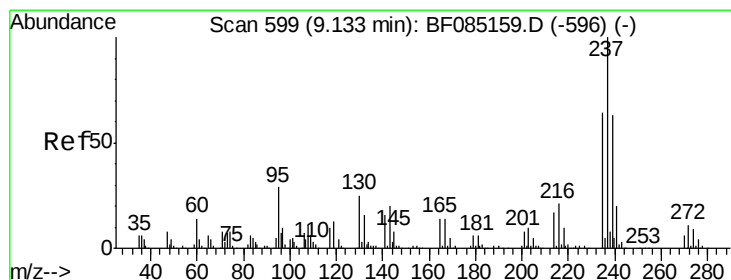
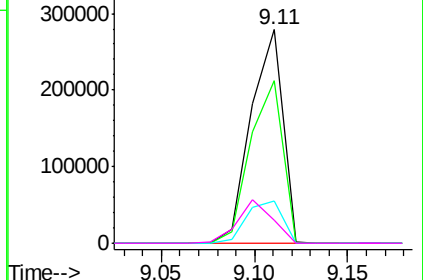
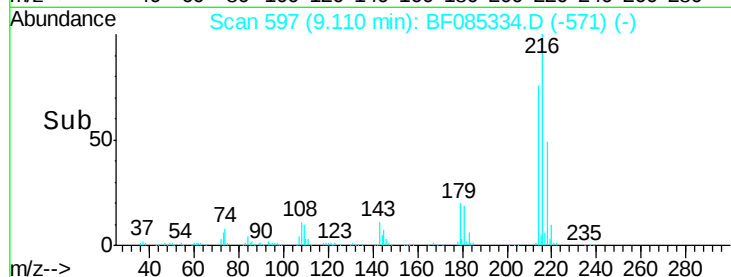


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.02 ng

RT: 9.10 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

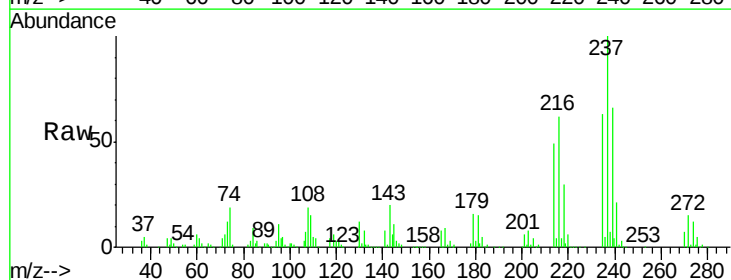
Tgt Ion:237 Resp: 380666

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

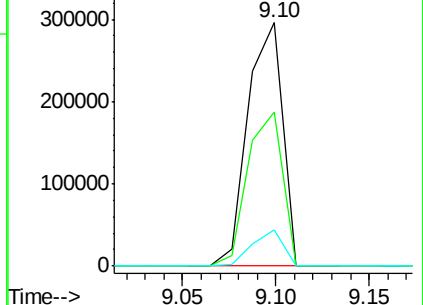
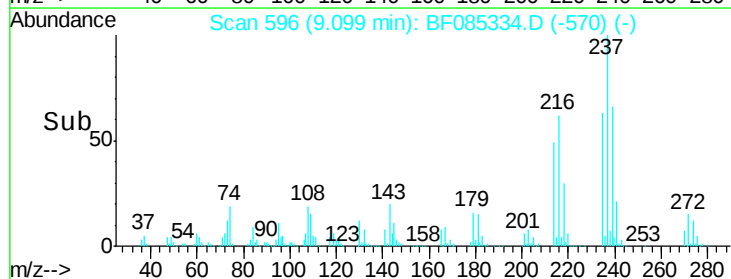
272 14.8 0.0 31.5

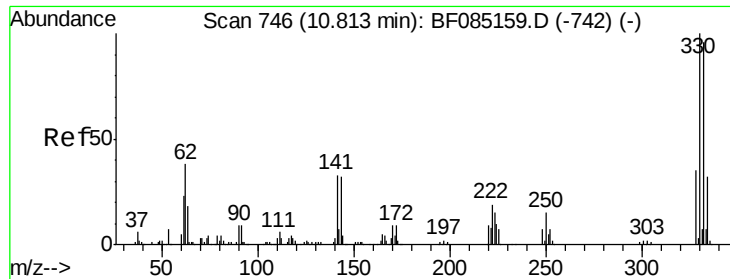


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

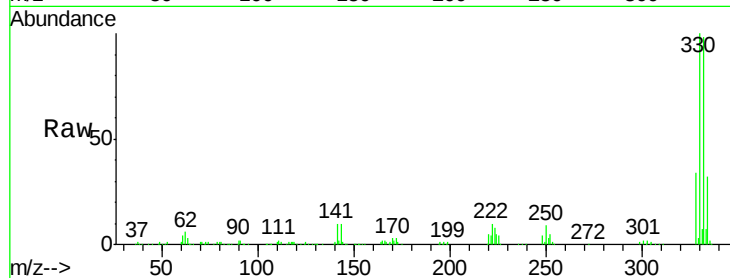




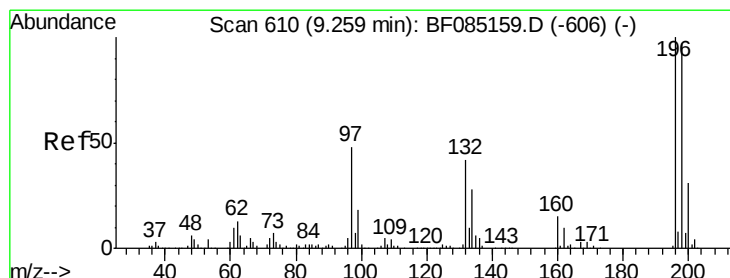
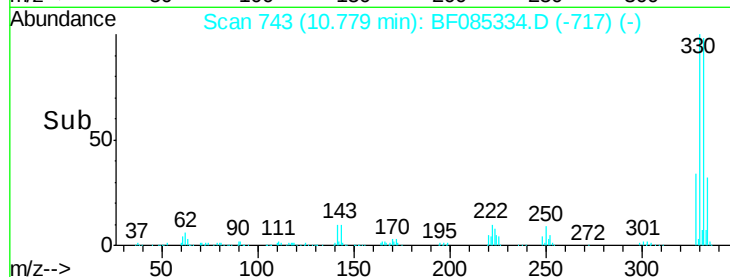
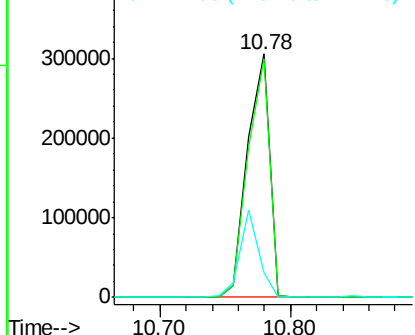
#41  
 2,4,6-Tribromophenol  
 Concen: 105.96 ng  
 RT: 10.78 min Scan# 743  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion:330 Resp: 360796  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.1 115.7  
 141 30.5 35.0 52.6#

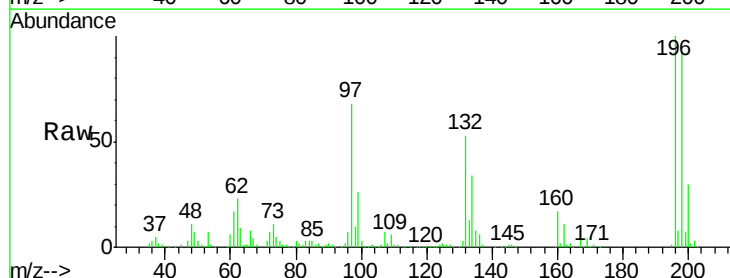


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

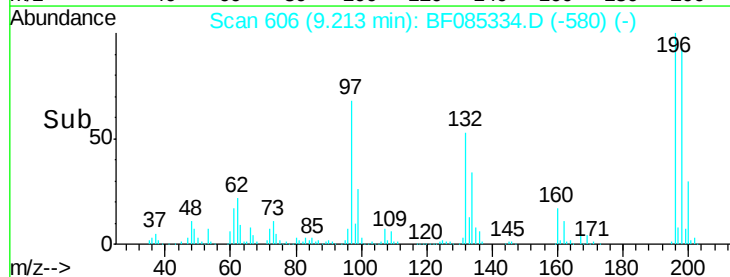
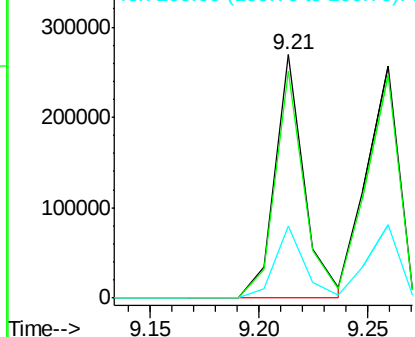


#42  
 2,4,6-Trichlorophenol  
 Concen: 29.95 ng  
 RT: 9.21 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:196 Resp: 253719  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 77.8 116.6  
 200 29.7 25.0 37.6



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

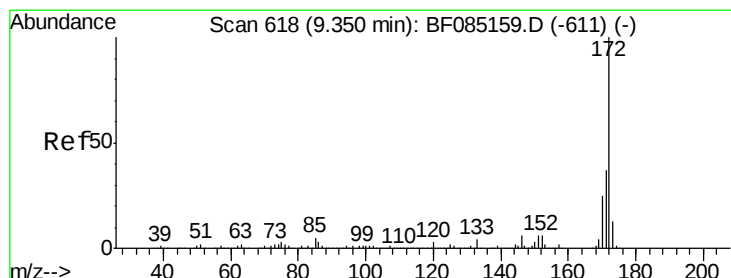
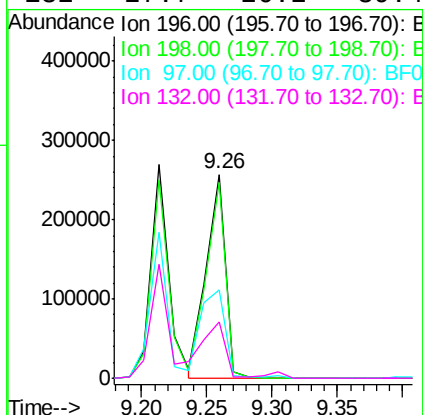
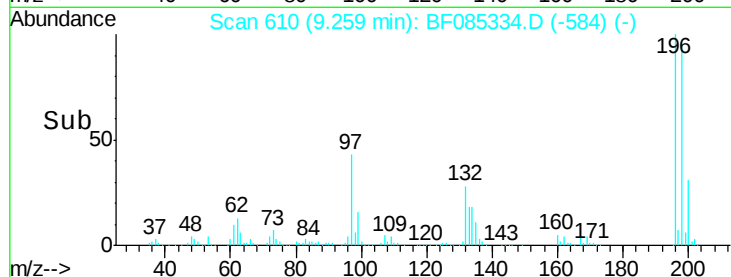
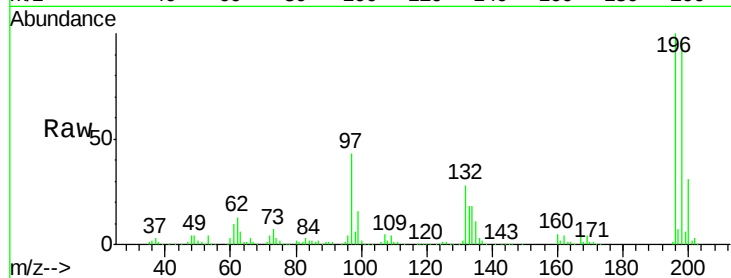




#43  
 2,4,5-Trichlorophenol  
 Concen: 33.11 ng  
 RT: 9.26 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

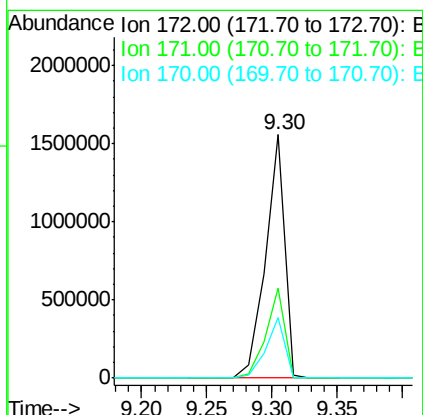
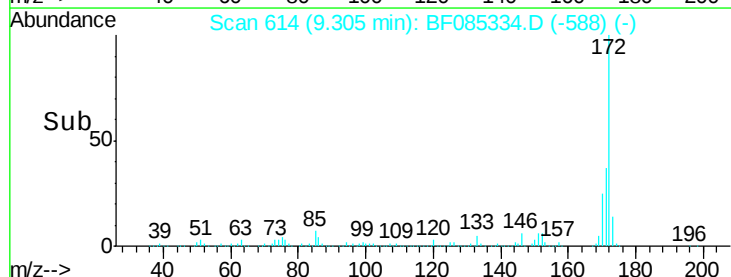
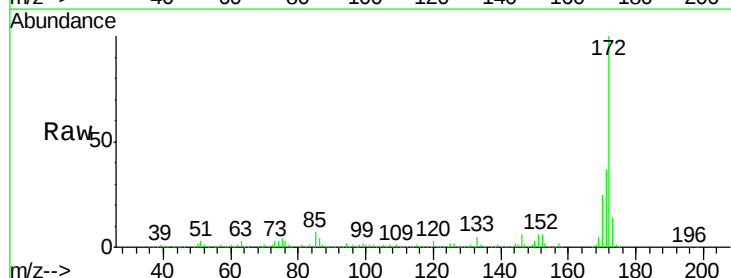
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion:196 Resp: 265914  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 75.7 113.5  
 97 43.3 46.4 69.6#  
 132 27.7 26.2 39.4



#44  
 2-Fluorobiphenyl  
 Concen: 60.93 ng  
 RT: 9.30 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:172 Resp: 1594340  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.3 43.9  
 170 24.7 20.0 30.0





#45

1,1'-Biphenyl

Concen: 28.84 ng

RT: 9.41 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

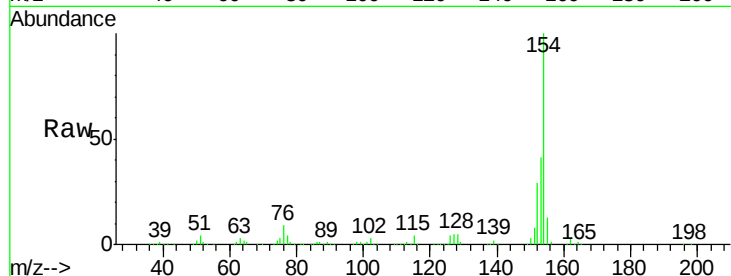
Tgt Ion:154 Resp: 980475

Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

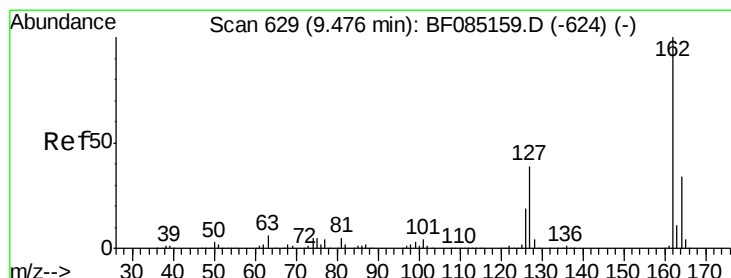
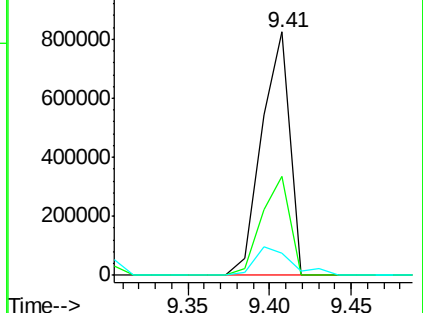
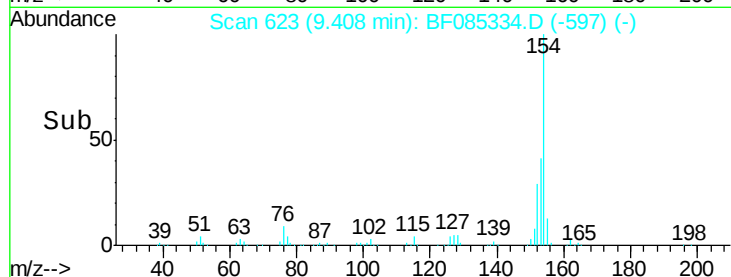
76 9.3 0.0 37.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 29.71 ng

RT: 9.43 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

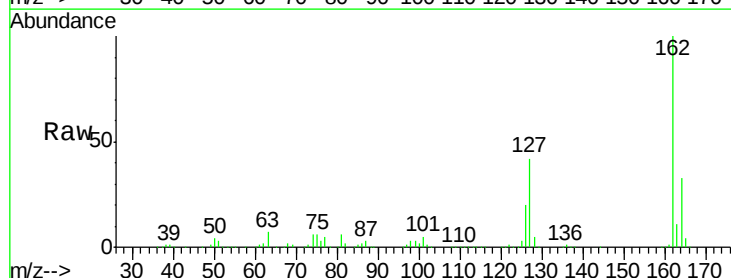
Tgt Ion:162 Resp: 770005

Ion Ratio Lower Upper

162 100

127 42.2 31.6 47.4

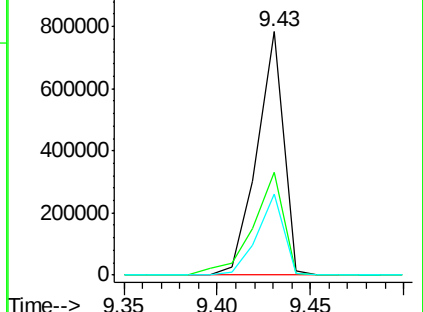
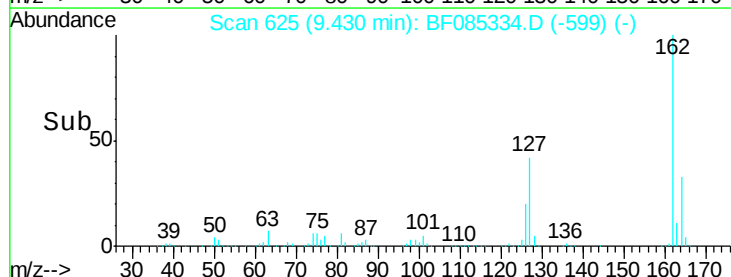
164 33.2 27.1 40.7

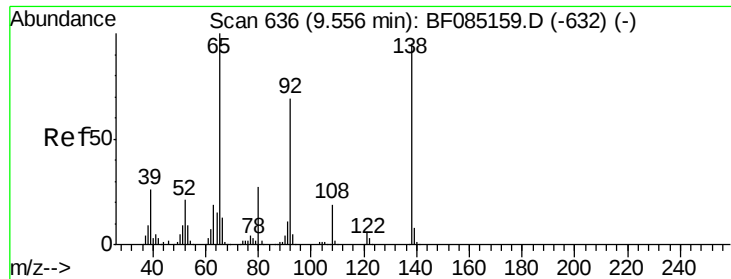


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

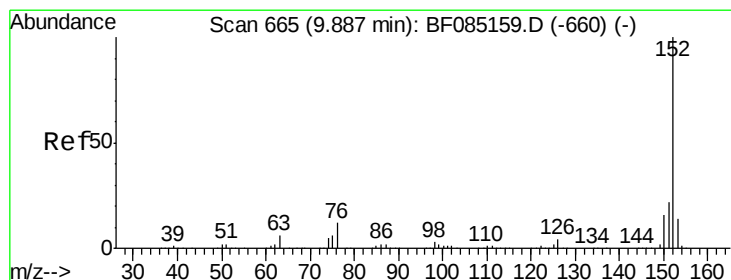
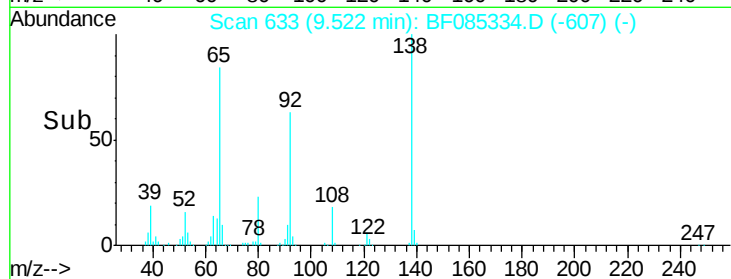
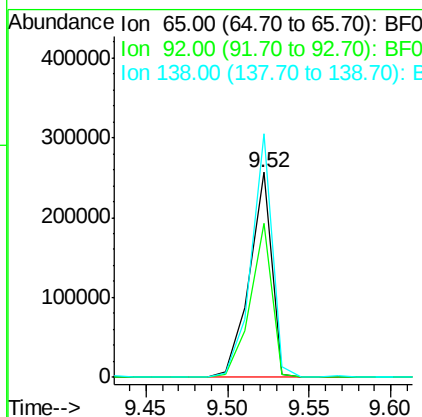
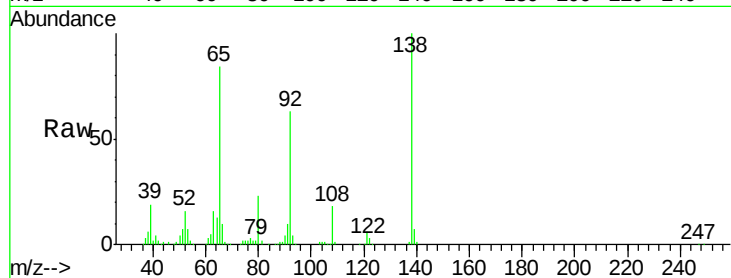




#47  
 2-Nitroaniline  
 Concen: 30.29 ng  
 RT: 9.52 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

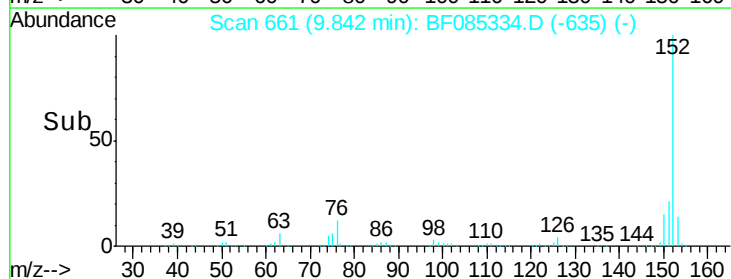
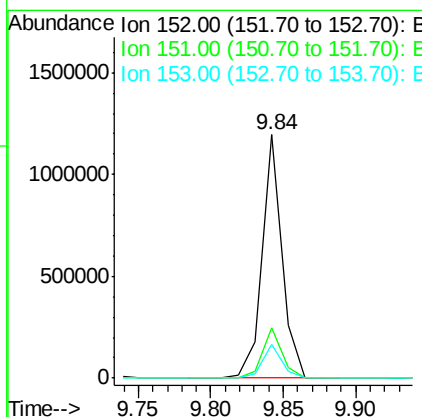
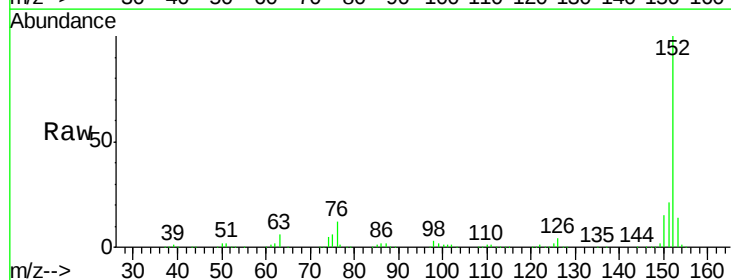
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

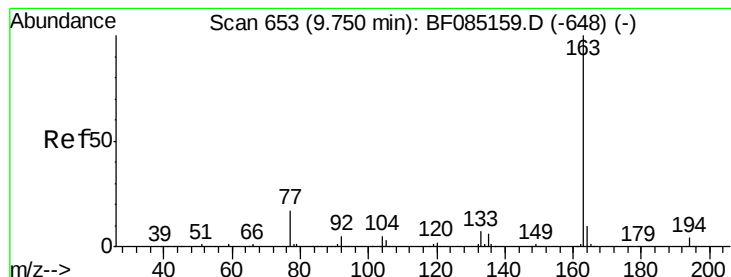
Tgt Ion: 65 Resp: 243227  
 Ion Ratio Lower Upper  
 65 100  
 92 75.3 55.4 83.2  
 138 119.0 75.7 113.5#



#48  
 Acenaphthylene  
 Concen: 28.04 ng  
 RT: 9.84 min Scan# 661  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion: 152 Resp: 1131030  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 17.5 26.3  
 153 13.7 11.3 16.9





#49

Dimethylphthalate

Concen: 28.53 ng

RT: 9.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

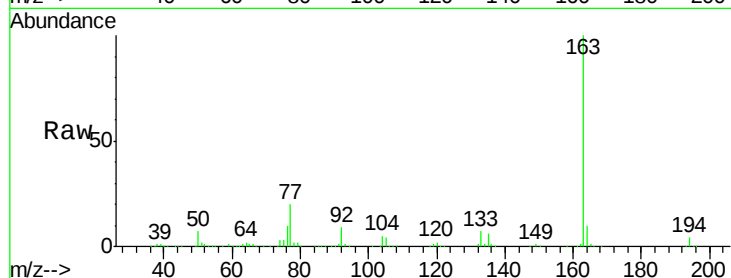
Tgt Ion:163 Resp: 871275

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

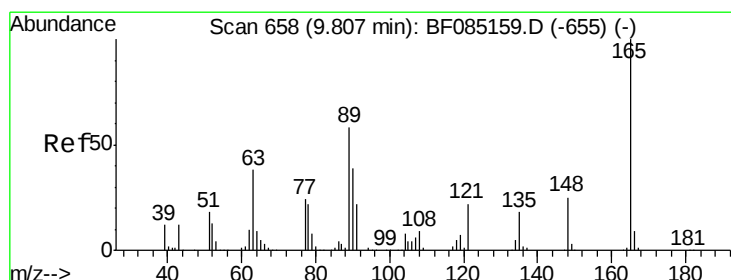
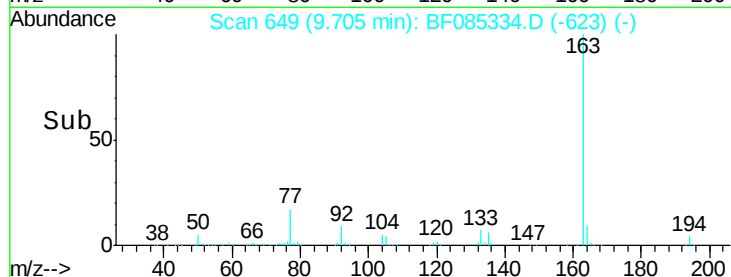
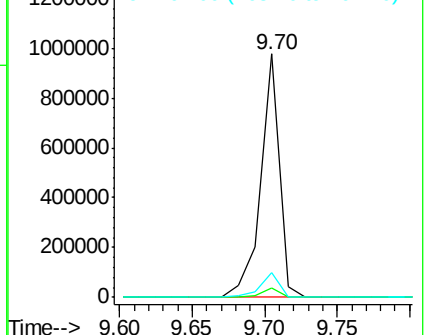
164 10.4 8.2 12.4



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: 27.88 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

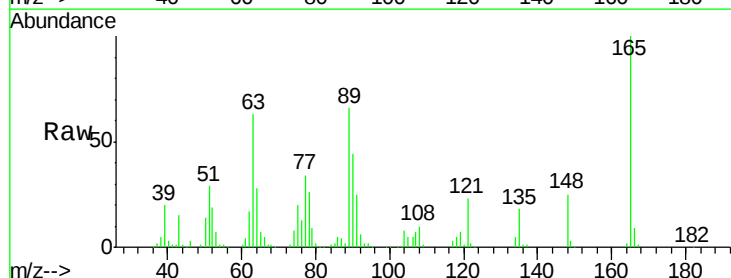
Tgt Ion:165 Resp: 182176

Ion Ratio Lower Upper

165 100

63 62.7 41.8 62.8

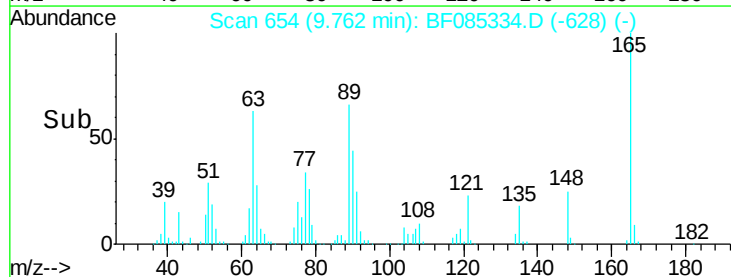
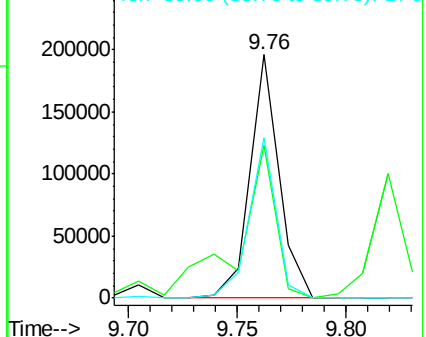
89 66.0 46.7 70.1

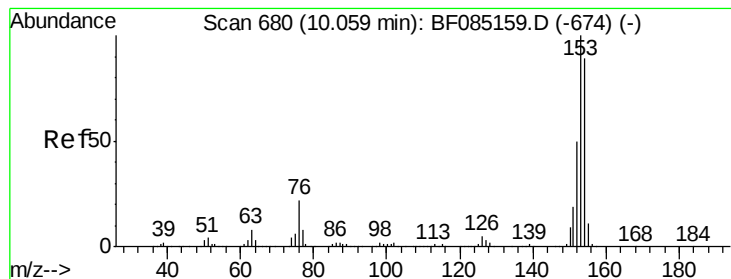


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.62 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

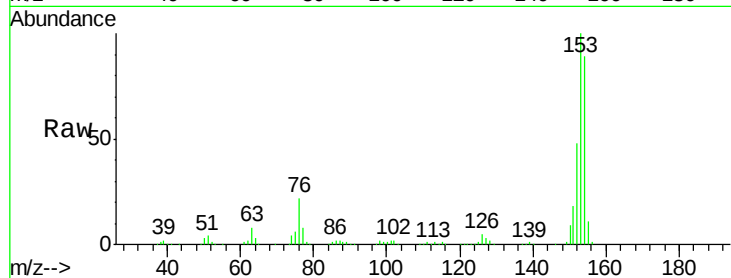
Tgt Ion:154 Resp: 749884

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.8

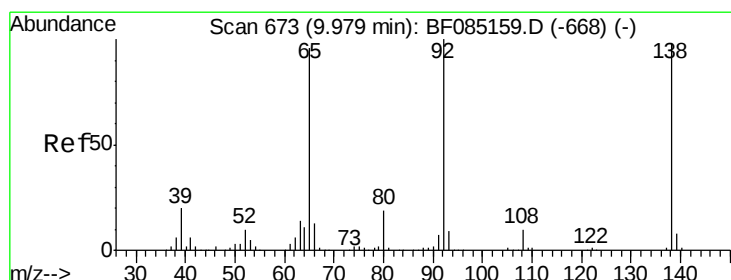
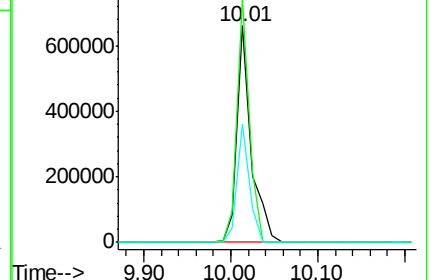
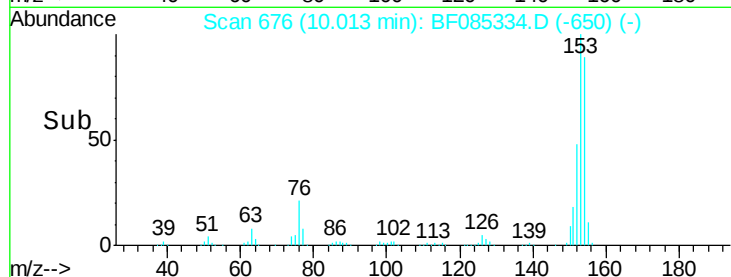
152 54.5 44.6 66.8



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: 22.32 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

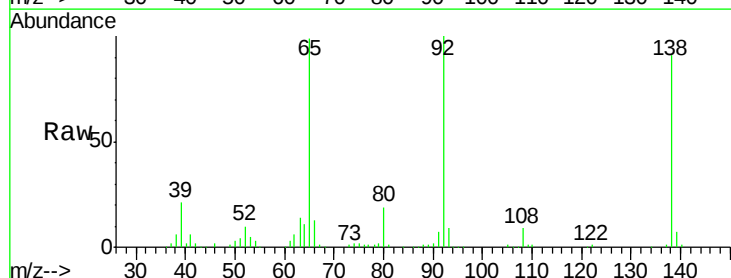
Tgt Ion:138 Resp: 174464

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

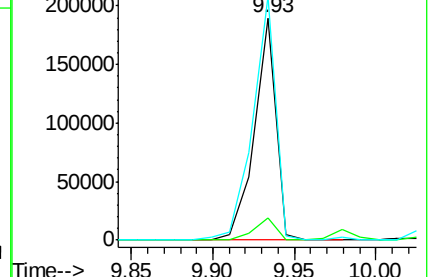
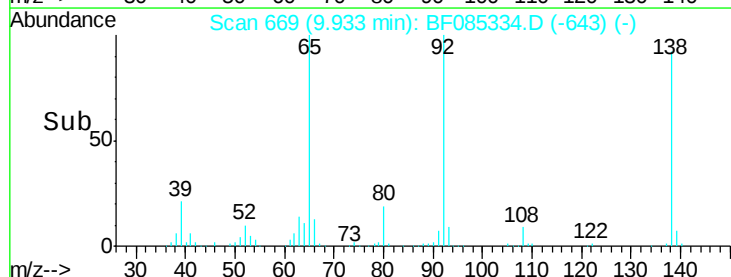
92 109.5 81.3 121.9

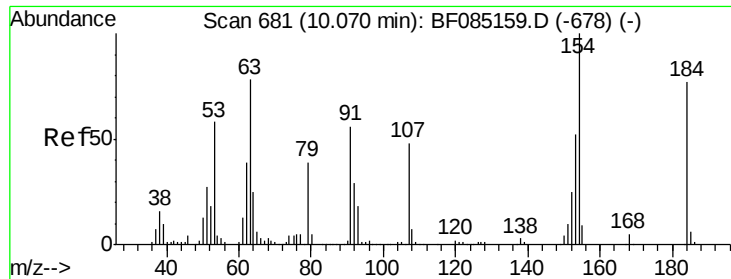


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

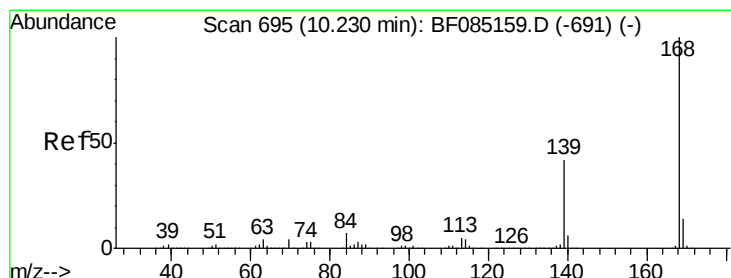
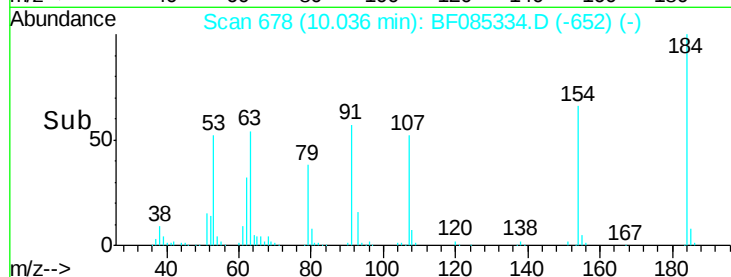
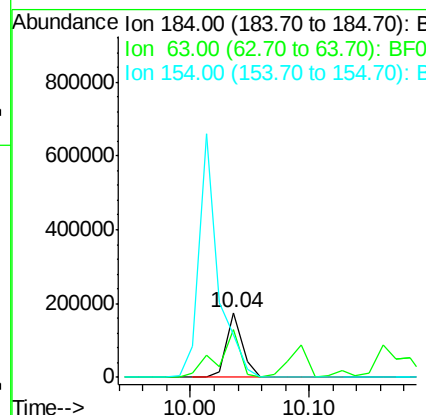
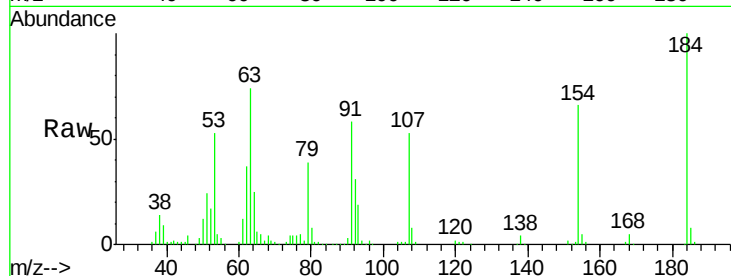




#53  
 2,4-Dinitrophenol  
 Concen: 52.49 ng  
 RT: 10.04 min Scan# 678  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

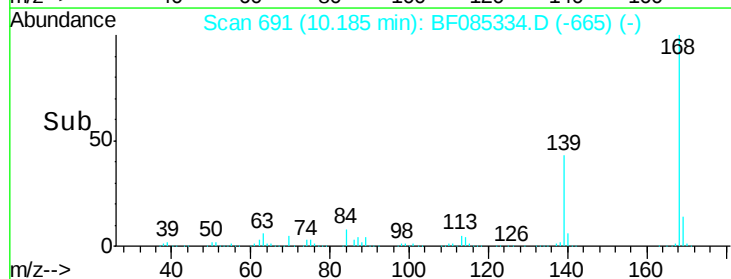
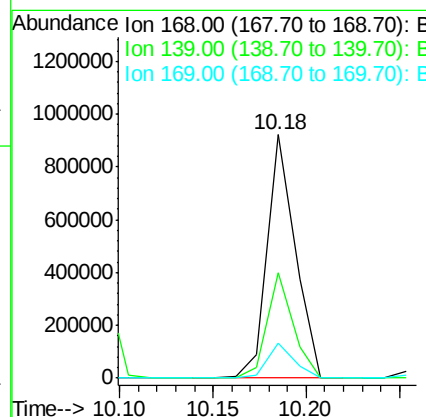
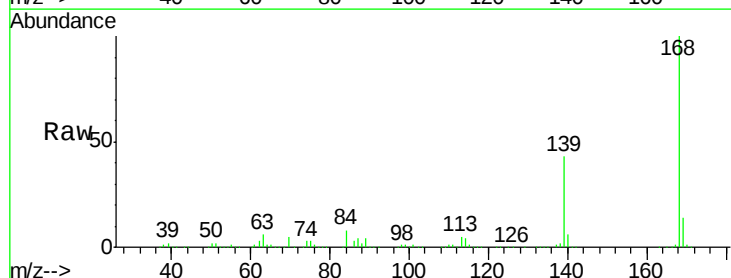
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB88797BS

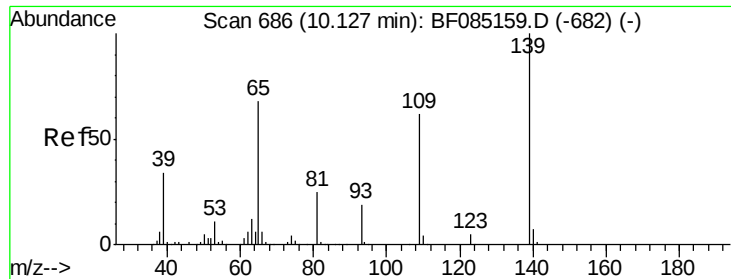
Tgt Ion:184 Resp: 163871  
 Ion Ratio Lower Upper  
 184 100  
 63 74.1 82.2 123.4#  
 154 66.4 108.9 163.3#



#54  
 Dibenzofuran  
 Concen: 29.74 ng  
 RT: 10.18 min Scan# 691  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:168 Resp: 954169  
 Ion Ratio Lower Upper  
 168 100  
 139 43.5 33.6 50.4  
 169 14.2 11.2 16.8

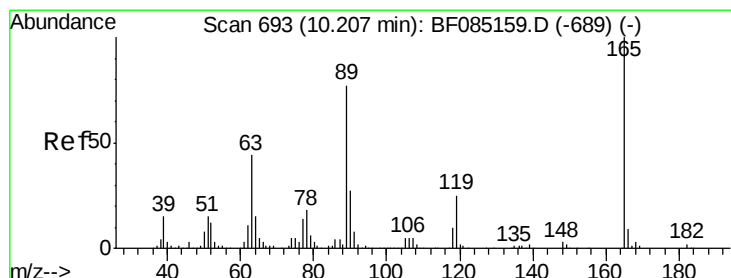
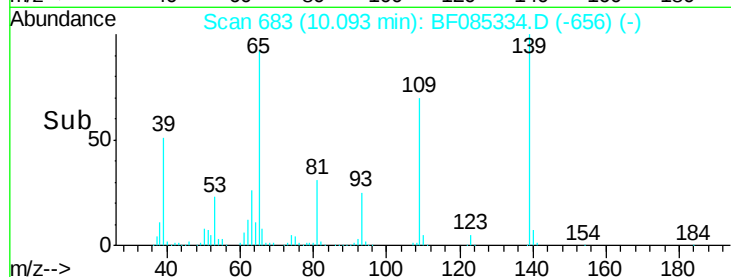
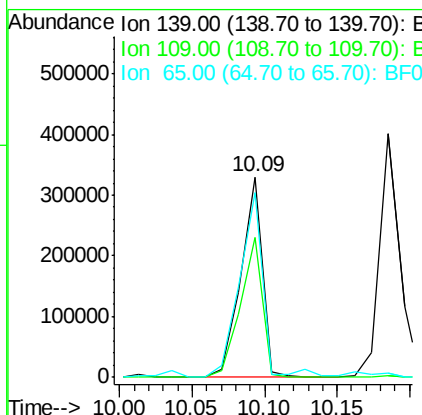
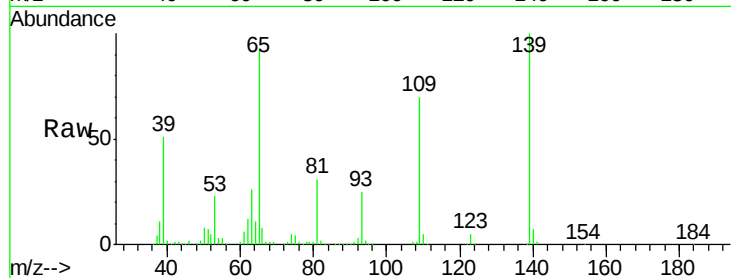




#55  
4-Nitrophenol  
Concen: 55.72 ng  
RT: 10.09 min Scan# 683  
Delta R.T. 0.01 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

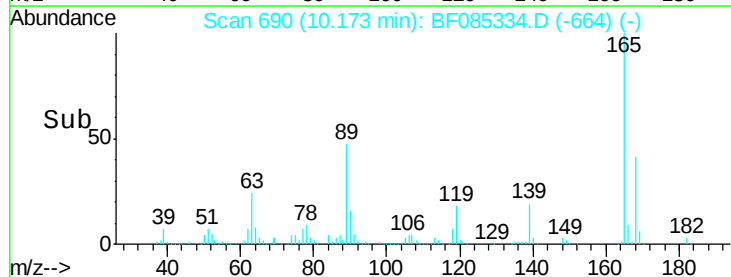
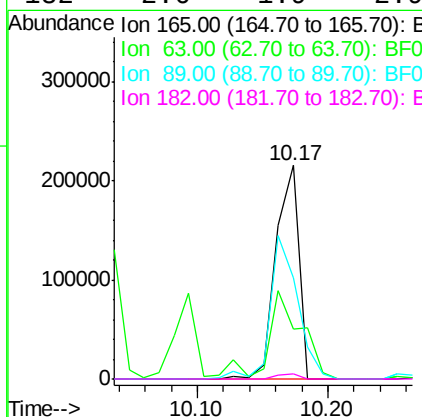
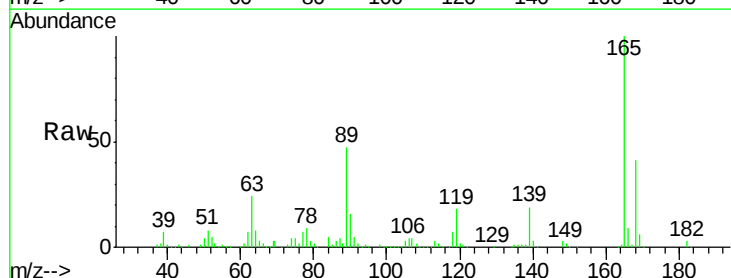
Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

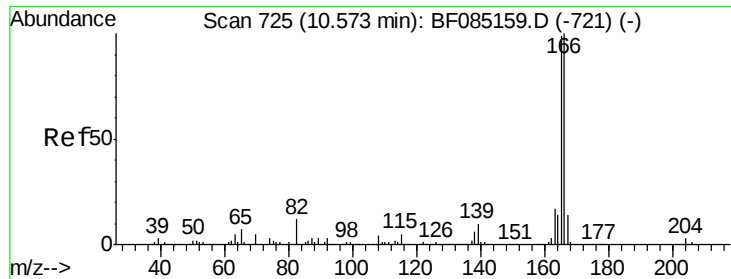
Tgt Ion:139 Resp: 342285  
Ion Ratio Lower Upper  
139 100  
109 69.7 41.9 81.9  
65 92.0 48.3 88.3#



#56  
2,4-Dinitrotoluene  
Concen: 31.82 ng  
RT: 10.17 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion:165 Resp: 266081  
Ion Ratio Lower Upper  
165 100  
63 23.6 35.4 53.0#  
89 47.2 61.9 92.9#  
182 2.6 1.9 2.9





#57

Fluorene

Concen: 29.45 ng

RT: 10.53 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

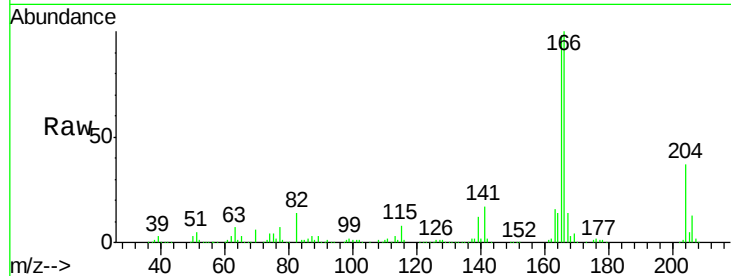
Tgt Ion:166 Resp: 742322

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

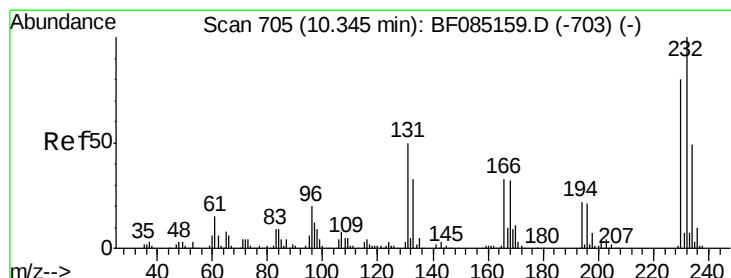
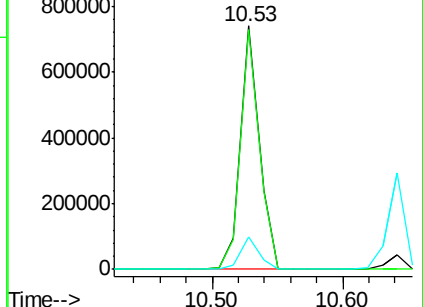
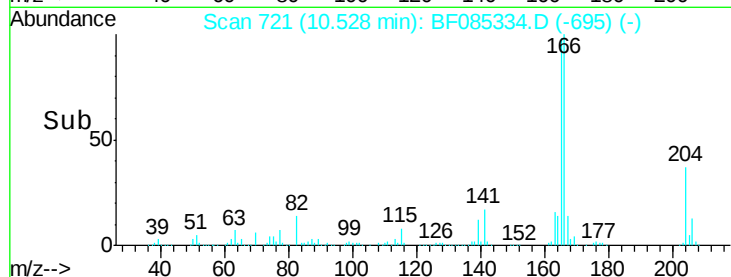
167 13.6 11.0 16.6



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: 32.70 ng

RT: 10.30 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion:232 Resp: 184507

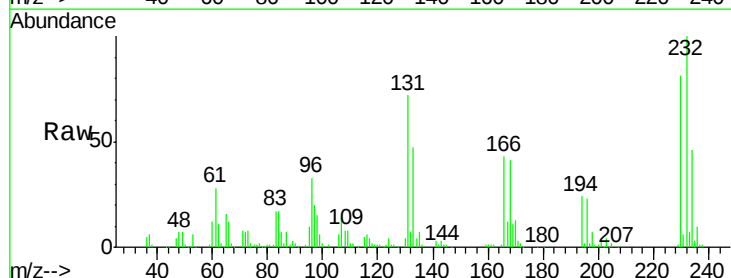
Ion Ratio Lower Upper

232 100

131 54.0 46.0 69.0

130 2.7 2.2 3.4

166 34.5 28.8 43.2

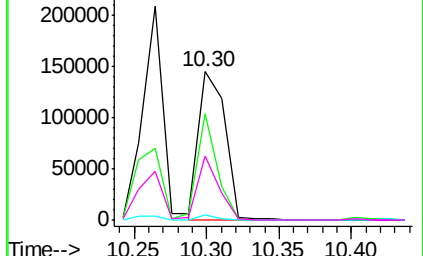
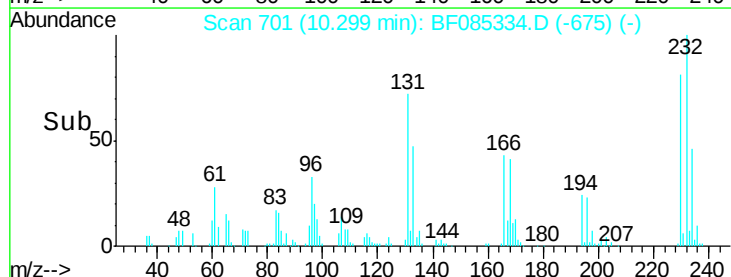


Abundance Ion 232.00 (231.70 to 232.70): E

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

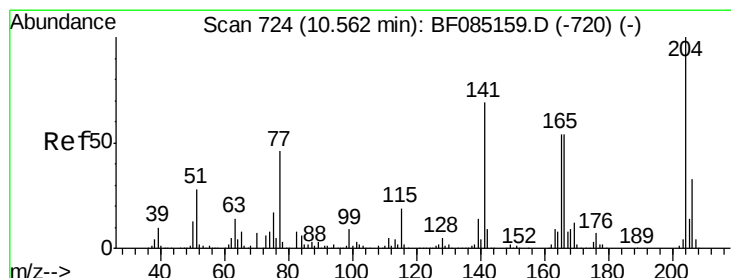
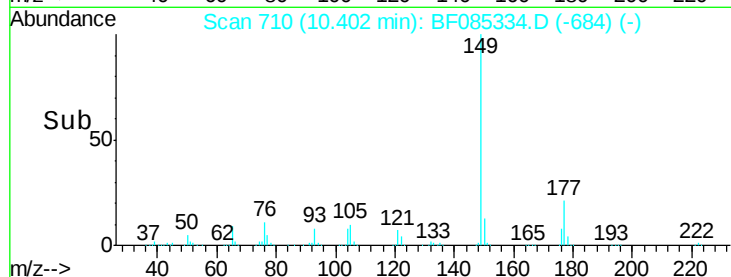
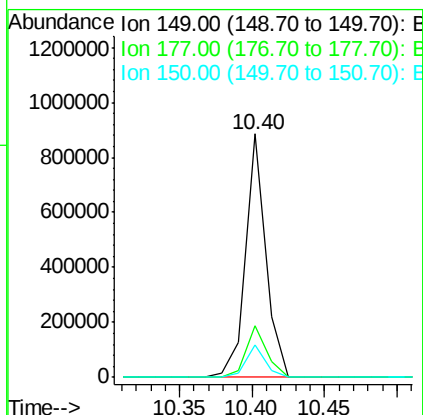
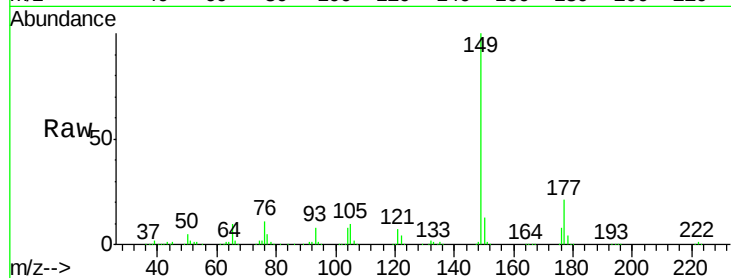




#59  
Diethylphthalate  
Concen: 28.91 ng  
RT: 10.40 min Scan# 710  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

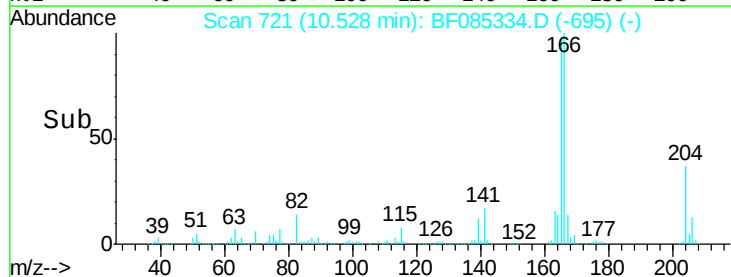
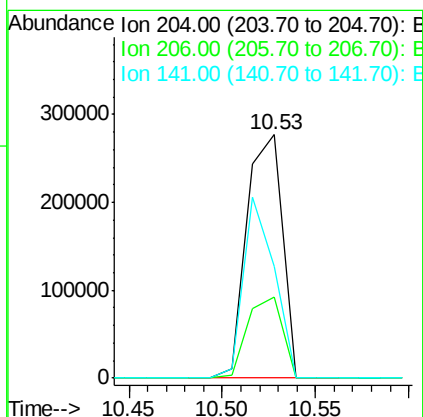
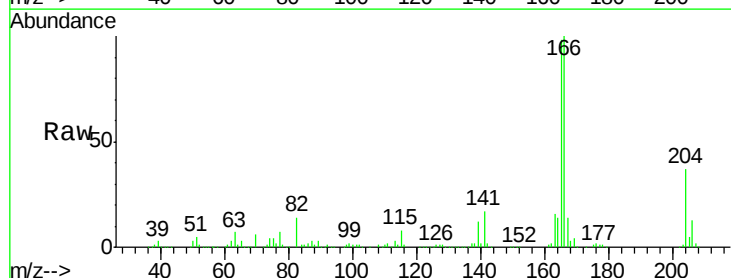
Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

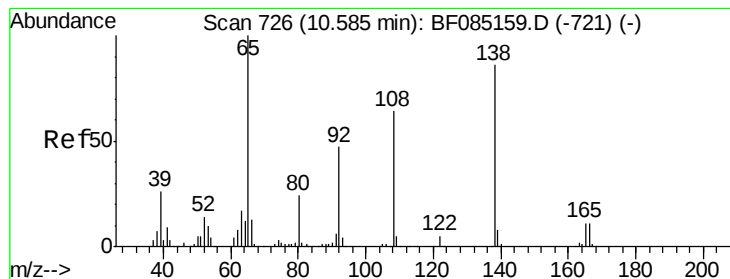
Tgt Ion:149 Resp: 856789  
Ion Ratio Lower Upper  
149 100  
177 21.1 19.2 28.8  
150 13.1 9.9 14.9



#60  
4-Chlorophenyl-phenylether  
Concen: 29.73 ng  
RT: 10.53 min Scan# 721  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion:204 Resp: 364567  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.5 39.7  
141 45.7 55.4 83.2#





#61

4-Nitroaniline

Concen: 32.70 ng

RT: 10.55 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

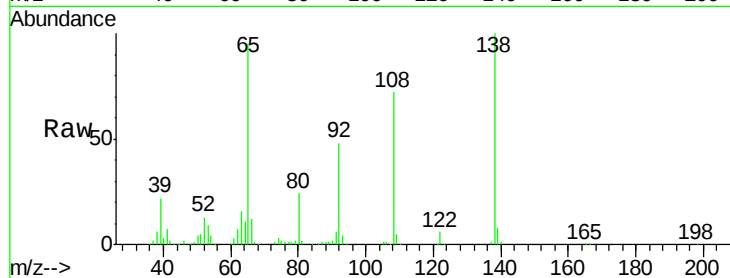
Tgt Ion:138 Resp: 239114

Ion Ratio Lower Upper

138 100

92 48.4 34.2 74.2

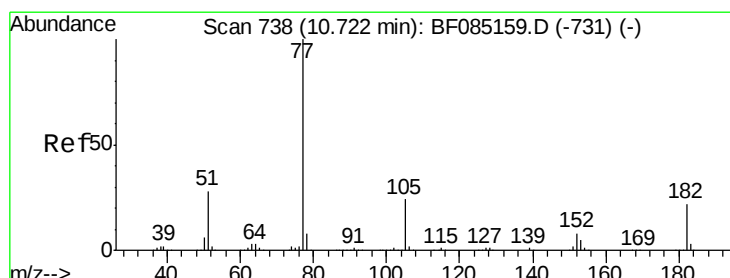
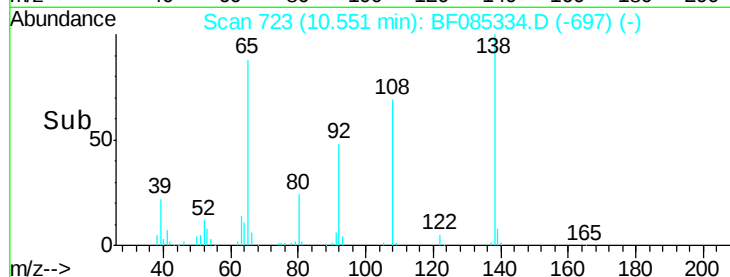
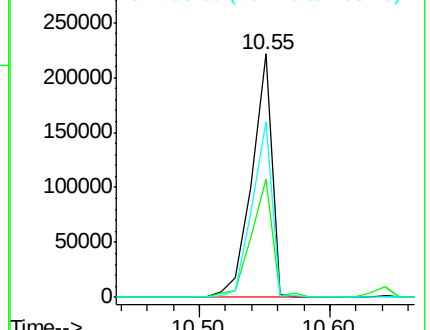
108 72.1 53.9 93.9



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: 31.57 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Tgt Ion: 77 Resp: 921866

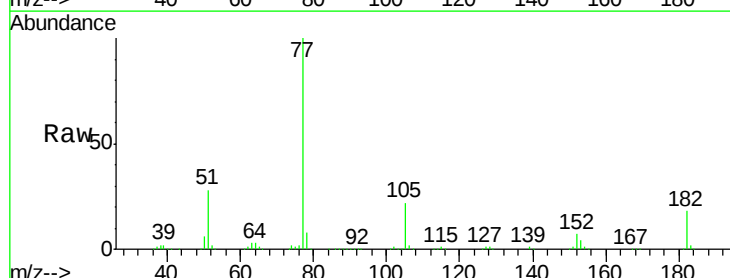
Ion Ratio Lower Upper

77 100

182 17.6 2.1 42.1

105 22.3 3.8 43.8

51 27.6 7.8 47.8

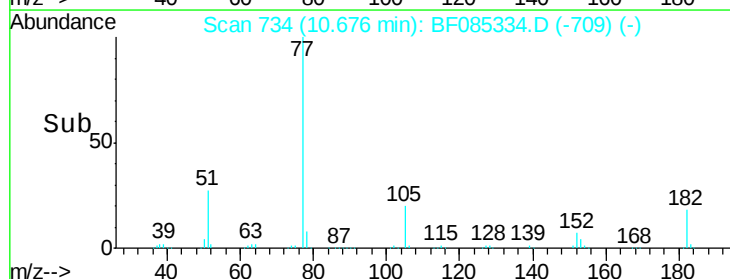
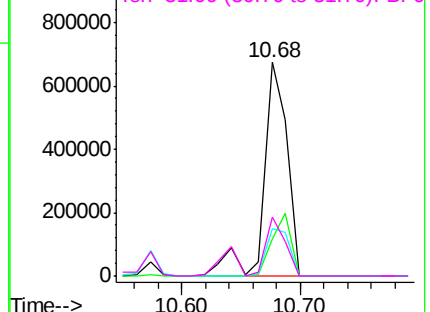


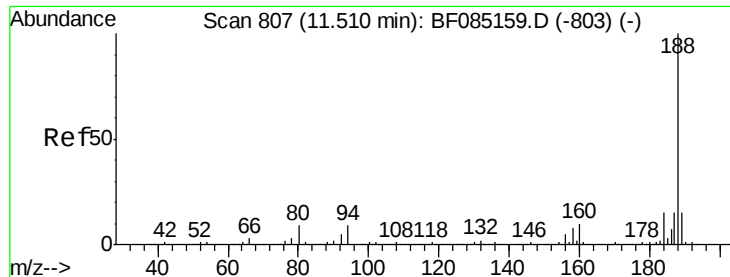
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

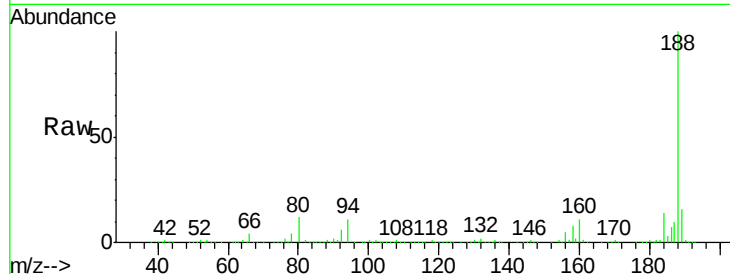




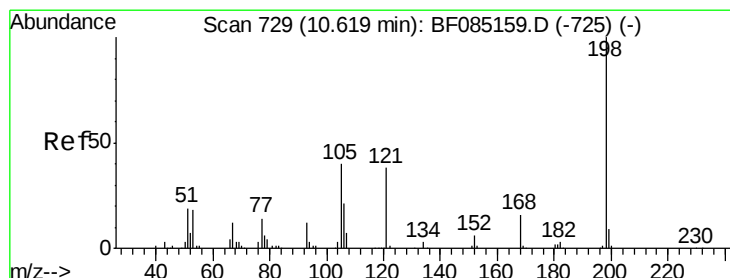
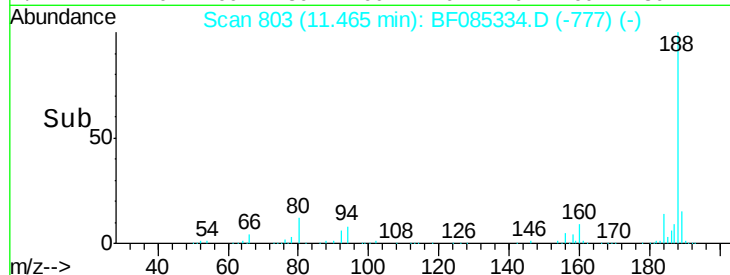
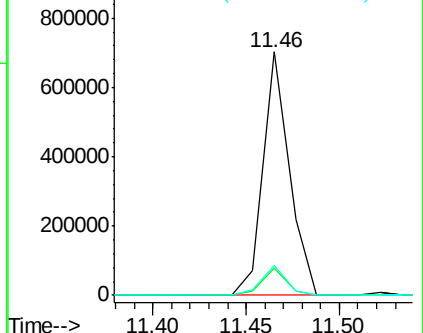
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 803  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

Tgt Ion:188 Resp: 685693  
Ion Ratio Lower Upper  
188 100  
94 11.2 7.0 10.6#  
80 12.0 7.4 11.0#

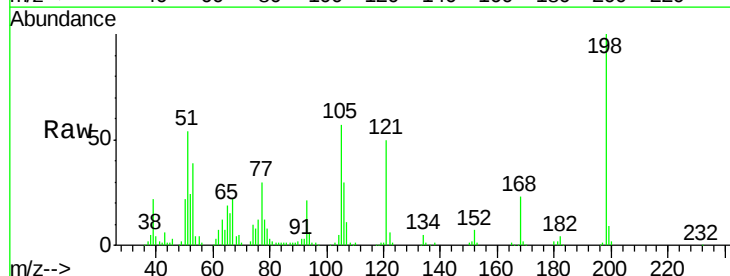


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

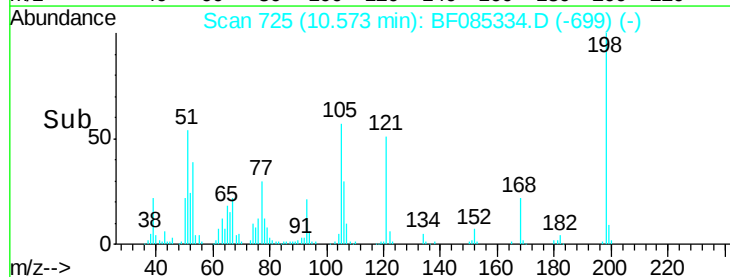
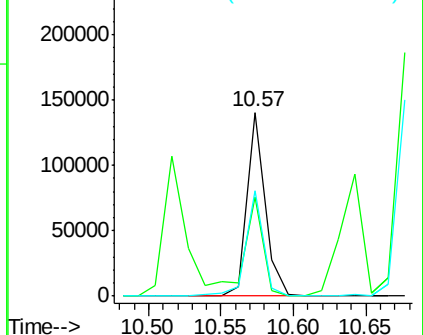


#64  
4,6-Dinitro-2-methylphenol  
Concen: 29.78 ng  
RT: 10.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion:198 Resp: 122286  
Ion Ratio Lower Upper  
198 100  
51 53.8 9.5 49.5#  
105 57.1 20.5 60.5



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





#65

n-Nitrosodiphenylamine

Concen: 32.98 ng

RT: 10.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

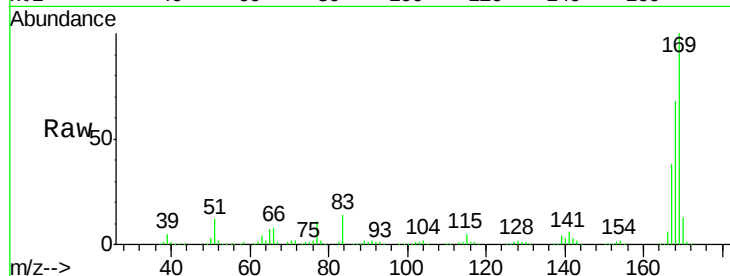
Tgt Ion:169 Resp: 703373

Ion Ratio Lower Upper

169 100

168 68.1 54.8 82.2

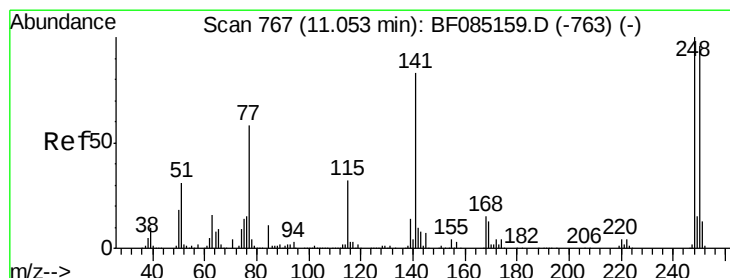
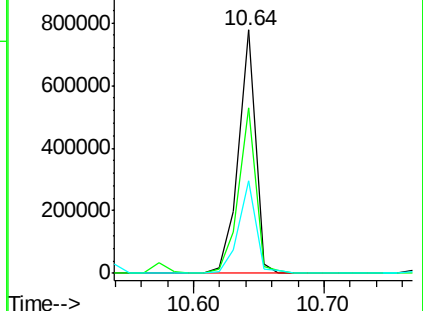
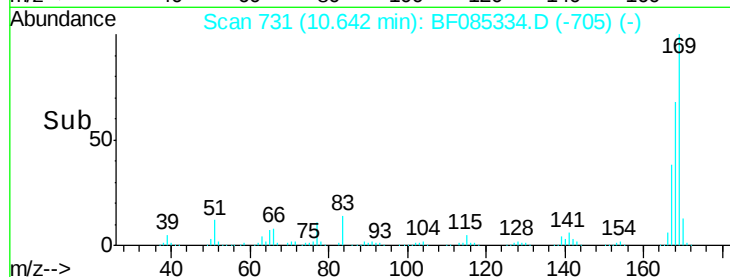
167 37.8 30.3 45.5



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: 29.98 ng

RT: 11.01 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

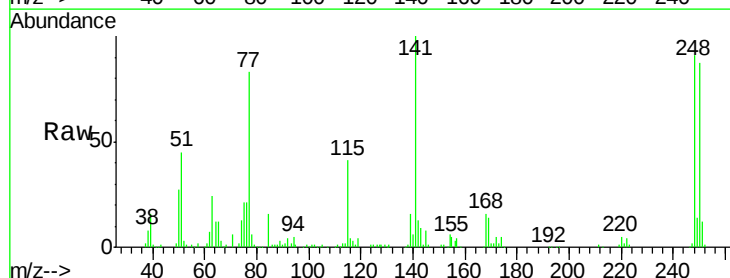
Tgt Ion:248 Resp: 199619

Ion Ratio Lower Upper

248 100

250 95.8 77.1 115.7

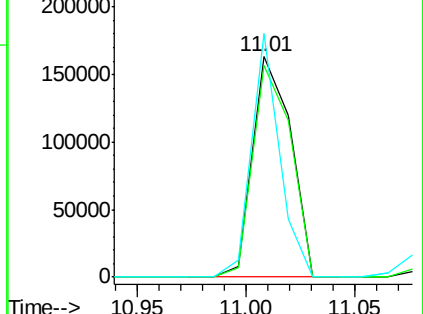
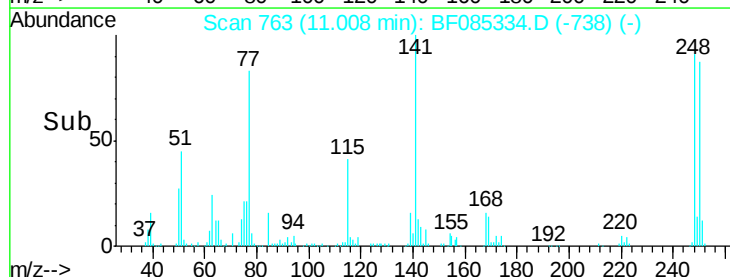
141 110.5 66.2 99.2#

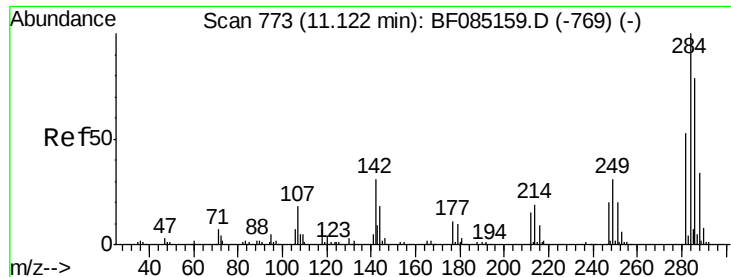


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 29.84 ng

RT: 11.08 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

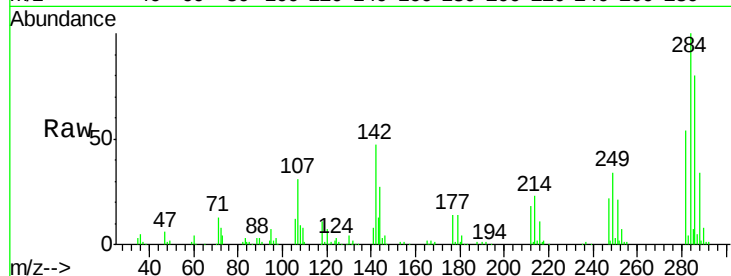
Tgt Ion:284 Resp: 211963

Ion Ratio Lower Upper

284 100

142 46.8 24.9 37.3#

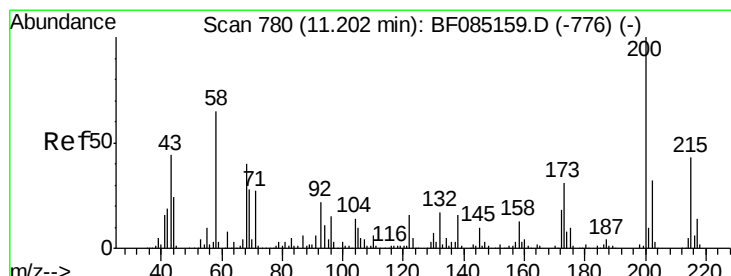
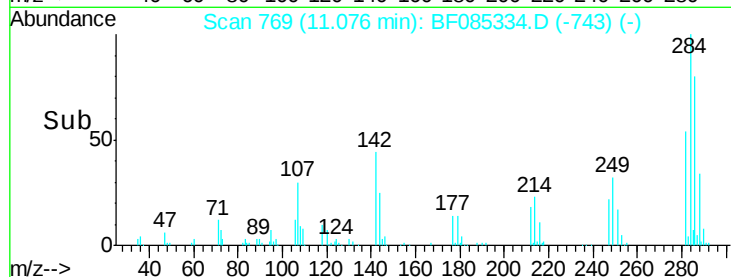
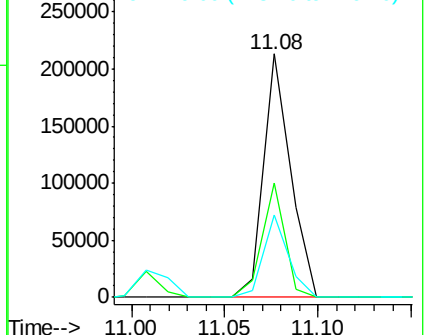
249 34.1 25.0 37.4



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: 36.37 ng

RT: 11.17 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

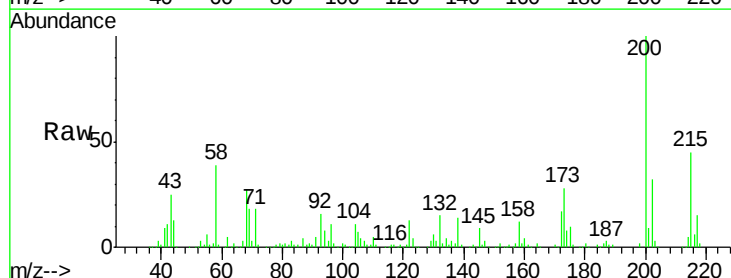
Tgt Ion:200 Resp: 215743

Ion Ratio Lower Upper

200 100

173 28.3 10.5 50.5

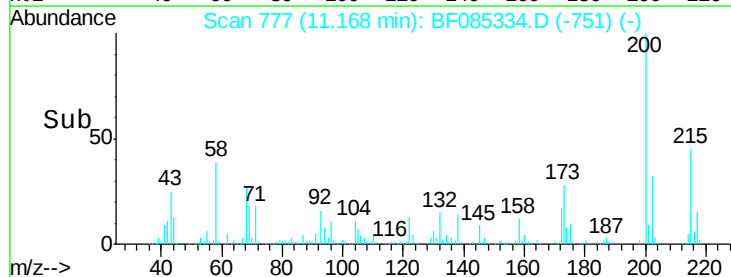
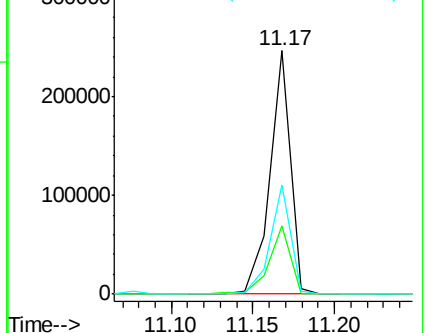
215 45.1 23.4 63.4



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

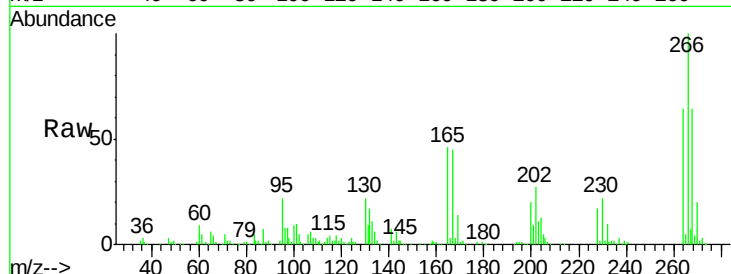




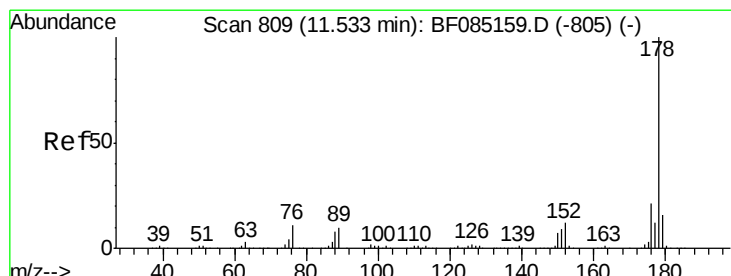
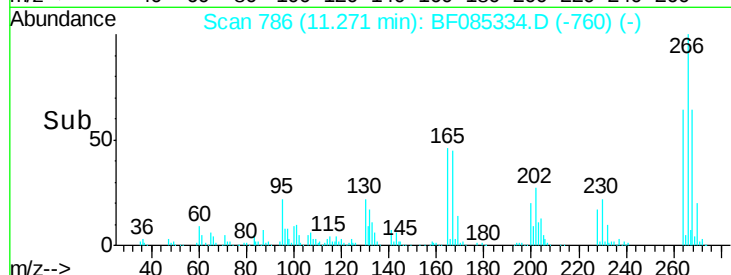
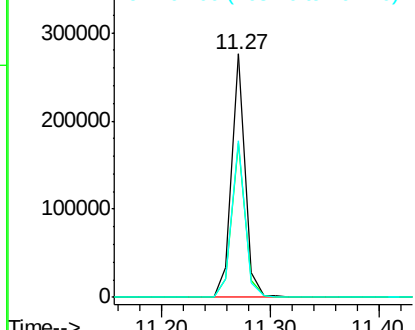
#69  
 Pentachlorophenol  
 Concen: 59.95 ng  
 RT: 11.27 min Scan# 786  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion:266 Resp: 236364  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.0 75.0  
 264 64.1 51.4 77.2

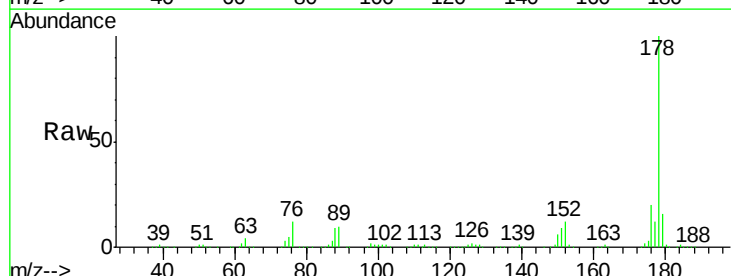


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

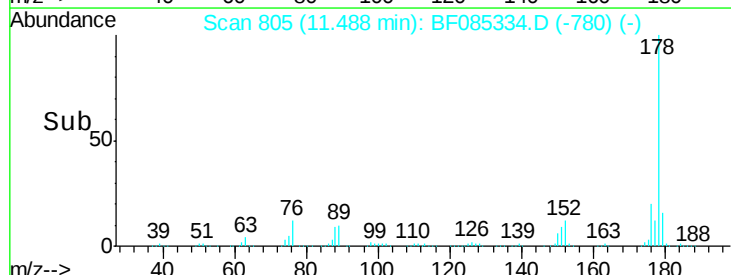
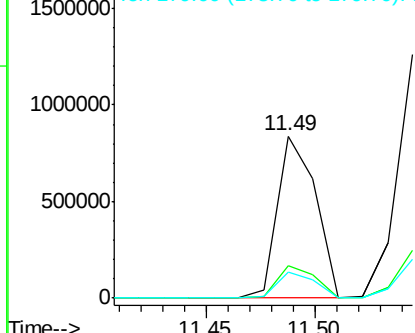


#70  
 Phenanthrene  
 Concen: 28.79 ng  
 RT: 11.49 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:178 Resp: 1034397  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 16.8 25.2  
 179 15.9 13.1 19.7



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

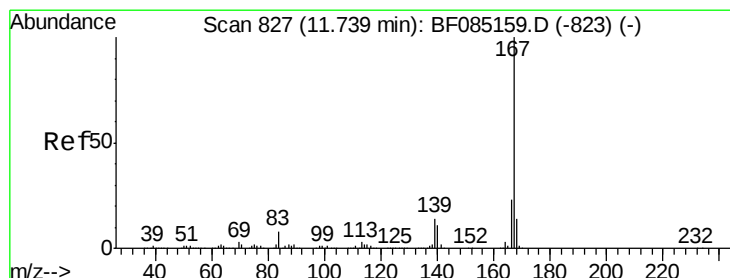
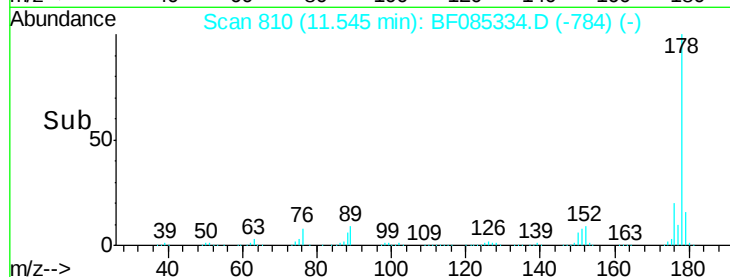
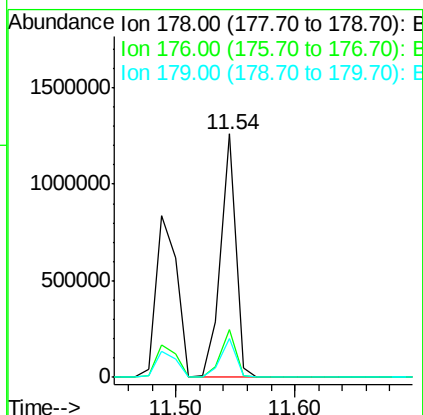
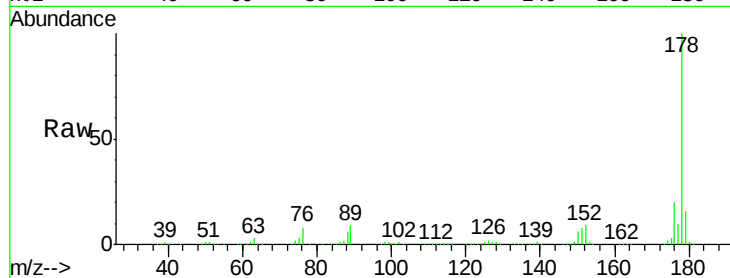




#71  
 Anthracene  
 Concen: 28.96 ng  
 RT: 11.54 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

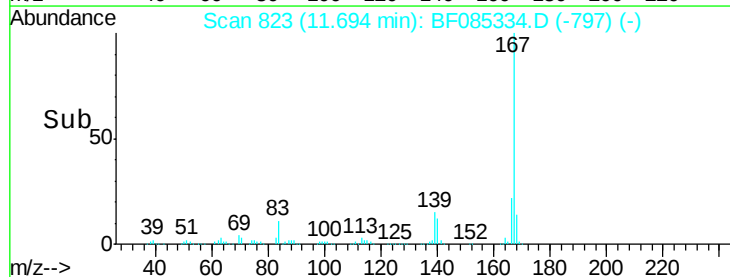
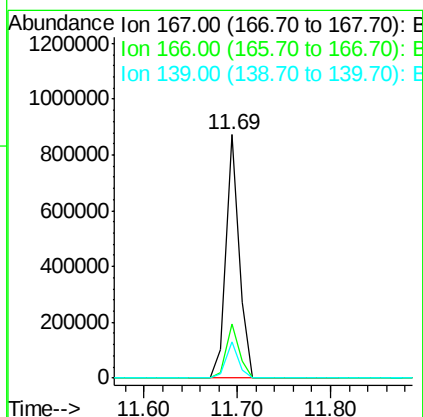
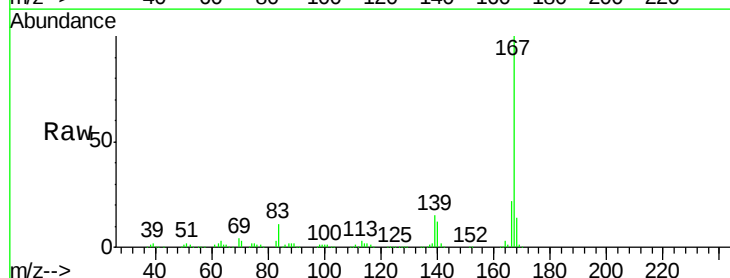
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

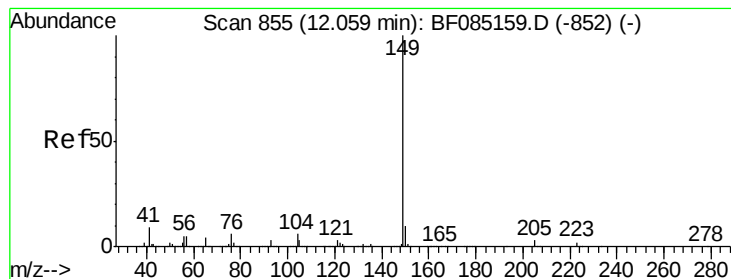
Tgt Ion:178 Resp: 1104894  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.9 23.9  
 179 15.9 12.5 18.7



#72  
 Carbazole  
 Concen: 25.79 ng  
 RT: 11.69 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:167 Resp: 862858  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.2 27.2  
 139 14.8 11.4 17.0





#73

Di-n-butylphthalate

Concen: 26.42 ng

RT: 12.03 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

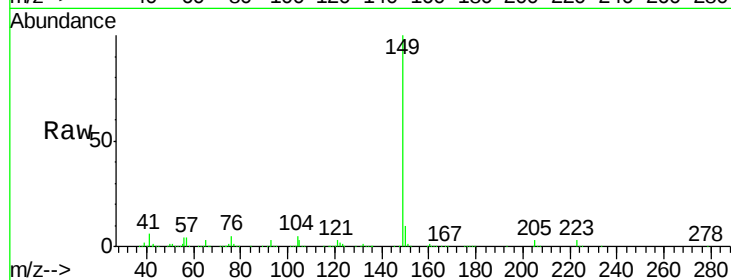
Tgt Ion:149 Resp: 1117229

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

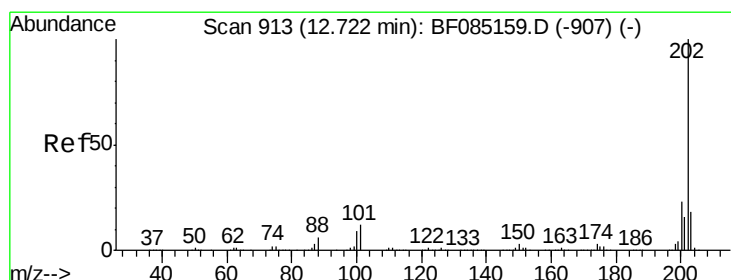
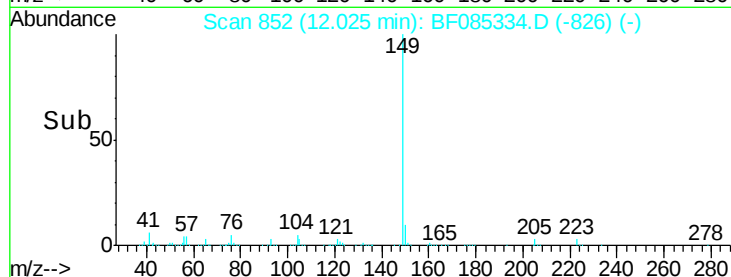
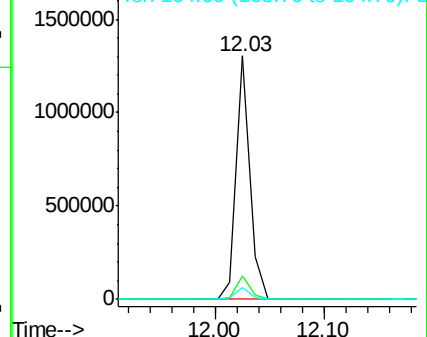
104 5.1 4.7 7.1



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: 27.51 ng

RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

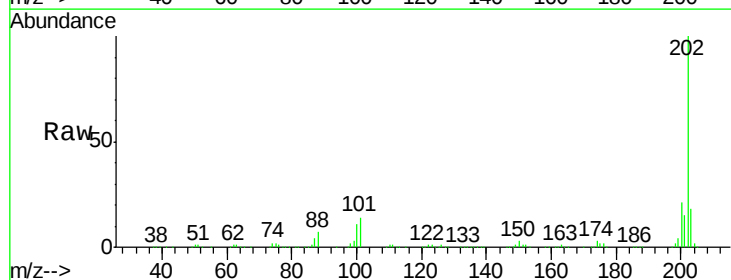
Tgt Ion:202 Resp: 992236

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.8

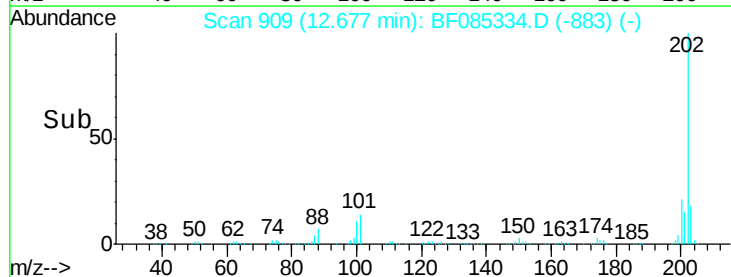
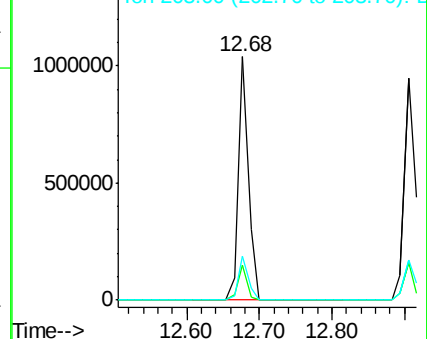
203 18.2 0.0 38.4

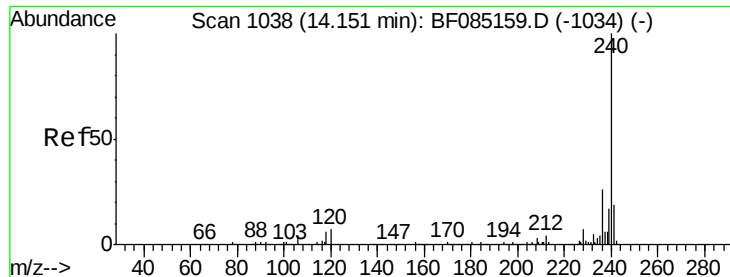


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

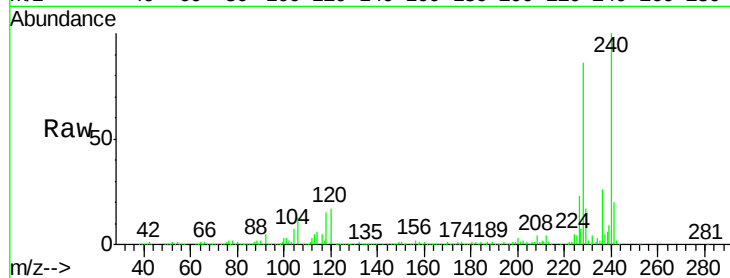
Tgt Ion:240 Resp: 476083

Ion Ratio Lower Upper

240 100

120 17.2 5.3 7.9#

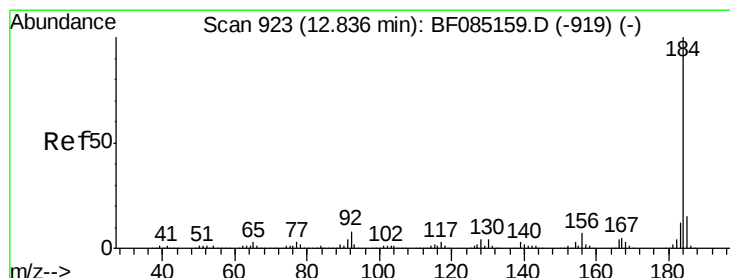
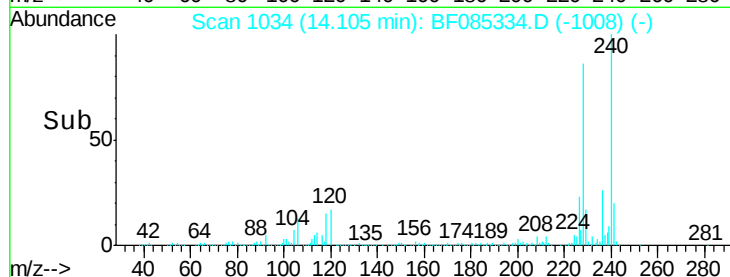
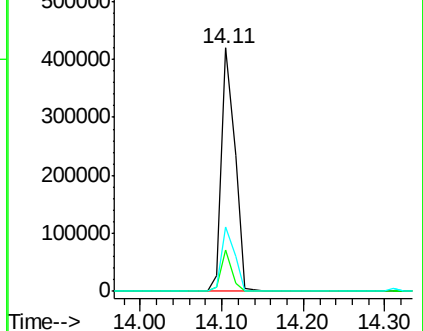
236 26.3 20.7 31.1



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: 39.00 ng

RT: 12.80 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

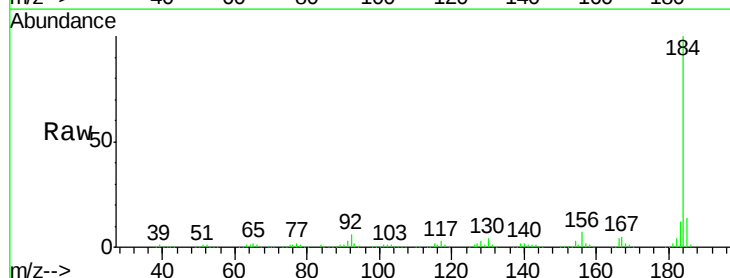
Tgt Ion:184 Resp: 552563

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

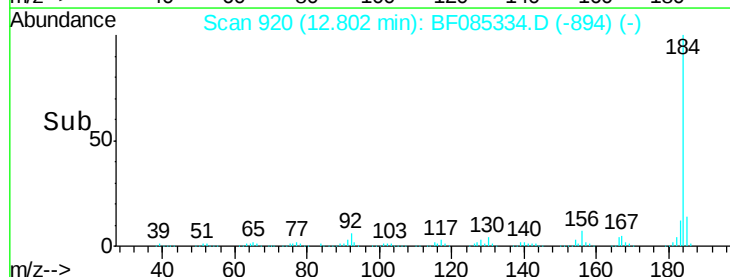
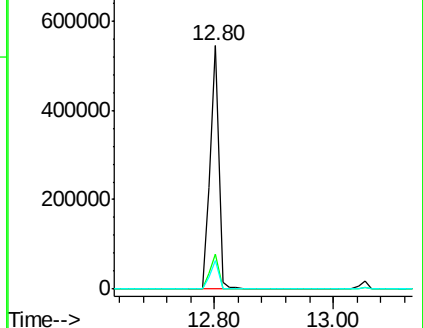
183 11.6 9.4 14.2

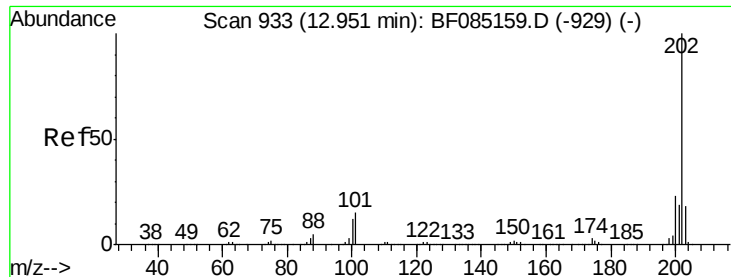


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

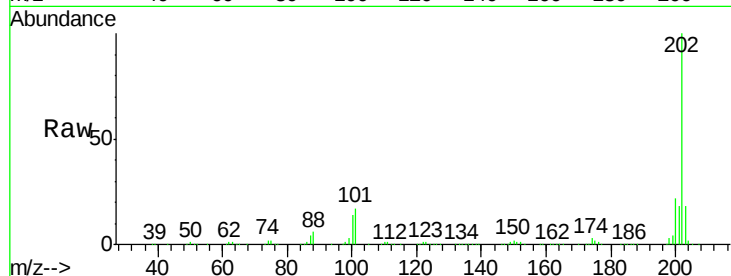




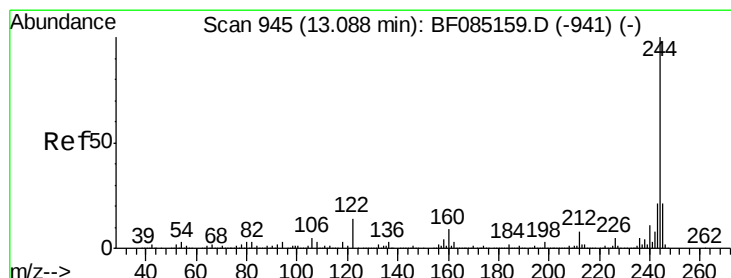
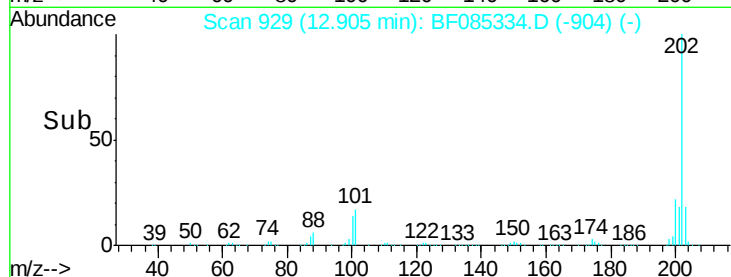
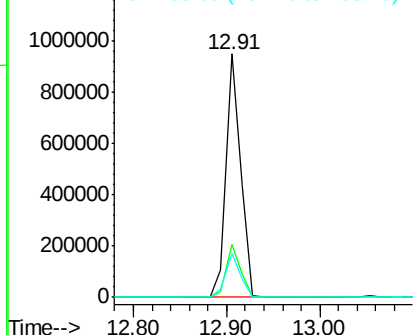
#77  
 Pyrene  
 Concen: 28.79 ng  
 RT: 12.91 min Scan# 929  
 Delta R.T. -0.01 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion: 202 Resp: 1031801  
 Ion Ratio Lower Upper  
 202 100  
 200 21.9 18.2 27.4  
 203 18.1 14.7 22.1

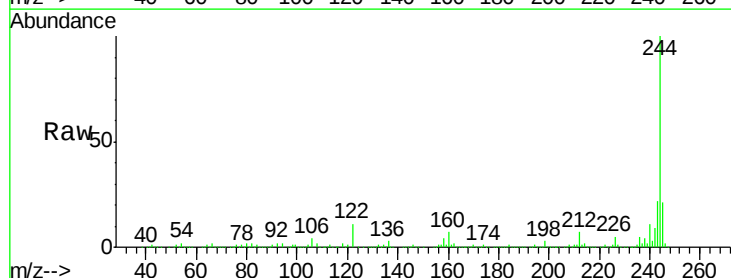


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

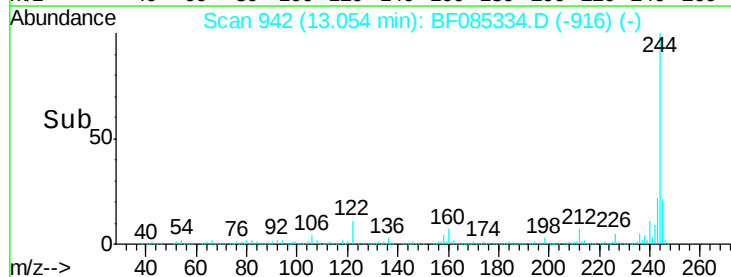
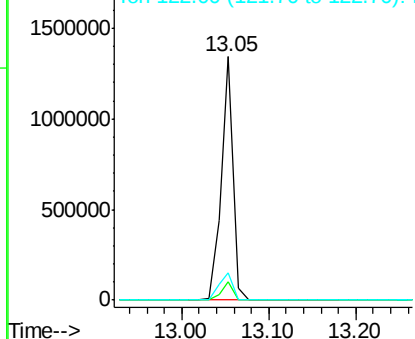


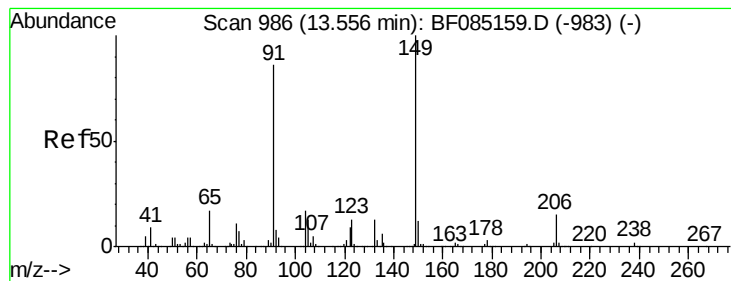
#78  
 Terphenyl-d14  
 Concen: 62.38 ng  
 RT: 13.05 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion: 244 Resp: 1279249  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.4 9.6  
 122 11.4 11.4 17.2#



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





#79

Butylbenzylphthalate

Concen: 28.06 ng

RT: 13.52 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

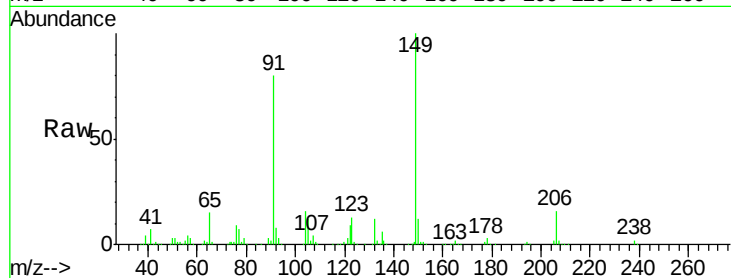
Tgt Ion:149 Resp: 456219

Ion Ratio Lower Upper

149 100

91 79.6 69.0 103.4

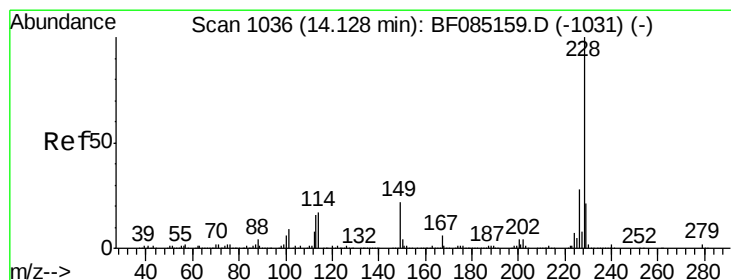
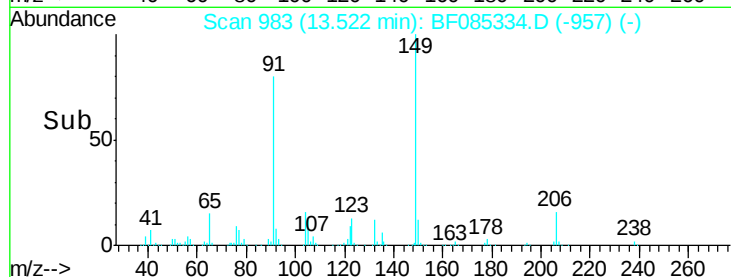
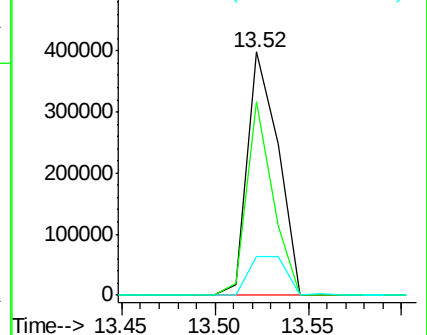
206 16.0 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 28.35 ng

RT: 14.09 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

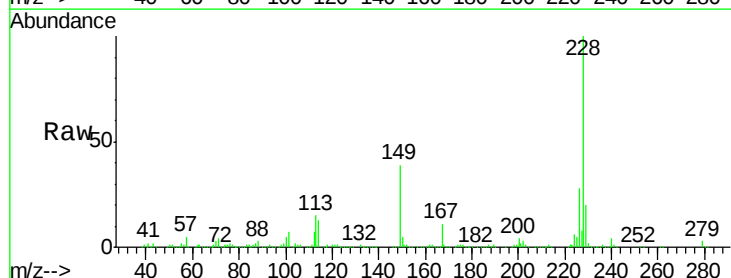
Tgt Ion:228 Resp: 807969

Ion Ratio Lower Upper

228 100

226 27.6 22.8 34.2

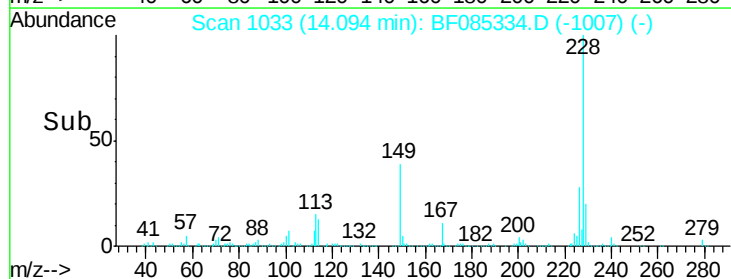
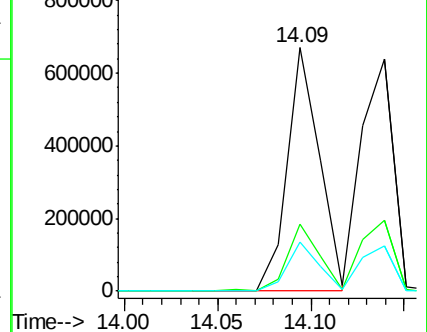
229 20.1 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

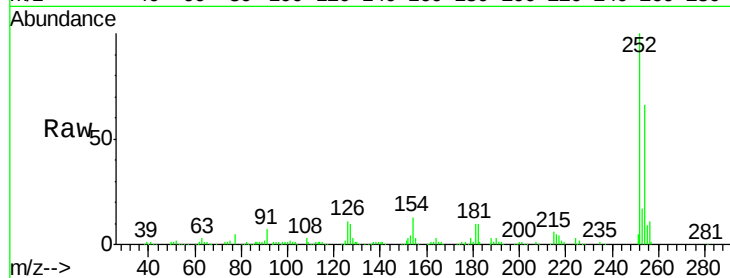




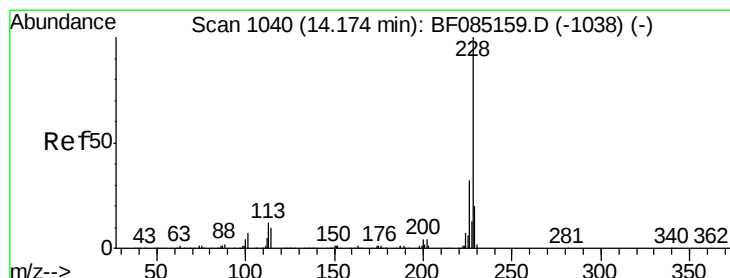
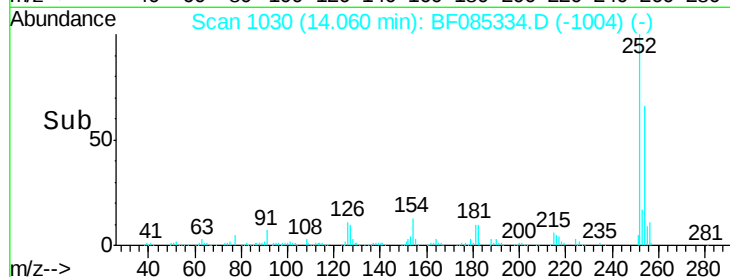
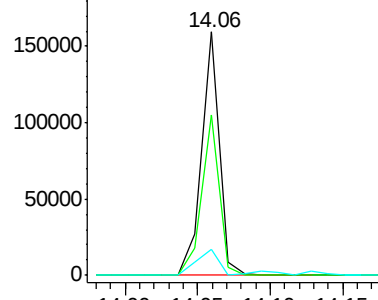
#81  
 3,3'-Dichlorobenzidine  
 Concen: 14.99 ng  
 RT: 14.06 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

Tgt Ion:252 Resp: 134778  
 Ion Ratio Lower Upper  
 252 100  
 254 66.0 51.4 77.0  
 126 10.5 12.9 19.3#

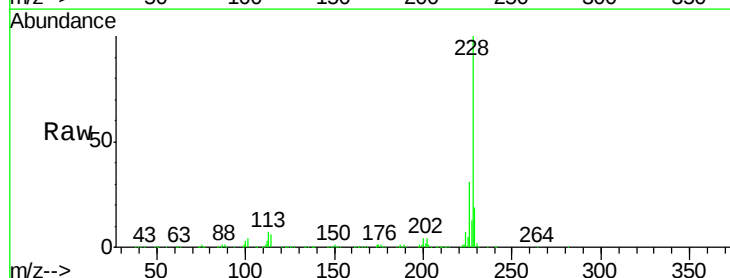


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

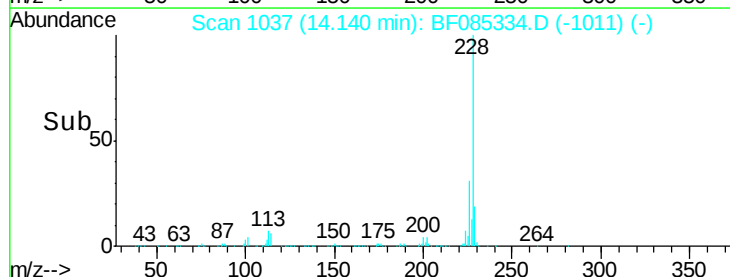
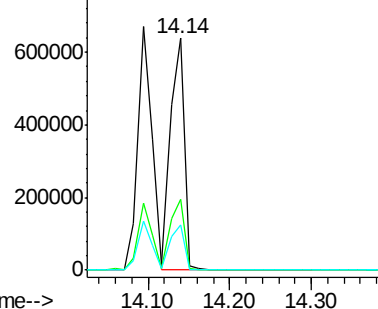


#82  
 Chrysene  
 Concen: 29.21 ng  
 RT: 14.14 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion:228 Resp: 768944  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.2 37.8  
 229 19.4 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.07 ng

RT: 14.08 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

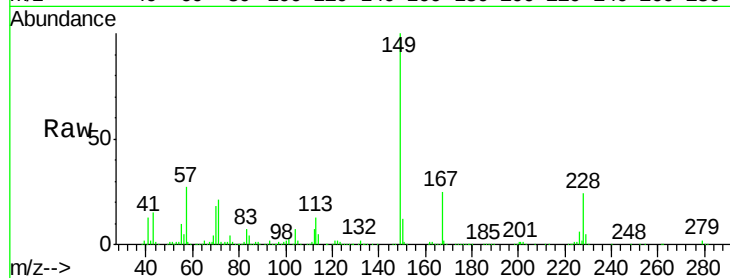
Tgt Ion:149 Resp: 579234

Ion Ratio Lower Upper

149 100

167 24.7 20.3 30.5

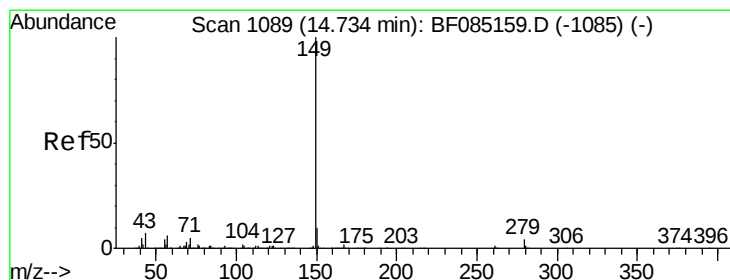
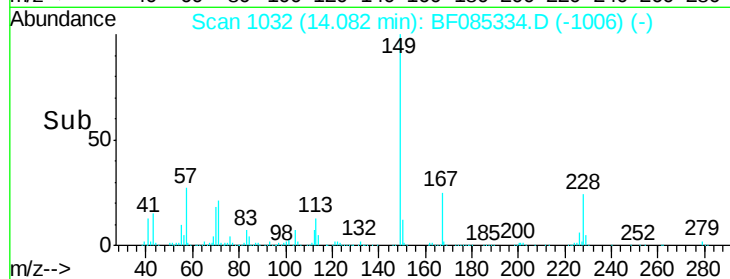
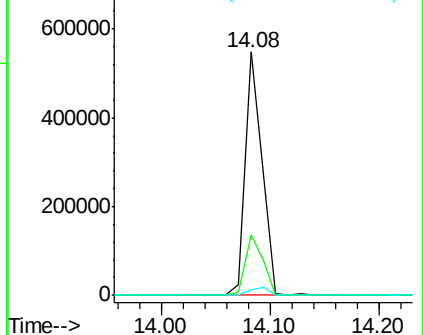
279 2.2 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 28.87 ng

RT: 14.70 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

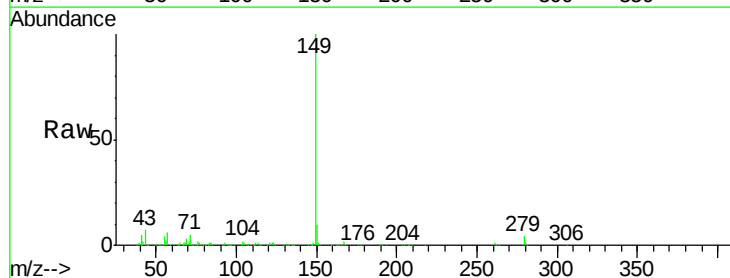
Tgt Ion:149 Resp: 940686

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

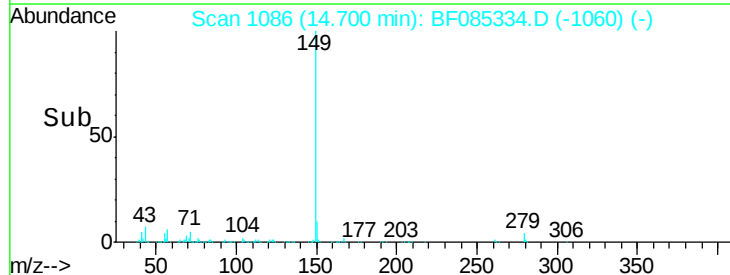
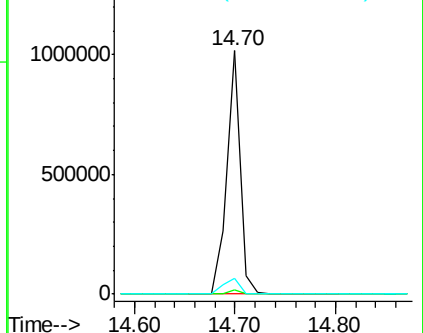
43 7.9 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

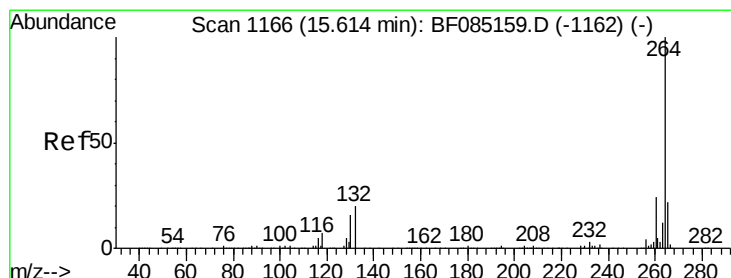
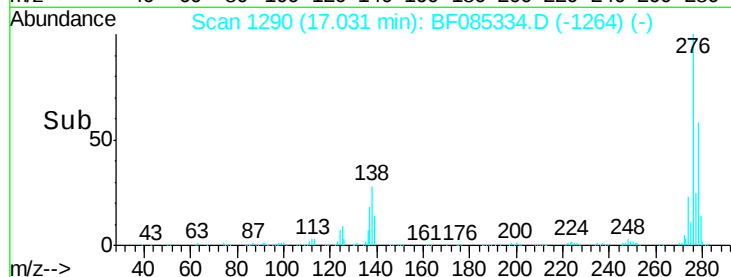
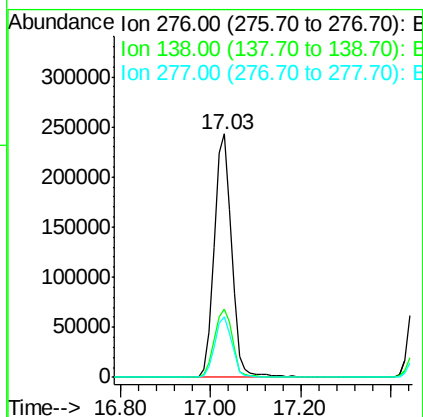
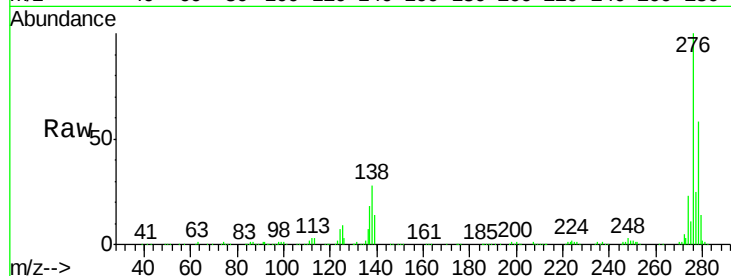




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 31.90 ng  
 RT: 17.03 min Scan# 1290  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

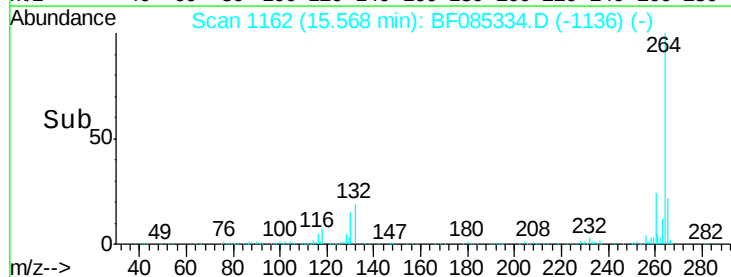
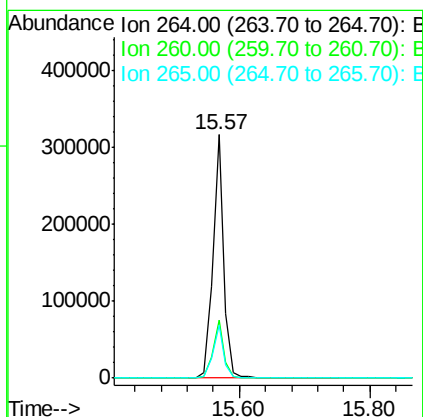
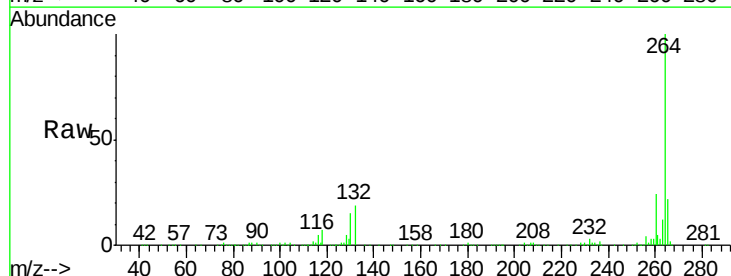
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BS

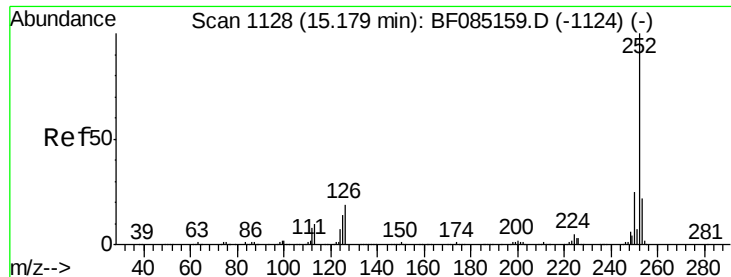
Tgt Ion: 276 Resp: 655526  
 Ion Ratio Lower Upper  
 276 100  
 138 29.9 26.4 39.6  
 277 25.0 20.2 30.2



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.57 min Scan# 1162  
 Delta R.T. 0.00 min  
 Lab File: BF085334.D  
 Acq: 10 Mar 2016 15:40

Tgt Ion: 264 Resp: 373509  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.2 28.8  
 265 21.8 17.3 25.9

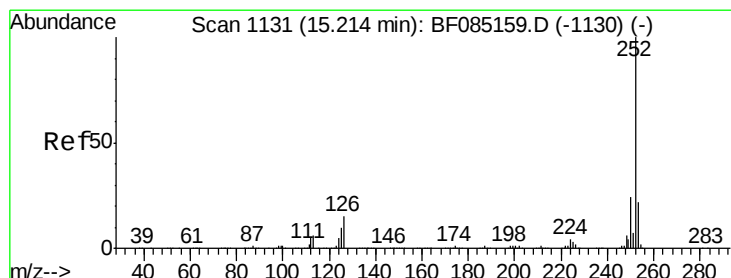
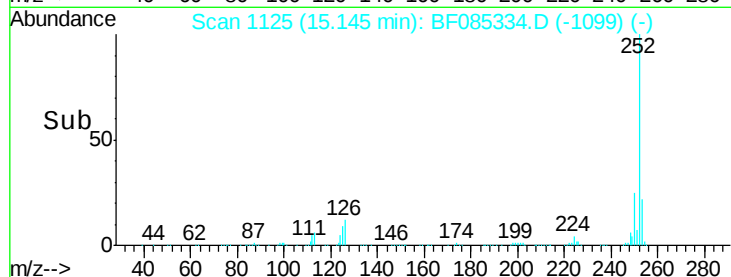
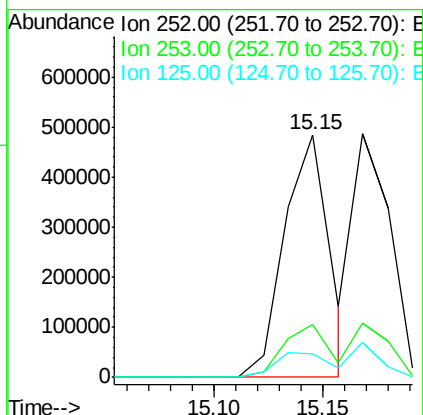
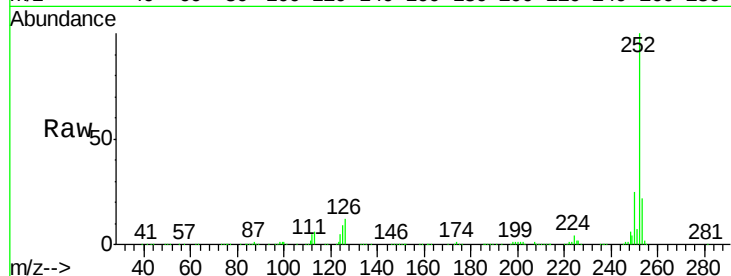




#87  
Benzo(b)fluoranthene  
Concen: 27.89 ng  
RT: 15.15 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

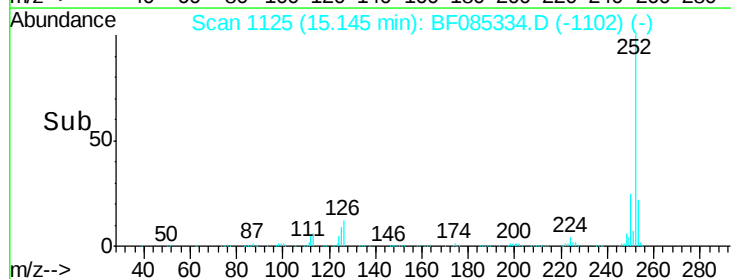
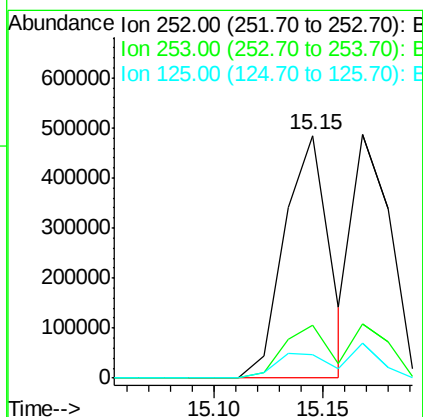
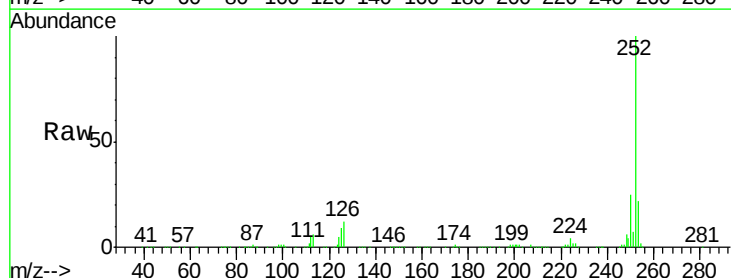
Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BS

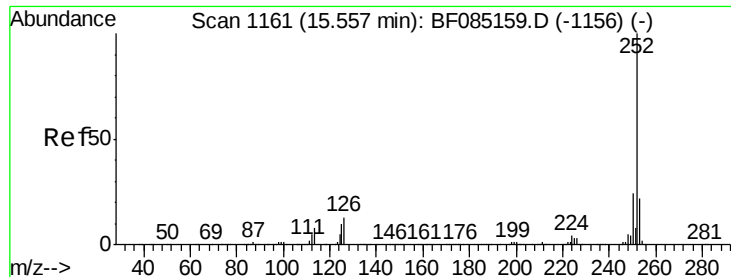
Tgt Ion:252 Resp: 694266  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 9.4 11.3 16.9#



#88  
Benzo(k)fluoranthene  
Concen: 34.57 ng  
RT: 15.15 min Scan# 1125  
Delta R.T. -0.03 min  
Lab File: BF085334.D  
Acq: 10 Mar 2016 15:40

Tgt Ion:252 Resp: 694266  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 9.4 10.4 15.6#





#89

Benzo(a)pyrene

Concen: 29.74 ng

RT: 15.51 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampled :

PB88797BS

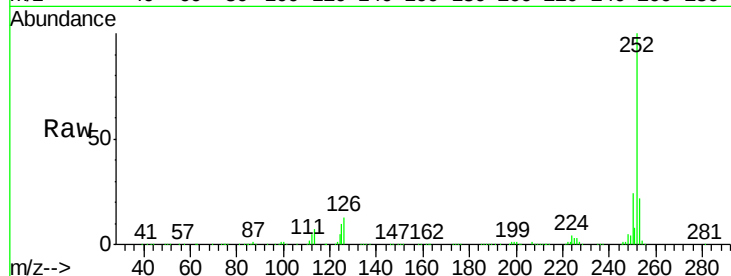
Tgt Ion:252 Resp: 613530

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

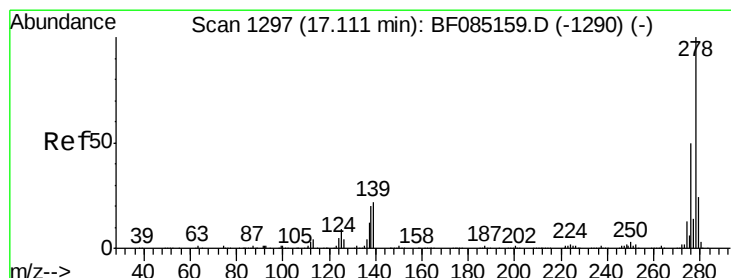
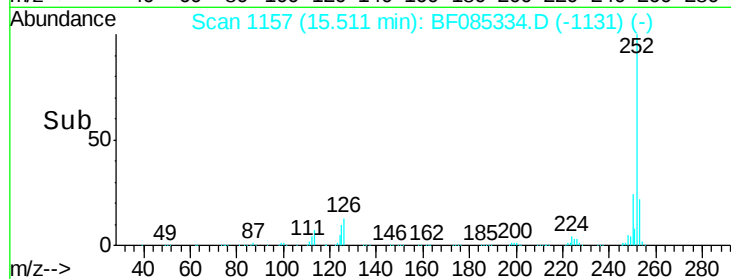
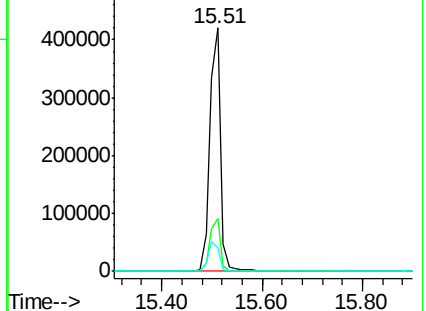
125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.27 ng

RT: 17.04 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

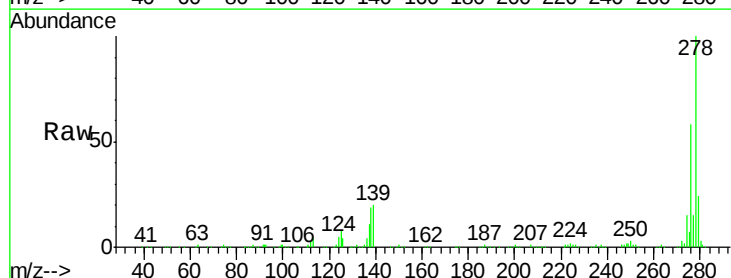
Tgt Ion:278 Resp: 550669

Ion Ratio Lower Upper

278 100

139 19.8 17.3 25.9

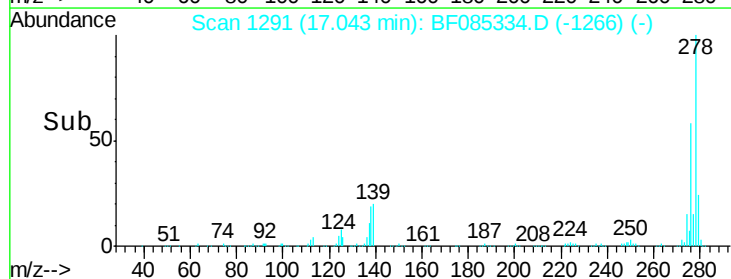
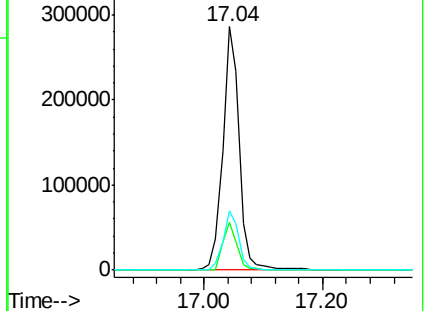
279 24.2 19.2 28.8

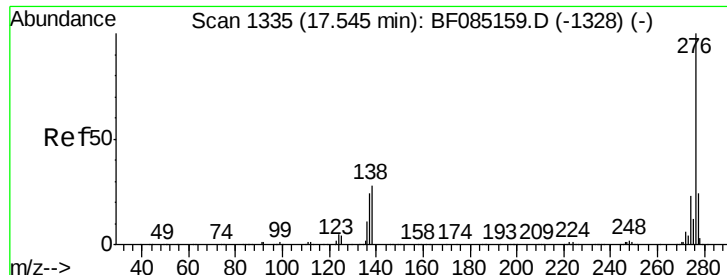


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.54 ng

RT: 17.48 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF085334.D

Acq: 10 Mar 2016 15:40

Instrument :

BNA\_F

ClientSampleId :

PB88797BS

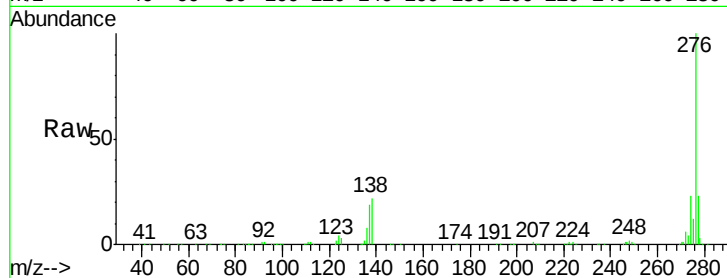
Tgt Ion: 276 Resp: 558440

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 22.3 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

