

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042016\  
 Data File : BF086310.D  
 Acq On : 20 Apr 2016 15:53  
 Operator : UM/SJ  
 Sample : PB89932BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

Quant Time: Apr 21 00:52:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 20 15:45:26 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 274676   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.14  | 136  | 1109315  | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.90  | 164  | 474070   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.38 | 188  | 765591   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 14.01 | 240  | 474034   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.44 | 264  | 449335   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1807810 | 114.83 | ng | -0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 2336993 | 113.44 | ng | -0.03 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1437175 | 74.20  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 423733  | 114.68 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 2317623 | 96.18  | ng | -0.03 |
| 78) Terphenyl-d14        | 12.97 | 244 | 1404475 | 70.53  | ng | -0.03 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.57  | 88  | 497     | 0.06  | ng | # 22   |
| 4) n-Nitrosodimethylamine      | 3.21  | 42  | 884     | 0.12  | ng | # 1    |
| 6) Aniline                     | 6.53  | 93  | 516     | 0.02  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.65  | 128 | 1148    | 0.06  | ng | # 1    |
| 9) Benzaldehyde                | 6.49  | 77  | 3283    | 0.22  | ng | # 1    |
| 10) Phenol                     | 6.50  | 94  | 1003    | 0.04  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.62  | 93  | 3211    | 0.16  | ng | # 1    |
| 12) 1,3-Dichlorobenzene        | 6.81  | 146 | 465     | 0.02  | ng | # 1    |
| 13) 1,4-Dichlorobenzene        | 6.88  | 146 | 636     | 0.03  | ng | # 36   |
| 14) 1,2-Dichlorobenzene        | 7.04  | 146 | 1088    | 0.06  | ng | # 1    |
| 15) Benzyl Alcohol             | 7.01  | 79  | 23553   | 1.84  | ng | # 45   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14  | 45  | 600     | 0.02  | ng | # 1    |
| 17) 2-Methylphenol             | 7.01  | 107 | 245     | 0.02  | ng | # 1    |
| 18) Hexachloroethane           | 7.37  | 117 | 438     | 0.07  | ng | # 2    |
| 19) n-Nitroso-di-n-propylamine | 7.42  | 70  | 187436  | 15.02 | ng | # 80   |
| 20) 3+4-Methylphenols          | 7.01  | 107 | 245     | 0.01  | ng | # 1    |
| 22) Acetophenone               | 7.29  | 105 | 672     | 0.03  | ng | # 1    |
| 24) Nitrobenzene               | 7.42  | 77  | 5017    | 0.24  | ng | # 30   |
| 25) Isophorone                 | 7.42  | 82  | 1133735 | 30.89 | ng | # 67   |
| 31) Naphthalene                | 8.17  | 128 | 1962    | 0.04  | ng | # 75   |
| 37) 2-Methylnaphthalene        | 8.96  | 142 | 1064    | 0.03  | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02  | 216 | 287     | 0.02  | ng | # 25   |
| 45) 1,1'-Biphenyl              | 9.32  | 154 | 1123    | 0.03  | ng | # 48   |
| 46) 2-Chloronaphthalene        | 9.34  | 162 | 863     | 0.03  | ng | # 71   |
| 47) 2-Nitroaniline             | 9.22  | 65  | 3651    | 0.38  | ng | # 1    |
| 48) Acenaphthylene             | 9.76  | 152 | 1805    | 0.04  | ng | # 59   |
| 50) 2,6-Dinitrotoluene         | 9.90  | 165 | 57832   | 7.79  | ng | # 32   |
| 51) Acenaphthene               | 9.90  | 154 | 3180    | 0.12  | ng | # 4    |
| 54) Dibenzofuran               | 10.11 | 168 | 1243    | 0.04  | ng | # 60   |
| 55) 4-Nitrophenol              | 10.11 | 139 | 299     | 0.05  | ng | # 3    |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165 | 59039   | 6.40  | ng | # 31   |
| 57) Fluorene                   | 10.45 | 166 | 1203    | 0.05  | ng | # 89   |
| 59) Diethylphthalate           | 10.32 | 149 | 1071    | 0.03  | ng | # 60   |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204 | 250     | 0.02  | ng | # 53   |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042016\  
 Data File : BF086310.D  
 Acq On : 20 Apr 2016 15:53  
 Operator : UM/SJ  
 Sample : PB89932BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

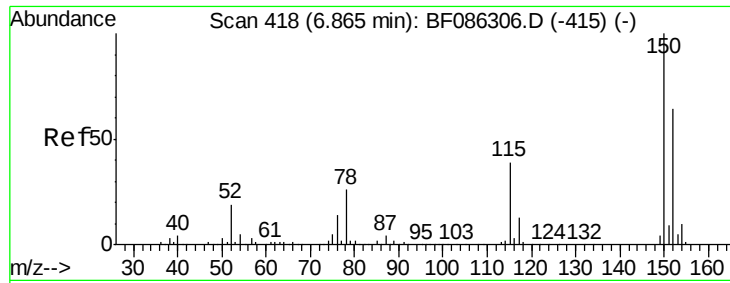
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

Quant Time: Apr 21 00:52:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 20 15:45:26 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 62) Azobenzene                 | 10.60 | 77   | 1105     | 0.03 | ng    | # 60     |
| 64) 4,6-Dinitro-2-methylphenol | 10.68 | 198  | 921      | 6.39 | ng    | # 1      |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 750      | 0.03 | ng    | # 69     |
| 66) 4-Bromophenyl-phenylether  | 10.69 | 248  | 25873    | 3.15 | ng    | # 1      |
| 67) Hexachlorobenzene          | 10.99 | 284  | 224      | 0.03 | ng    | # 32     |
| 70) Phenanthrene               | 11.40 | 178  | 2129     | 0.06 | ng    | 94       |
| 71) Anthracene                 | 11.40 | 178  | 2129     | 0.05 | ng    | 95       |
| 72) Carbazole                  | 11.62 | 167  | 942      | 0.03 | ng    | # 57     |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 3859     | 0.08 | ng    | # 92     |
| 74) Fluoranthene               | 12.59 | 202  | 1123     | 0.03 | ng    | 61       |
| 77) Pyrene                     | 12.82 | 202  | 1480     | 0.04 | ng    | # 55     |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 3526     | 0.14 | ng    | # 89     |
| 82) Chrysene                   | 14.01 | 228  | 3526     | 0.13 | ng    | # 85     |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 385      | 0.02 | ng    | # 53     |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 1302     | 0.03 | ng    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 735      | 0.03 | ng    | # 47     |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 2397     | 0.09 | ng    | # 59     |
| 88) Benzo(k)fluoranthene       | 15.03 | 252  | 2397     | 0.11 | ng    | # 60     |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 926      | 0.04 | ng    | # 58     |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278  | 850      | 0.04 | ng    | # 54     |
| 91) Benzo(g,h,i)perylene       | 17.25 | 276  | 294      | 0.01 | ng    | # 51     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

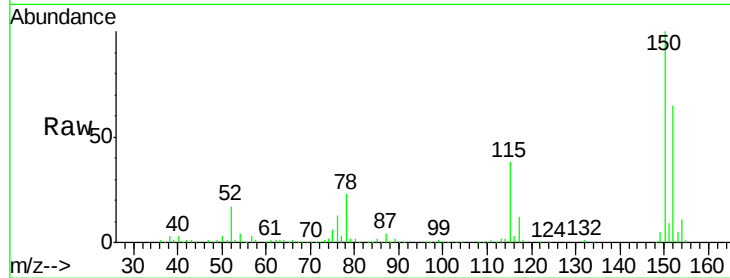
Tgt Ion: 152 Resp: 274676

Ion Ratio Lower Upper

152 100

150 153.7 124.1 186.1

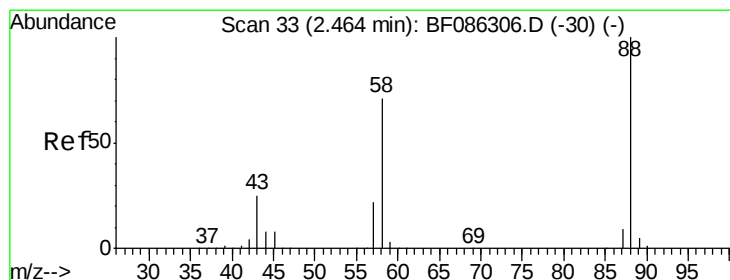
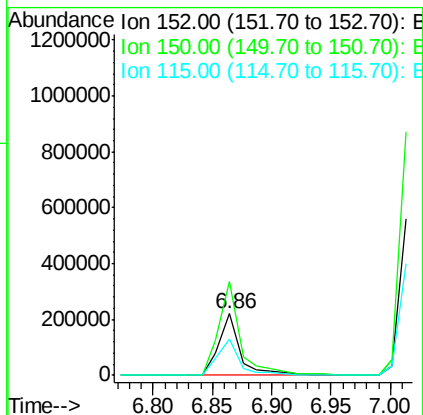
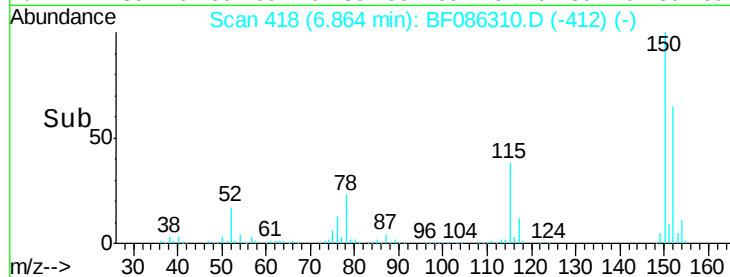
115 58.6 43.9 65.9



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: 0.06 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.06 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

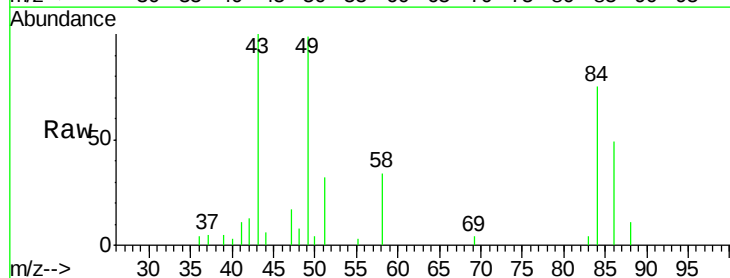
Tgt Ion: 88 Resp: 497

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

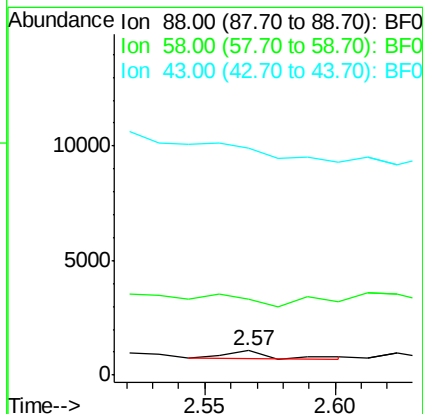
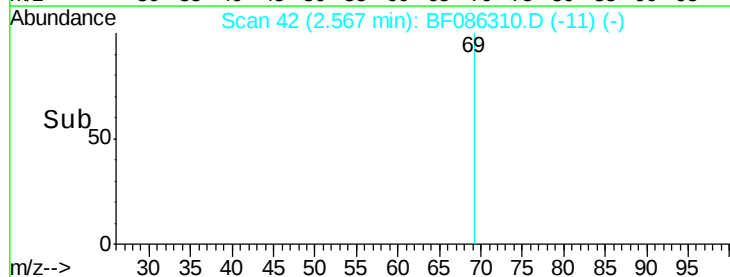
43 0.0 23.3 34.9#

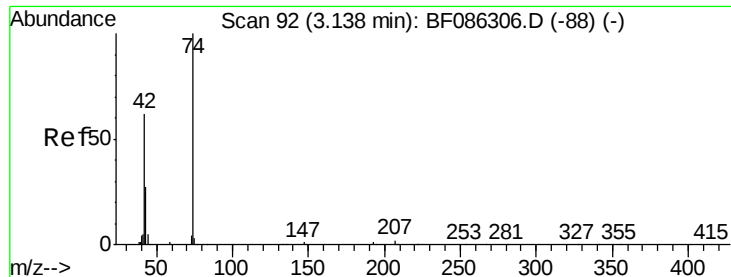


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

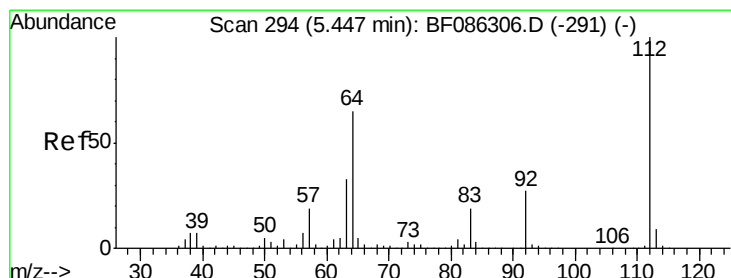
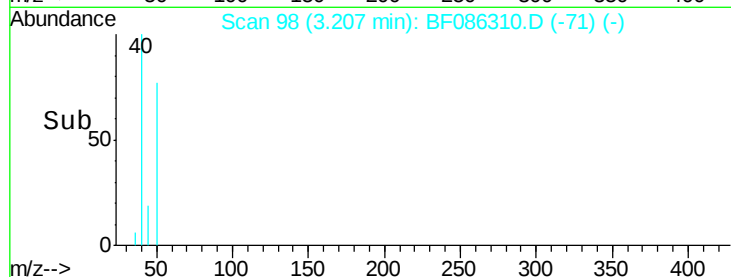
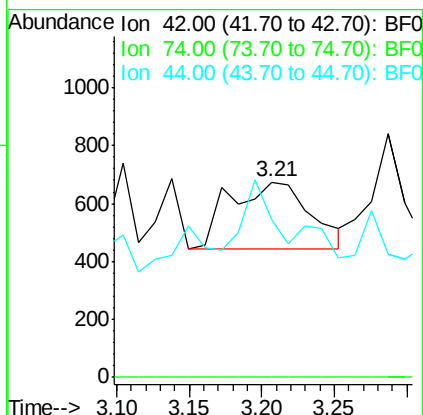
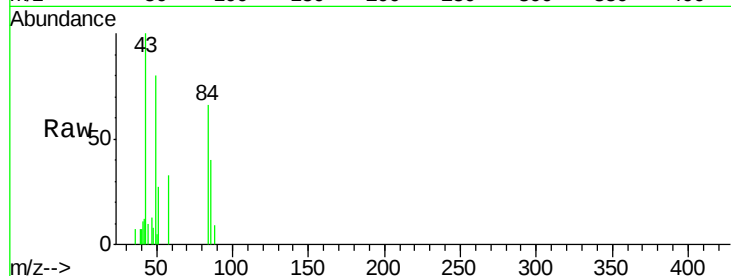
Instrument :

BNA\_F

ClientSampleId :

PB89932BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 884    |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 0.0   | 100.5 | 150.7# |
| 44       | 80.7  | 5.4   | 8.0#   |



#5

2-Fluorophenol

Concen: 114.83 ng

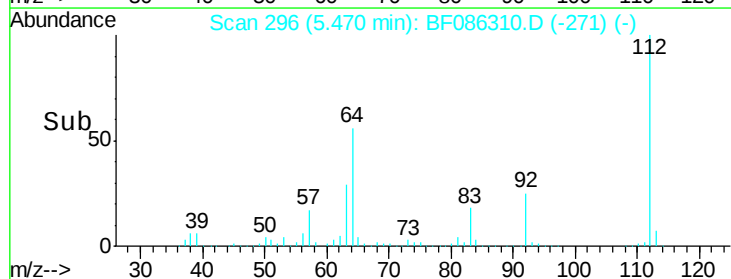
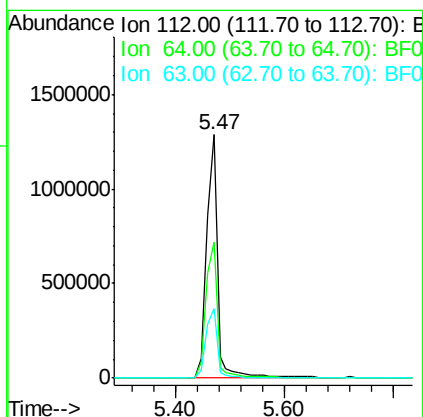
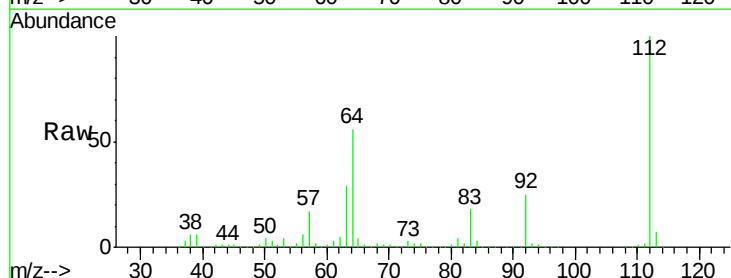
RT: 5.47 min Scan# 296

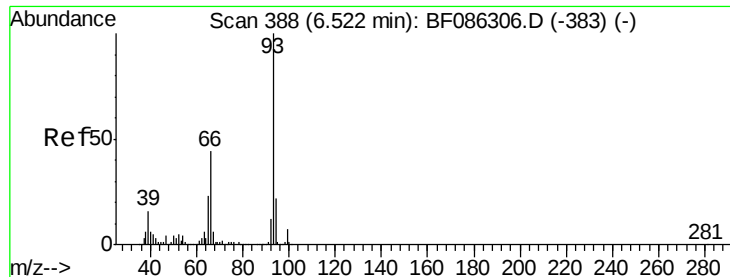
Delta R.T. -0.01 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1807810 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 56.1  | 48.1  | 72.1    |
| 63       | 28.7  | 25.5  | 38.3    |





#6

Aniline

Concen: 0.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

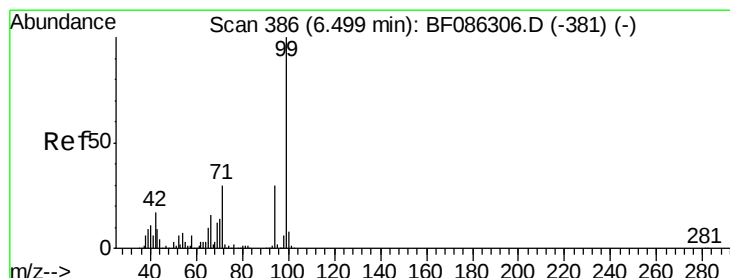
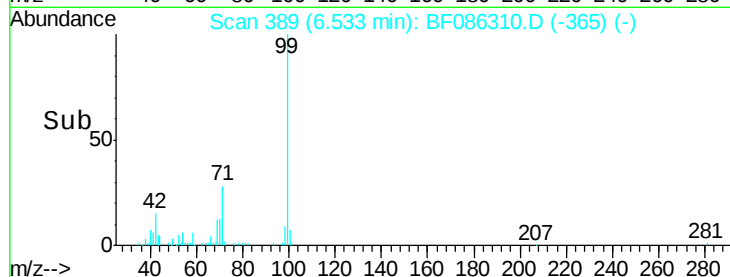
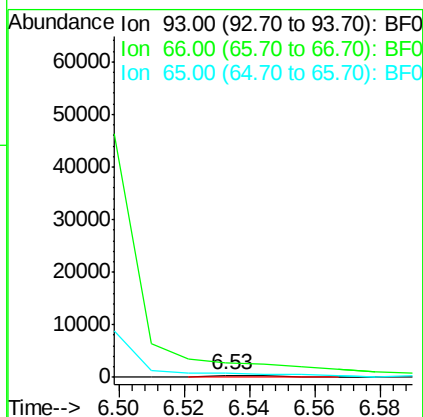
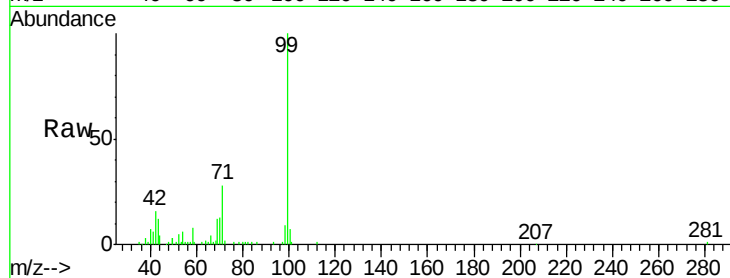
Tgt Ion: 93 Resp: 516

Ion Ratio Lower Upper

93 100

66 733.6 32.2 48.2#

65 197.4 16.4 24.6#



#7

Phenol-d6

Concen: 113.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

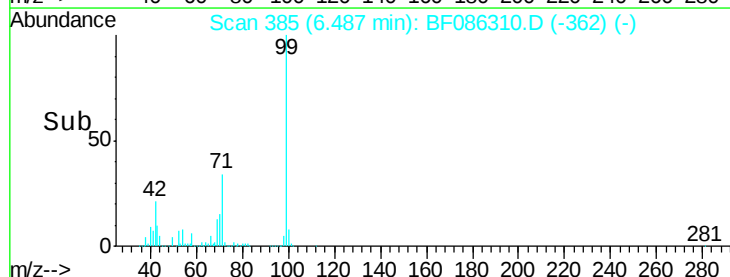
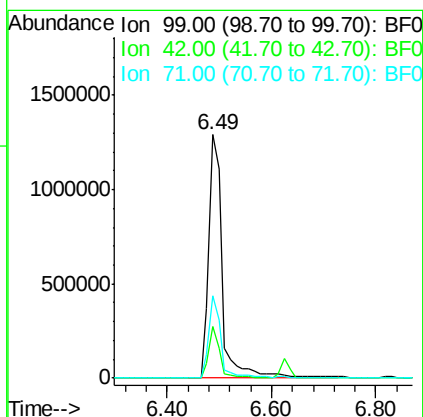
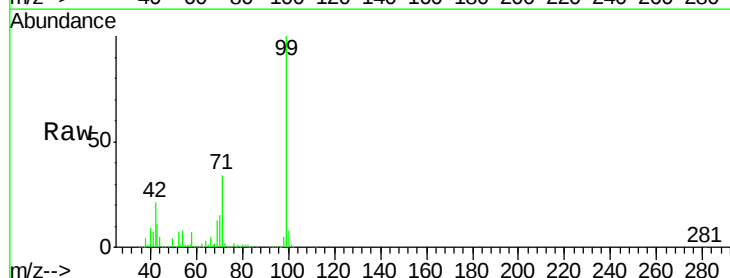
Tgt Ion: 99 Resp: 2336993

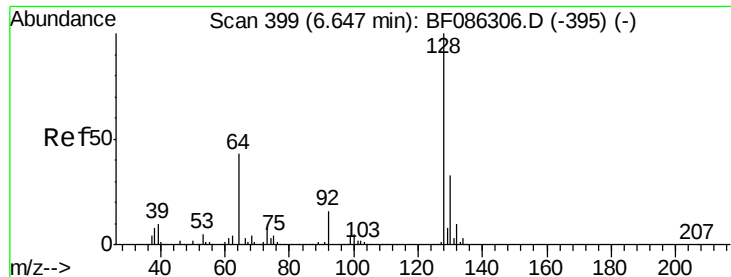
Ion Ratio Lower Upper

99 100

42 21.2 15.4 23.2

71 33.6 25.6 38.4





#8

2-Chlorophenol

Concen: 0.06 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

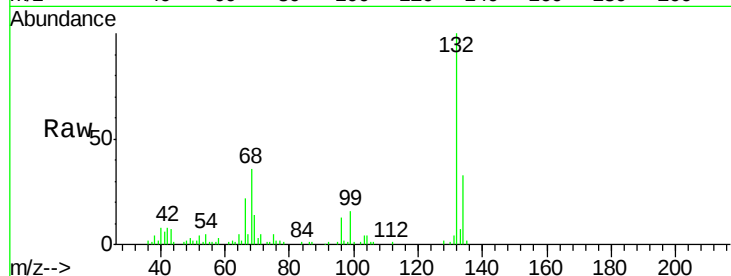
Tgt Ion:128 Resp: 1148

Ion Ratio Lower Upper

128 100

130 37.7 11.8 51.8

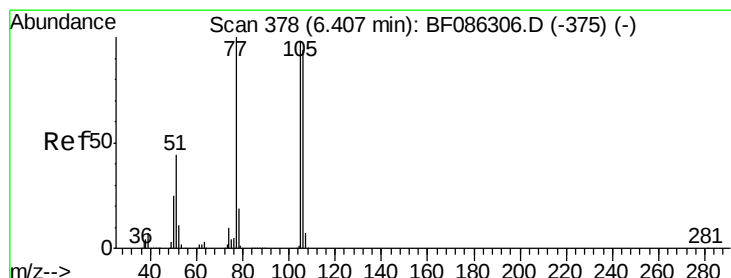
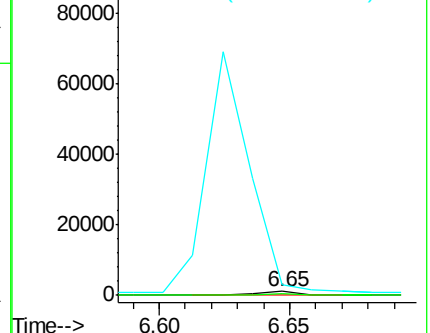
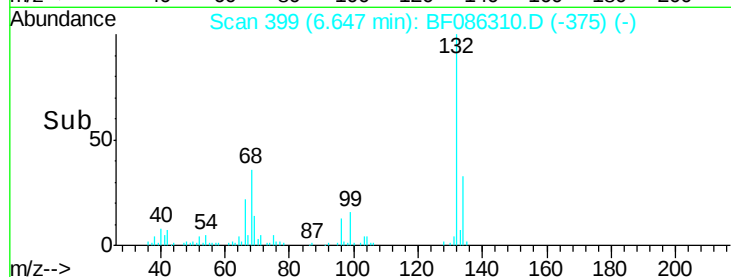
64 285.6 39.5 79.5#



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: 0.22 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.05 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

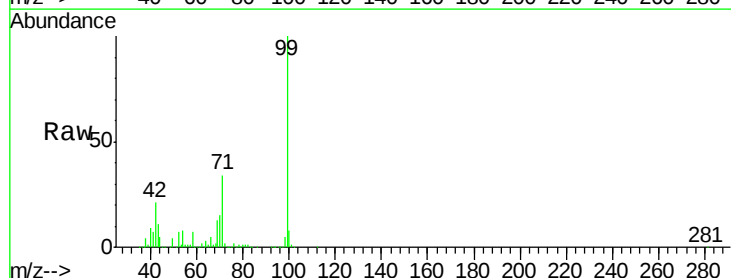
Tgt Ion: 77 Resp: 3283

Ion Ratio Lower Upper

77 100

105 0.0 84.6 124.6#

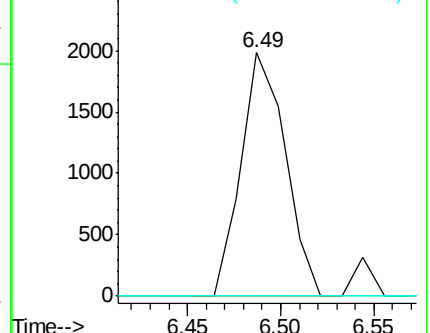
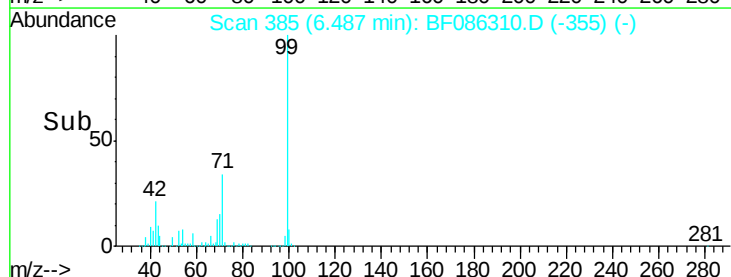
106 0.0 78.6 118.6#

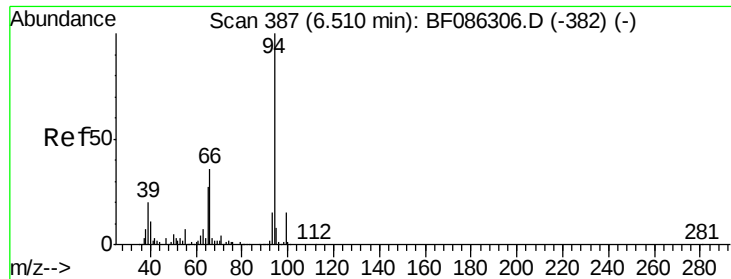


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.04 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

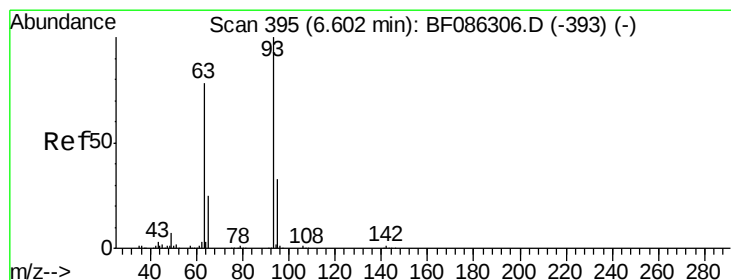
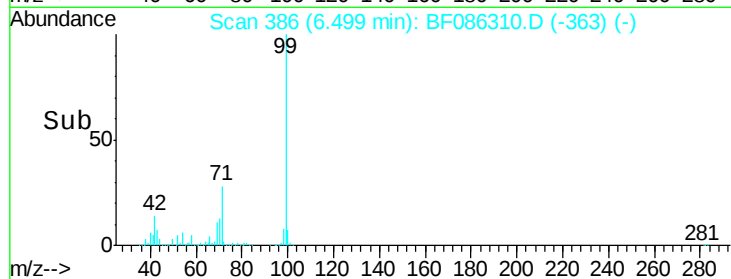
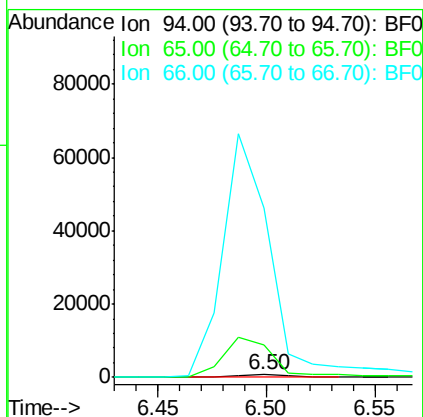
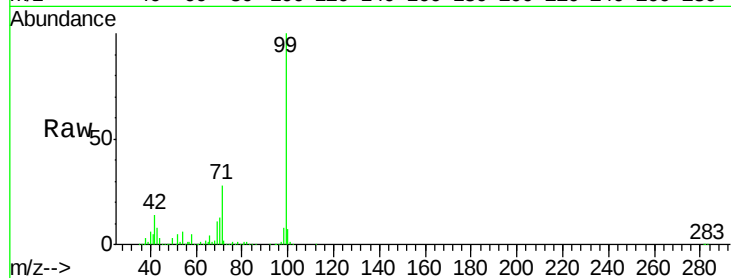
Tgt Ion: 94 Resp: 1003

Ion Ratio Lower Upper

94 100

65 1165.4 7.9 47.9#

66 6107.7 16.5 56.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

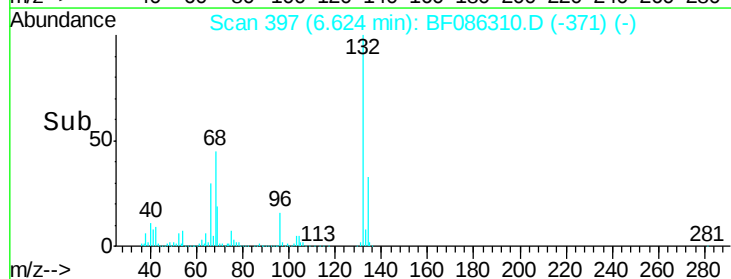
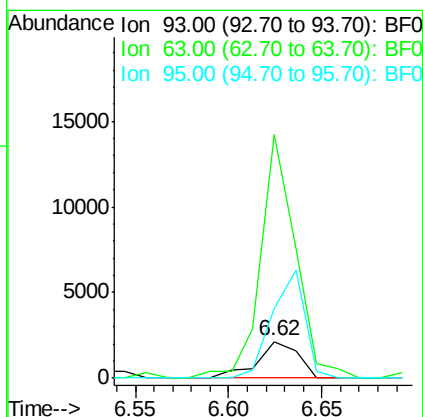
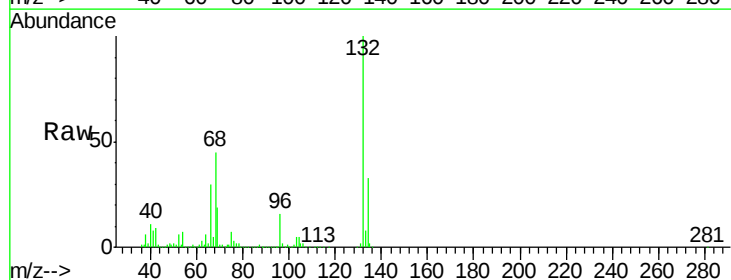
Tgt Ion: 93 Resp: 3211

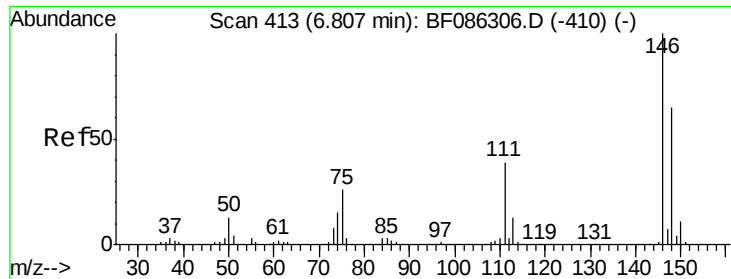
Ion Ratio Lower Upper

93 100

63 667.7 44.4 84.4#

95 191.9 13.1 53.1#

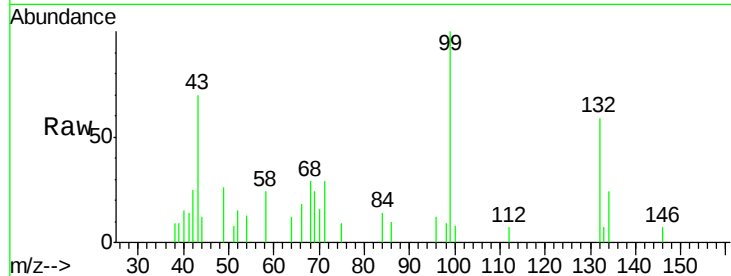




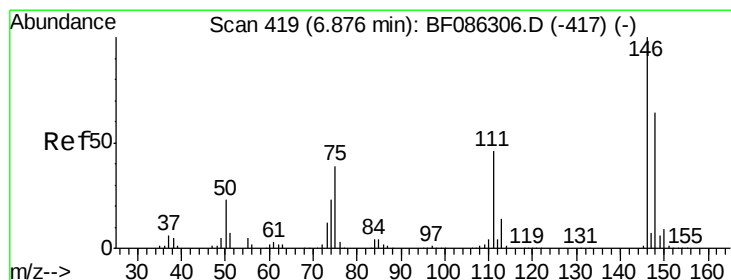
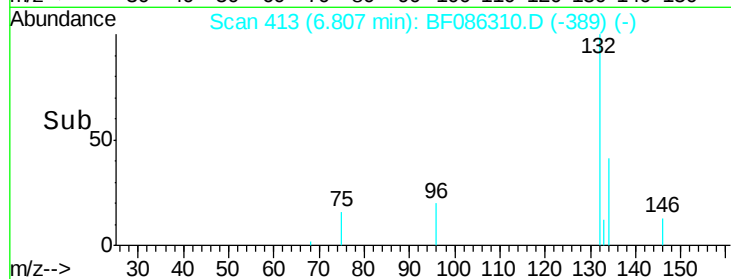
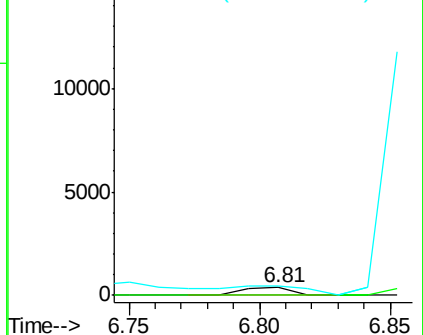
#12  
1,3-Dichlorobenzene  
Concen: 0.02 ng  
RT: 6.81 min Scan# 413  
Delta R.T. -0.02 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

Tgt Ion:146 Resp: 465  
Ion Ratio Lower Upper  
146 100  
148 0.0 51.0 76.4#  
75 122.8 29.9 44.9#

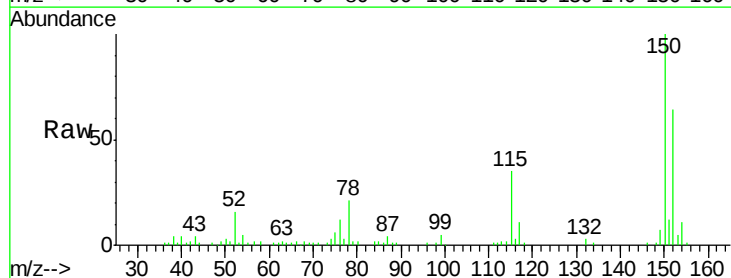


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0

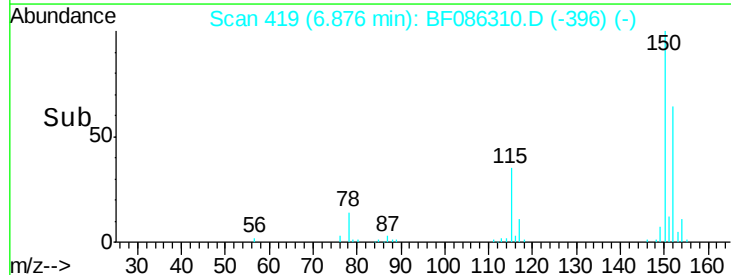
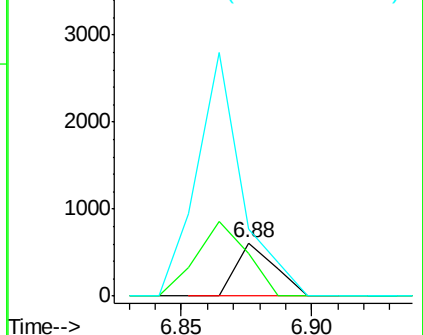


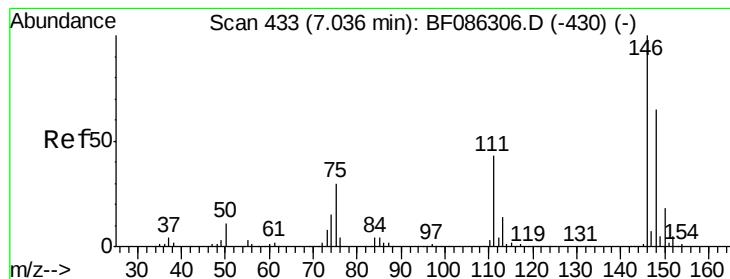
#13  
1,4-Dichlorobenzene  
Concen: 0.03 ng  
RT: 6.88 min Scan# 419  
Delta R.T. -0.03 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Tgt Ion:146 Resp: 636  
Ion Ratio Lower Upper  
146 100  
148 81.3 51.8 77.6#  
111 125.3 34.9 52.3#



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

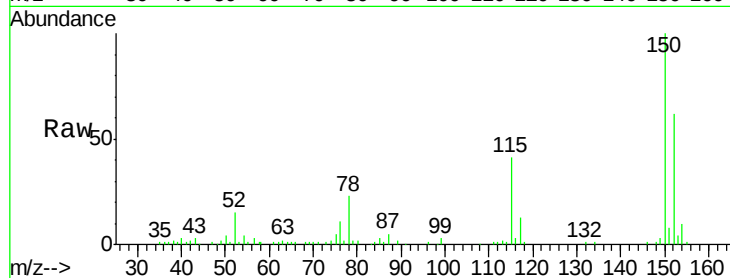




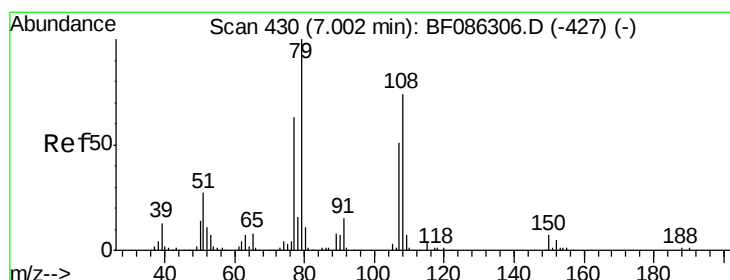
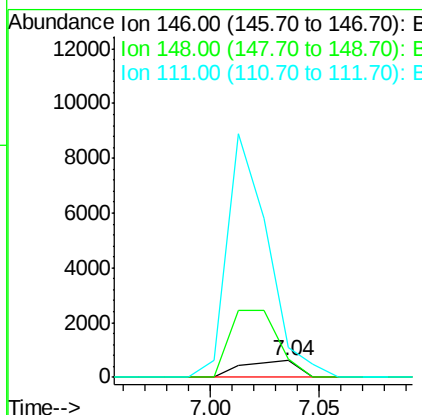
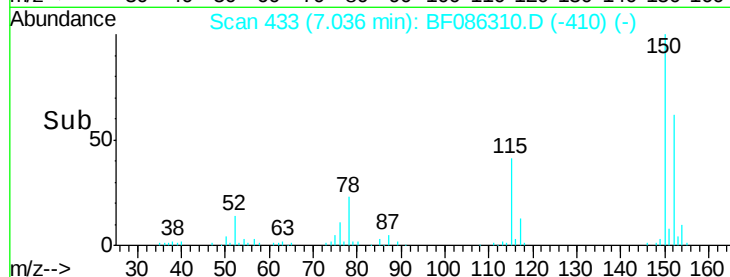
#14  
 1,2-Dichlorobenzene  
 Concen: 0.06 ng  
 RT: 7.04 min Scan# 433  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

Tgt Ion:146 Resp: 1088  
 Ion Ratio Lower Upper  
 146 100  
 148 107.7 52.2 78.2#  
 111 178.9 31.0 46.4#

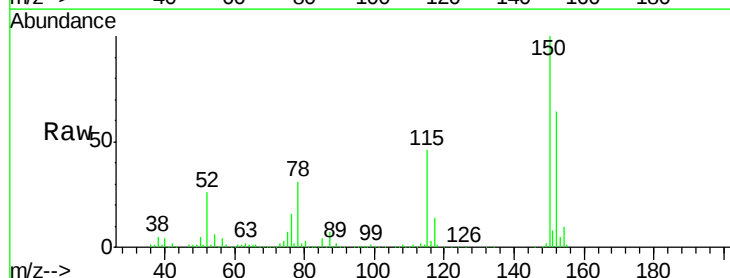


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

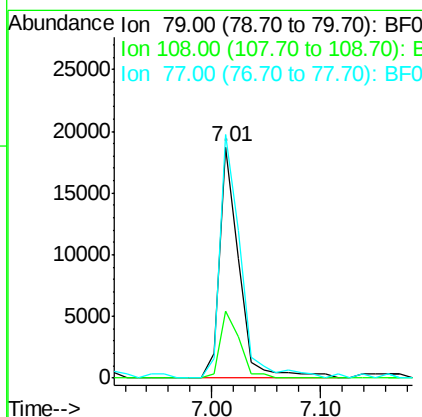
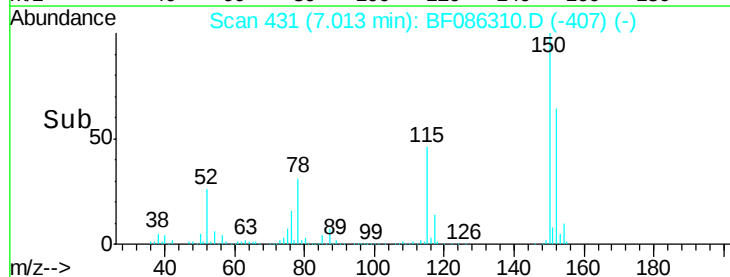


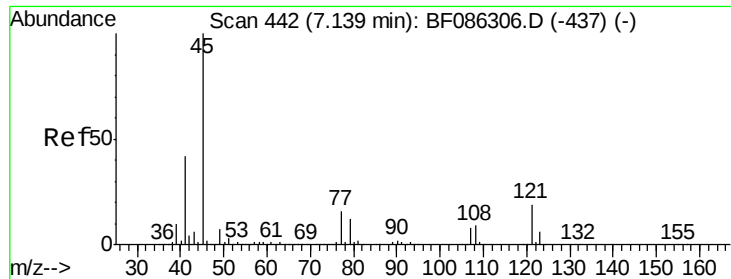
#15  
 Benzyl Alcohol  
 Concen: 1.84 ng  
 RT: 7.01 min Scan# 431  
 Delta R.T. -0.02 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Tgt Ion: 79 Resp: 23553  
 Ion Ratio Lower Upper  
 79 100  
 108 29.0 64.8 97.2#  
 77 105.3 51.9 77.9#



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

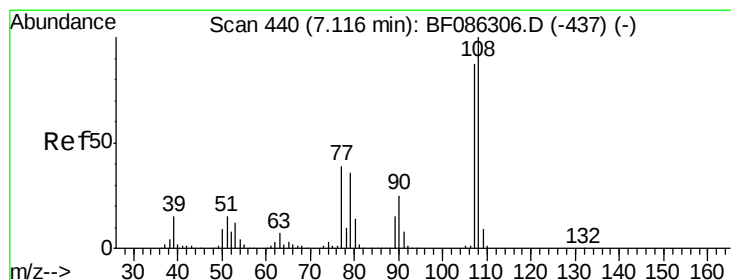
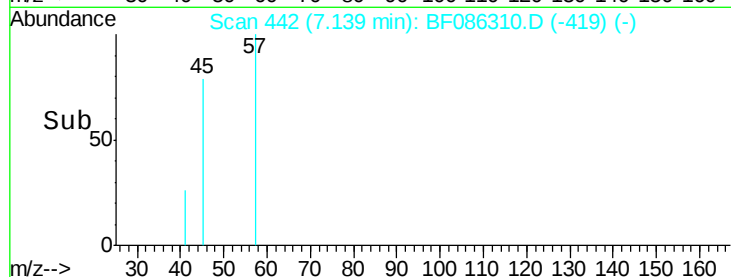
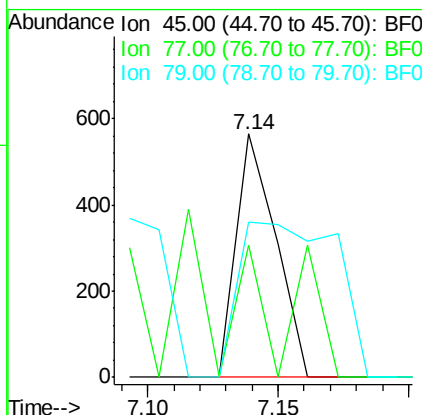
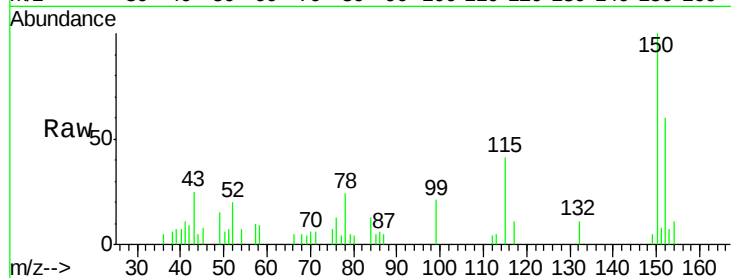




#16  
2,2'-oxybis(1-chloropropane)  
Concen: 0.02 ng  
RT: 7.14 min Scan# 442  
Delta R.T. -0.03 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

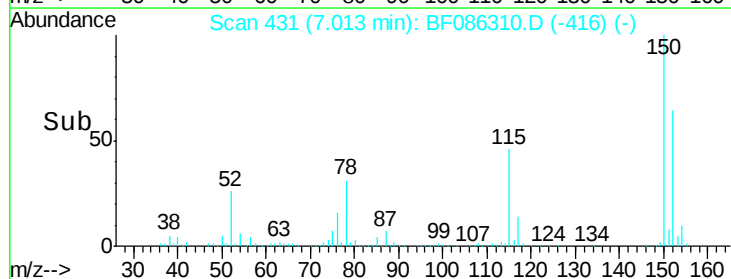
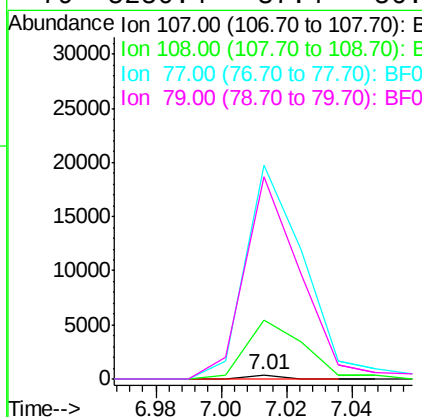
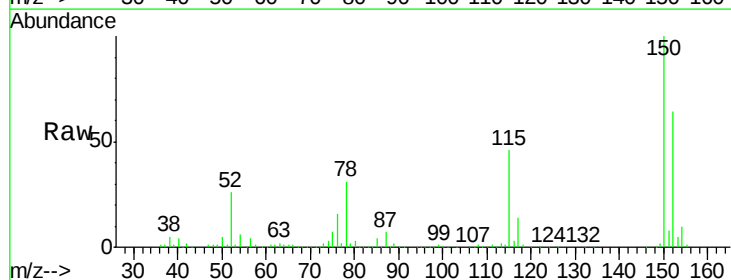
Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

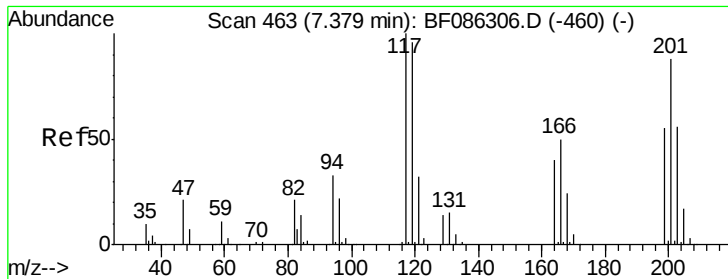
Tgt Ion: 45 Resp: 600  
Ion Ratio Lower Upper  
45 100  
77 54.3 0.0 33.7#  
79 63.9 0.0 30.1#



#17  
2-Methylphenol  
Concen: 0.02 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.13 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Tgt Ion: 107 Resp: 245  
Ion Ratio Lower Upper  
107 100  
108 1522.7 92.7 139.1#  
77 5528.3 39.6 59.4#  
79 5250.4 37.4 56.2#

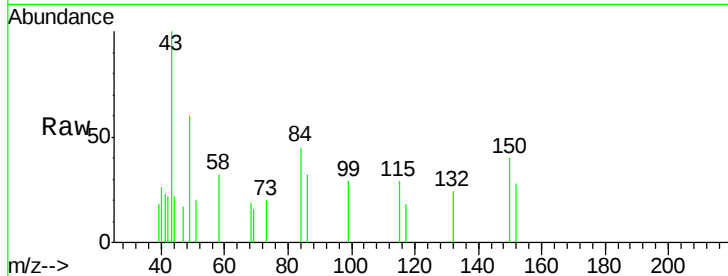




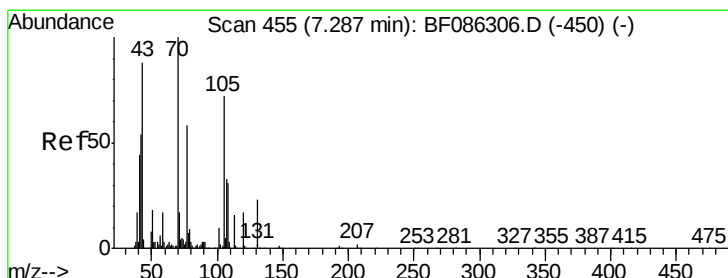
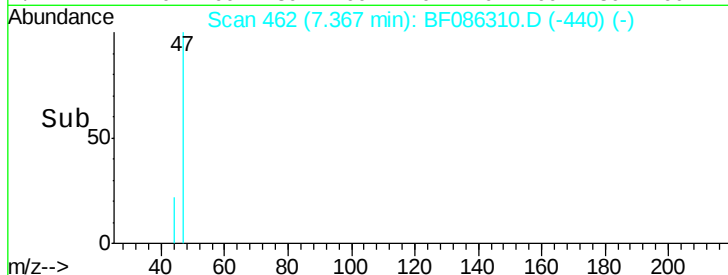
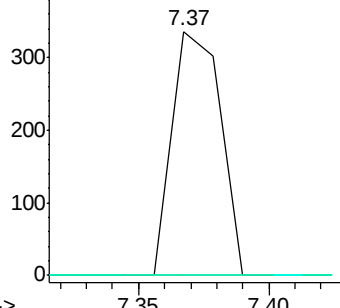
#18  
Hexachloroethane  
Concen: 0.07 ng  
RT: 7.37 min Scan# 462  
Delta R.T. -0.05 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

Tgt Ion: 117 Resp: 438  
Ion Ratio Lower Upper  
117 100  
119 0.0 78.2 117.4#  
201 0.0 75.7 113.5#

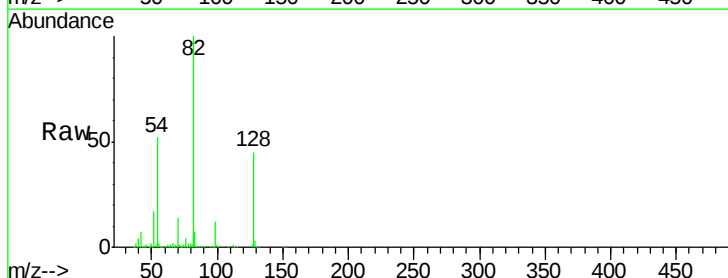


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

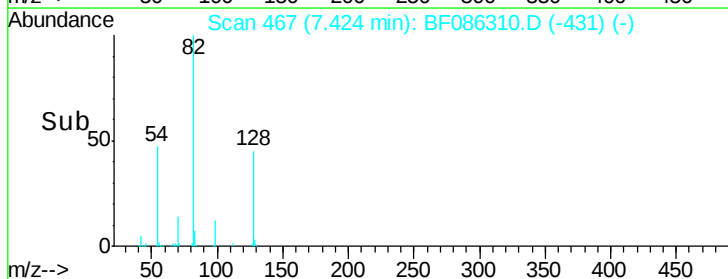
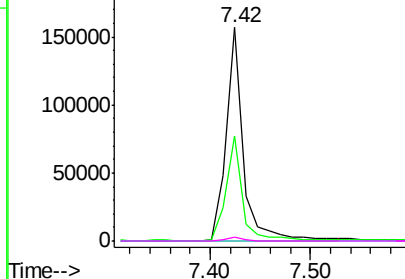


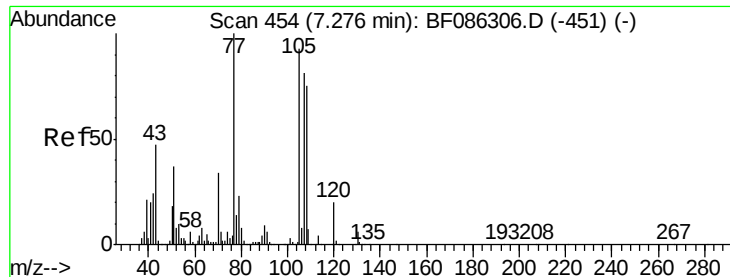
#19  
n-Nitroso-di-n-propylamine  
Concen: 15.02 ng  
RT: 7.42 min Scan# 467  
Delta R.T. 0.11 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Tgt Ion: 70 Resp: 187436  
Ion Ratio Lower Upper  
70 100  
42 49.2 43.0 64.4  
101 0.0 8.1 12.1#  
130 2.0 20.1 30.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

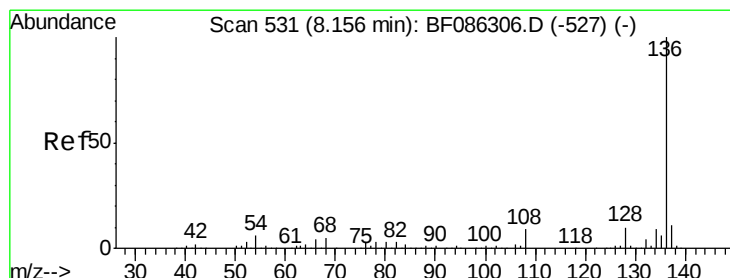
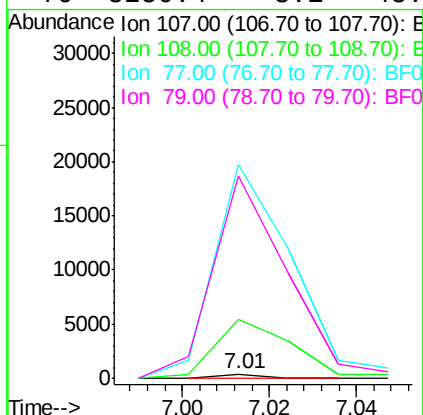
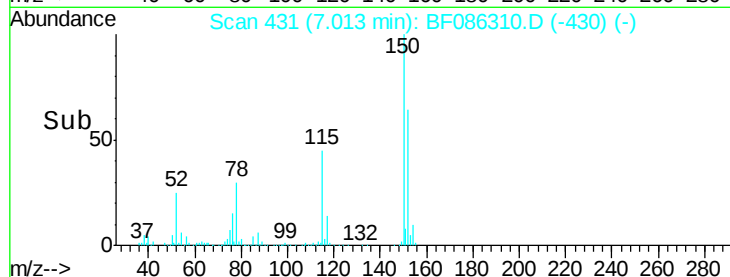
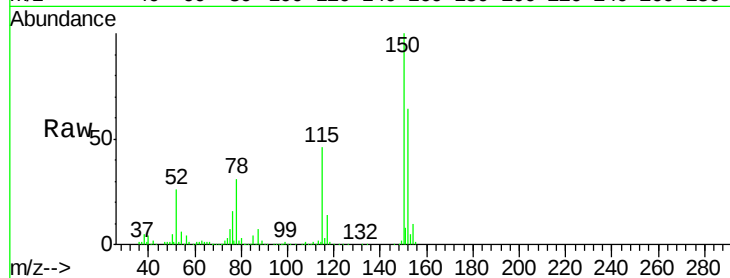




#20  
3+4-Methylphenols  
Concen: 0.01 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.29 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

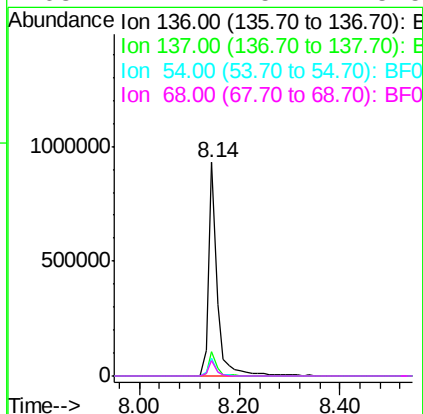
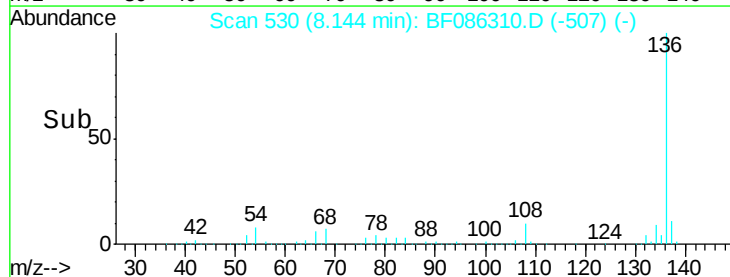
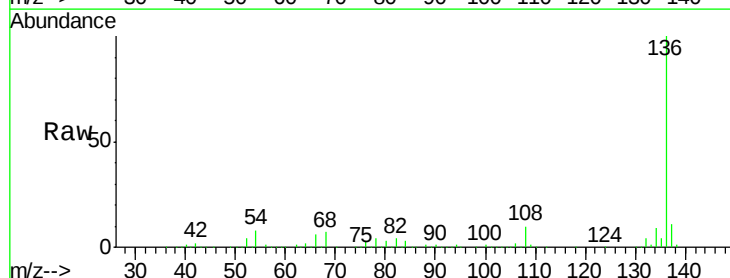
Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

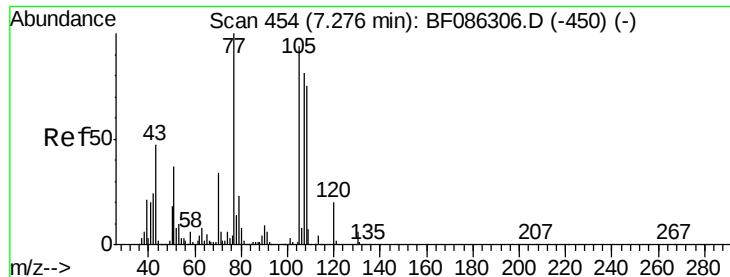
Tgt Ion:107 Resp: 245  
Ion Ratio Lower Upper  
107 100  
108 1522.7 69.7 109.7#  
77 5528.3 60.5 100.5#  
79 5250.4 8.1 48.1#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.03 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Tgt Ion:136 Resp: 1109315  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 8.5 7.3 10.9  
68 7.1 5.7 8.5





#22

Acetophenone

Concen: 0.03 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

Tgt Ion: 105 Resp: 672

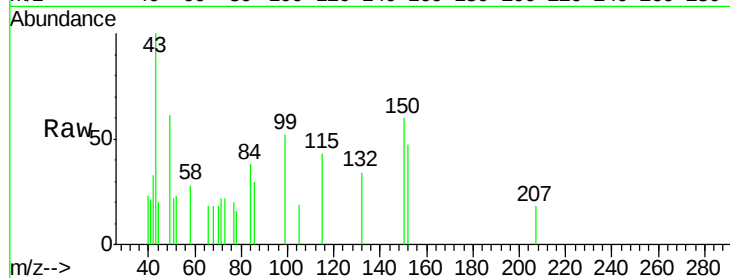
Ion Ratio Lower Upper

105 100

71 114.1 4.0 6.0#

51 115.0 22.0 33.0#

120 0.0 17.5 26.3#



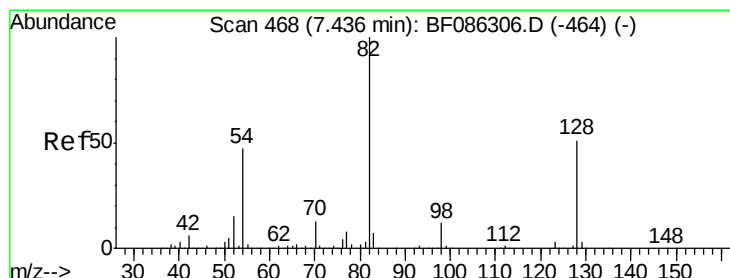
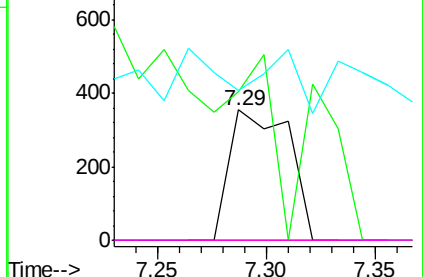
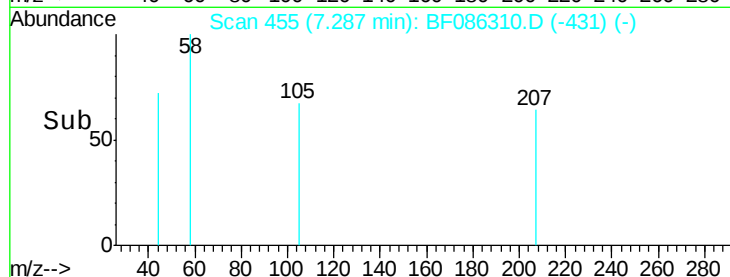
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 74.20 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

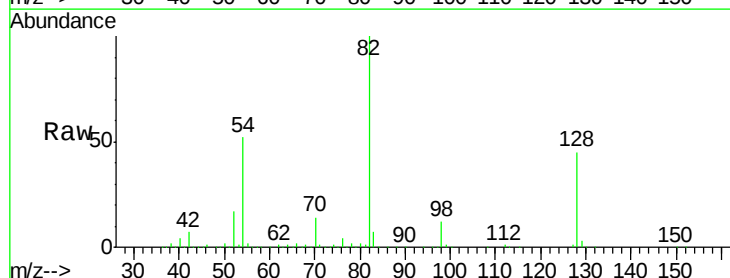
Tgt Ion: 82 Resp: 1437175

Ion Ratio Lower Upper

82 100

128 44.6 35.4 53.2

54 51.6 43.4 65.0

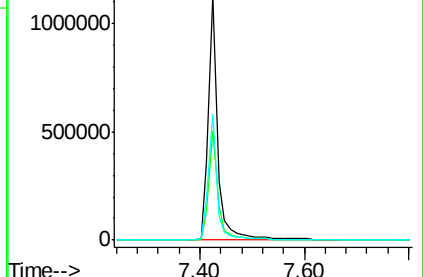
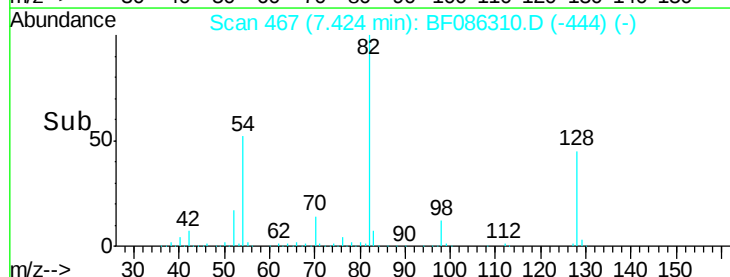


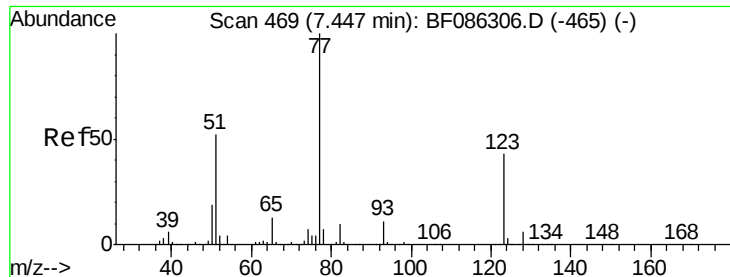
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 0.24 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

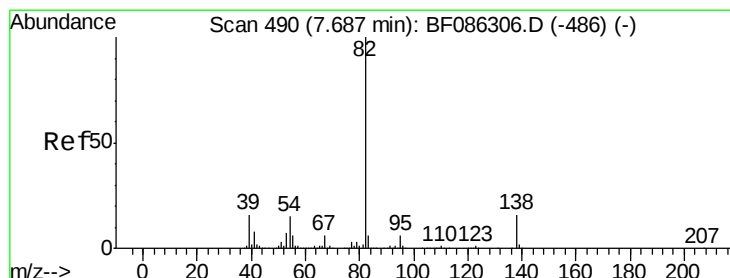
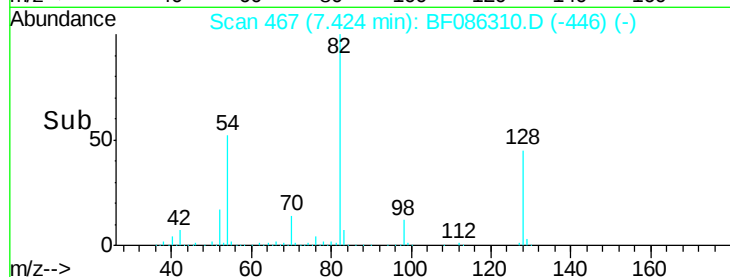
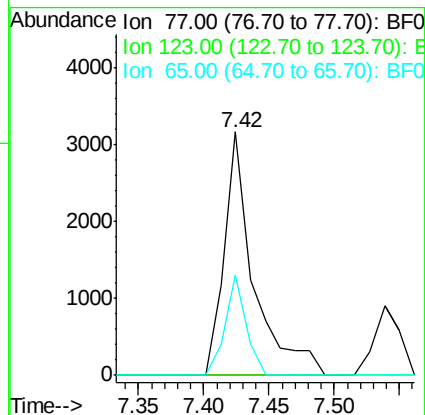
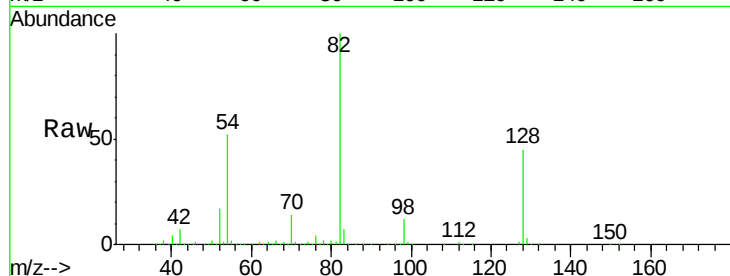
Tgt Ion: 77 Resp: 5017

Ion Ratio Lower Upper

77 100

123 0.0 38.3 57.5#

65 41.1 11.3 16.9#



#25

Isophorone

Concen: 30.89 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.30 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

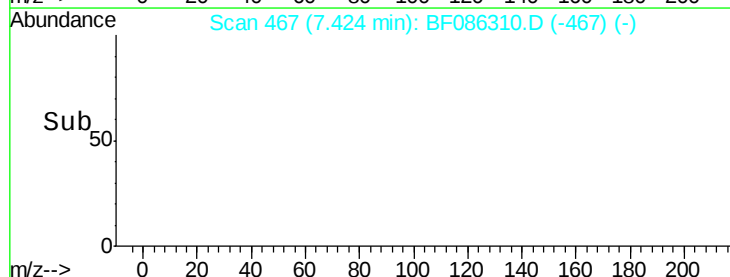
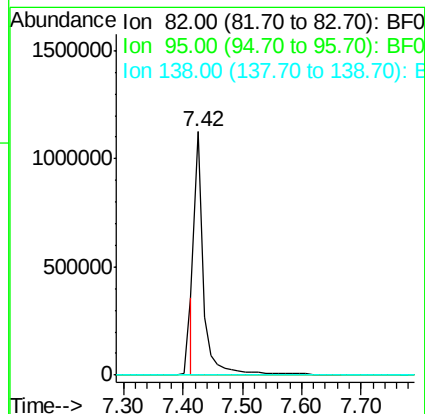
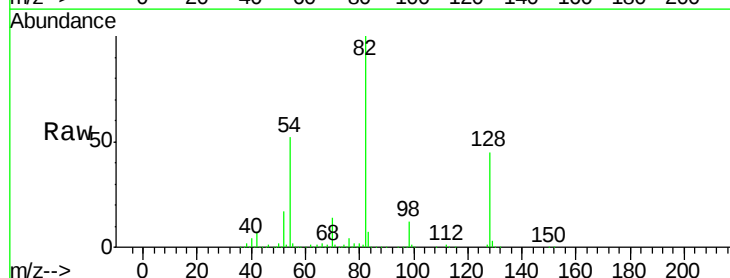
Tgt Ion: 82 Resp: 1133735

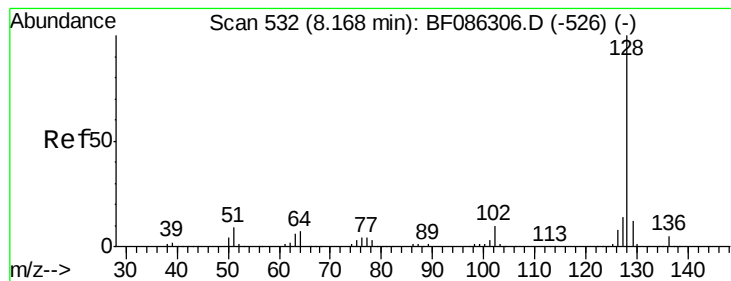
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.4 20.2#





#31

Naphthalene

Concen: 0.04 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleID :

PB89932BL

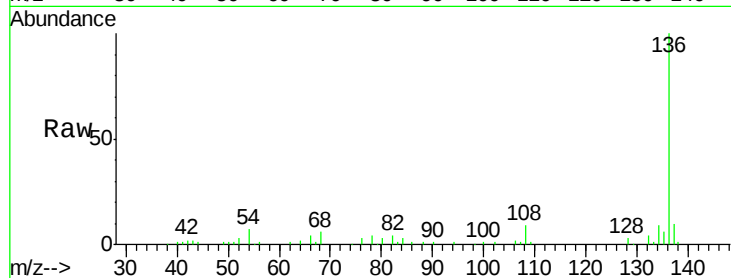
Tgt Ion:128 Resp: 1962

Ion Ratio Lower Upper

128 100

129 16.7 9.6 14.4#

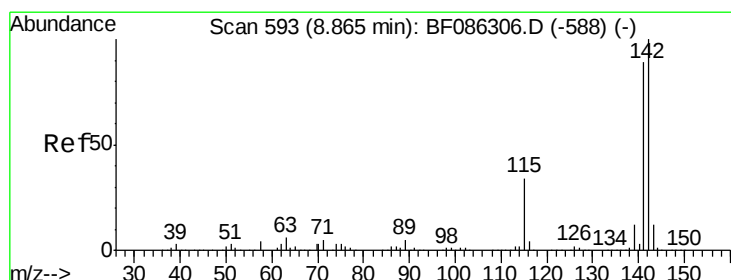
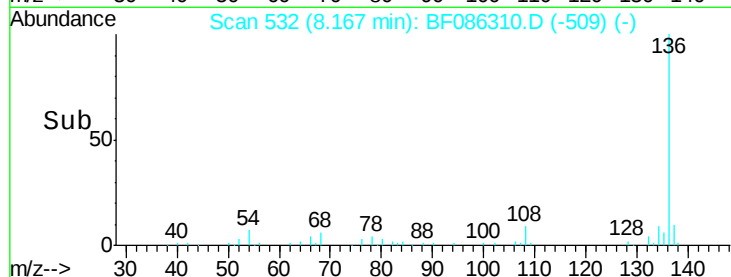
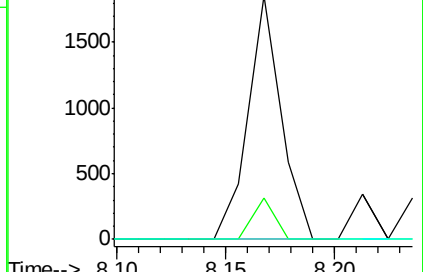
127 0.0 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 0.03 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.06 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

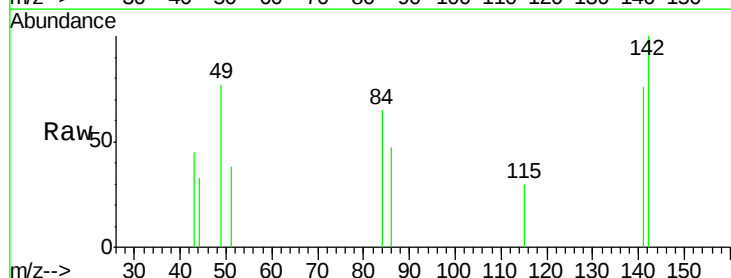
Tgt Ion:142 Resp: 1064

Ion Ratio Lower Upper

142 100

141 76.3 71.1 106.7

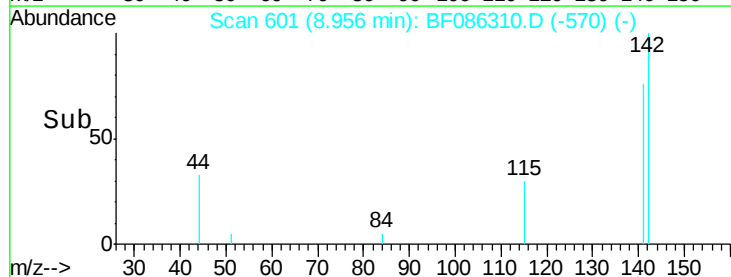
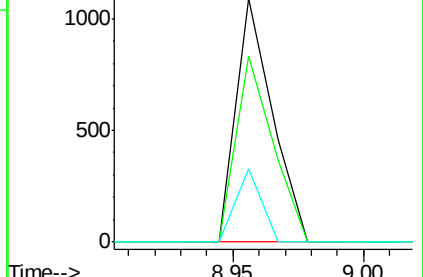
115 30.3 25.1 37.7

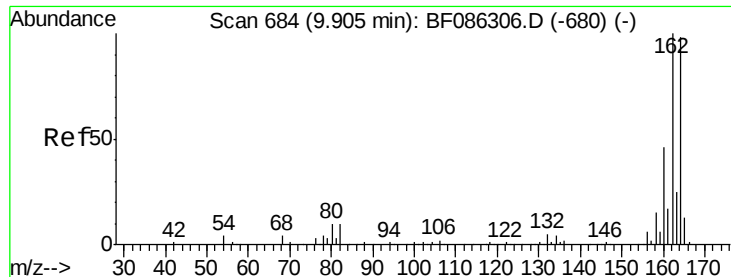


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

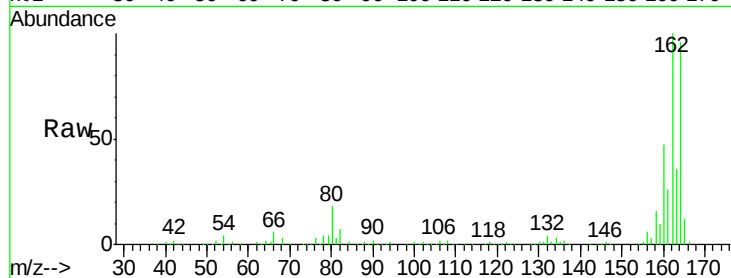
Tgt Ion:164 Resp: 474070

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

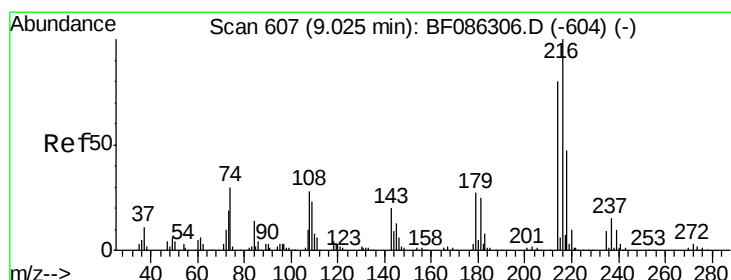
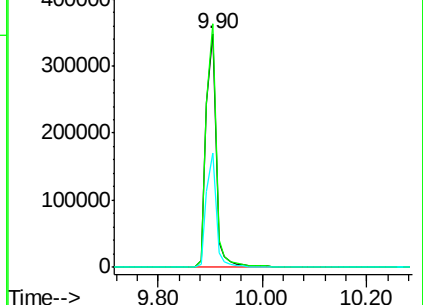
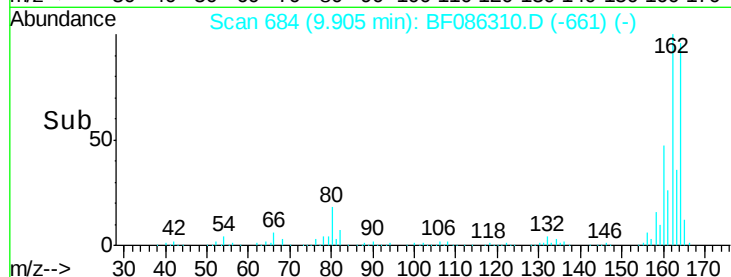
160 48.9 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.02 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Tgt Ion:216 Resp: 287

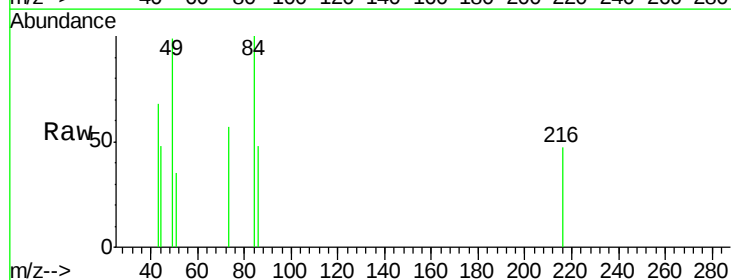
Ion Ratio Lower Upper

216 100

214 0.0 64.9 97.3#

179 0.0 19.8 29.6#

108 0.0 21.0 31.4#

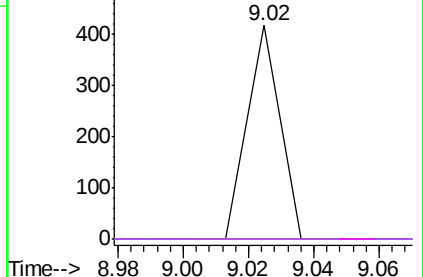
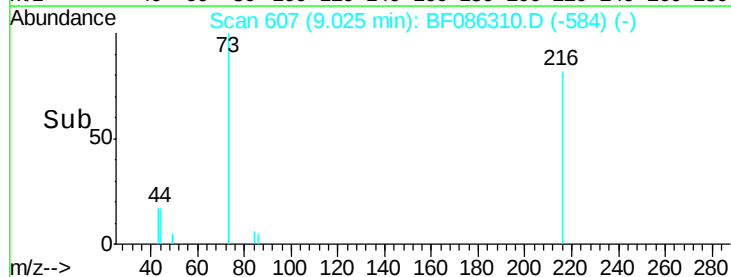


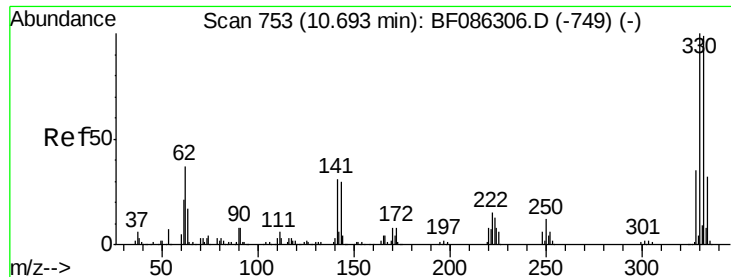
Abundance Ion 216.00 (215.70 to 216.70): E

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

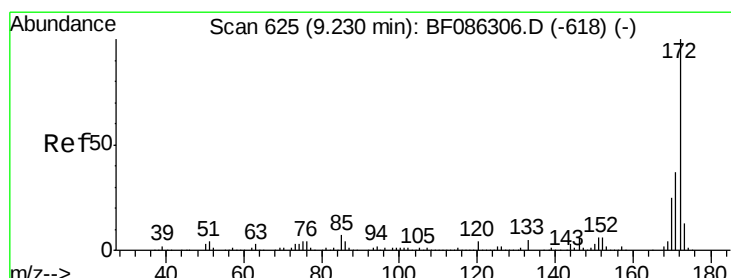
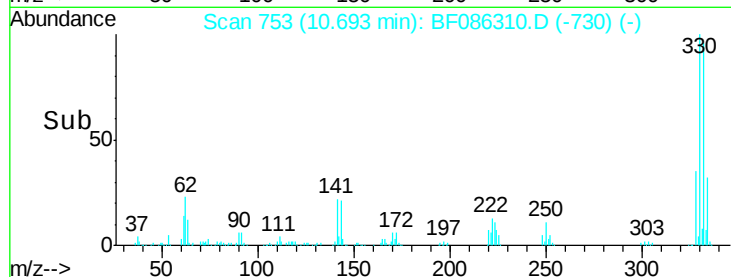
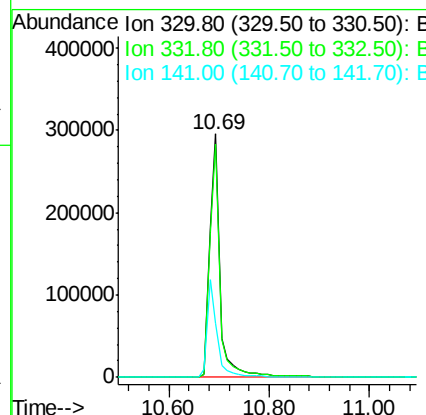
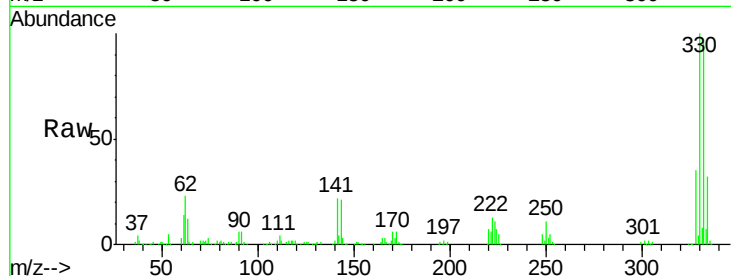




#41  
 2,4,6-Tribromophenol  
 Concen: 114.68 ng  
 RT: 10.69 min Scan# 753  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

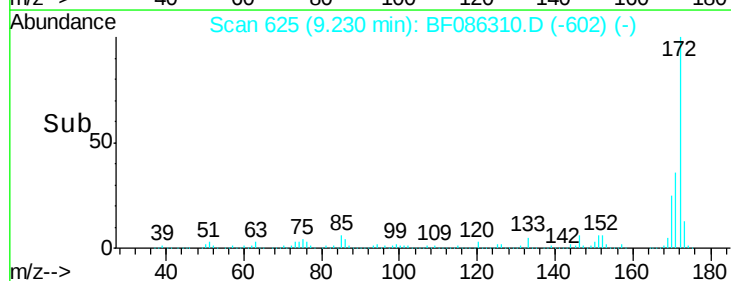
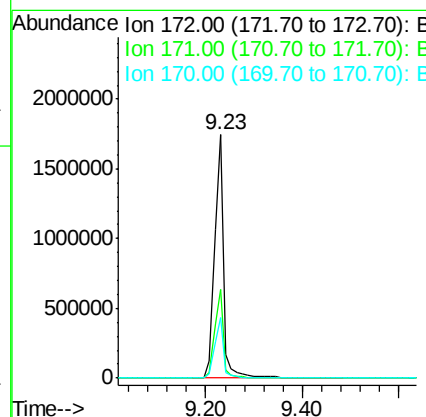
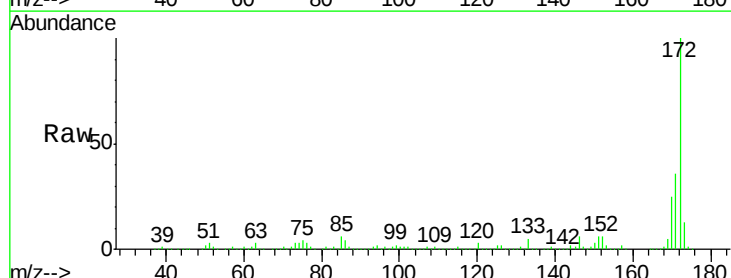
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

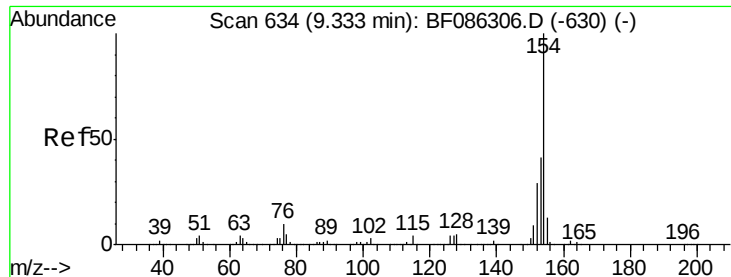
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 78.7  | 118.1 |
| 141     | 39.0  | 28.6  | 42.8  |



#44  
 2-Fluorobiphenyl  
 Concen: 96.18 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.1  | 43.7  |
| 170     | 24.7  | 19.9  | 29.9  |





#45

1,1'-Biphenyl

Concen: 0.03 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

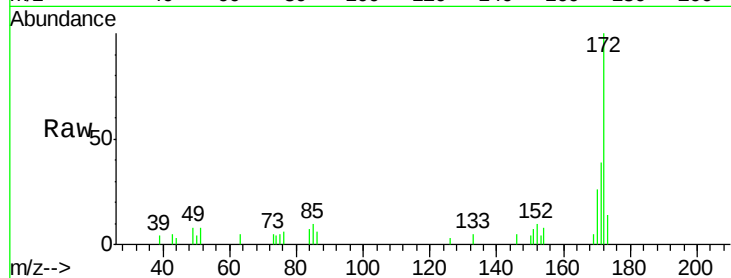
Tgt Ion:154 Resp: 1123

Ion Ratio Lower Upper

154 100

153 54.9 21.3 61.3

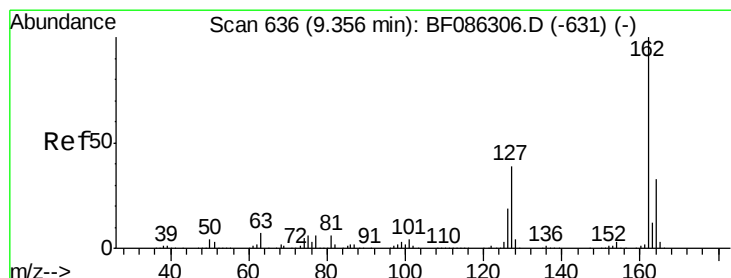
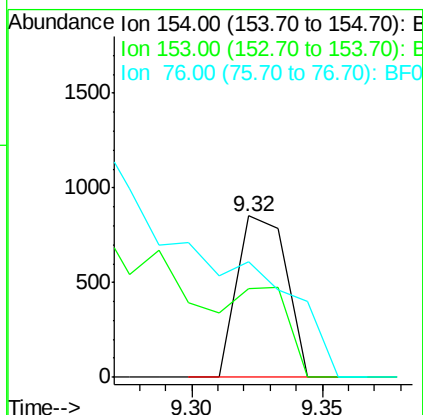
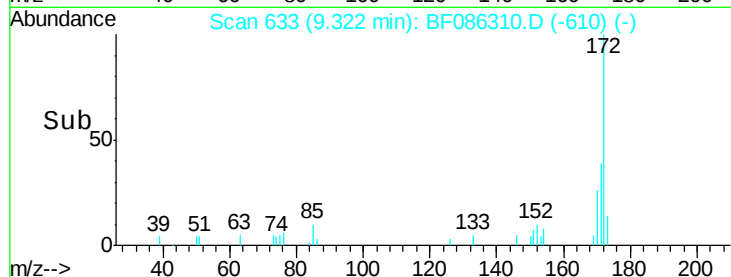
76 71.6 0.0 36.4#



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: 0.03 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

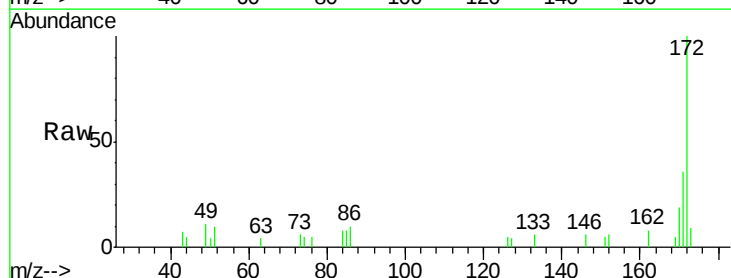
Tgt Ion:162 Resp: 863

Ion Ratio Lower Upper

162 100

127 51.4 36.7 55.1

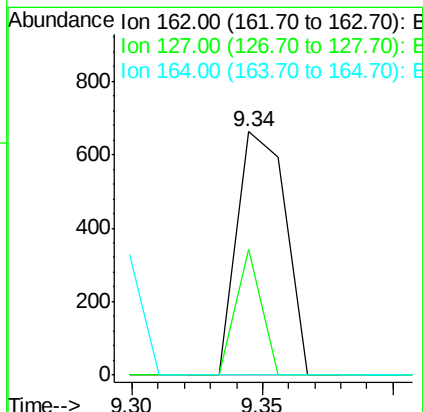
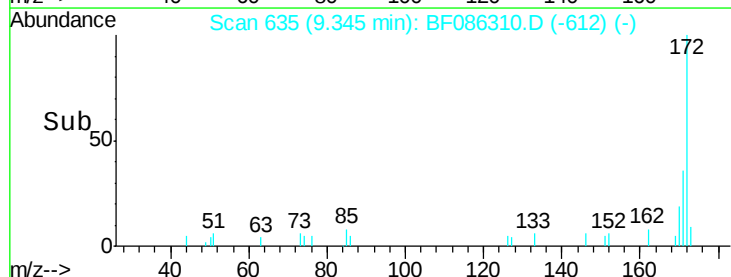
164 0.0 26.4 39.6#

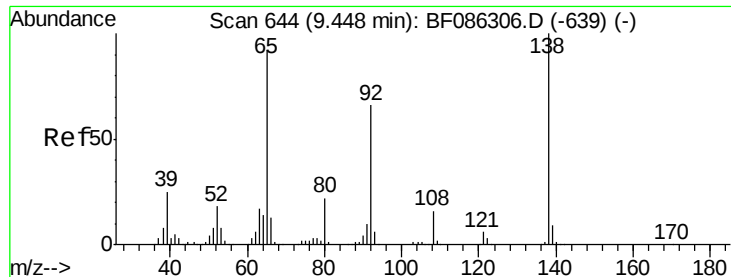


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.38 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.25 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

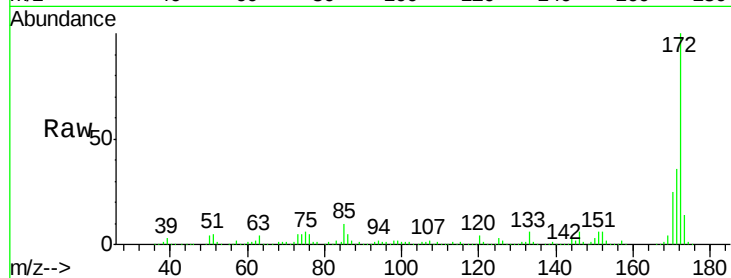
Tgt Ion: 65 Resp: 3651

Ion Ratio Lower Upper

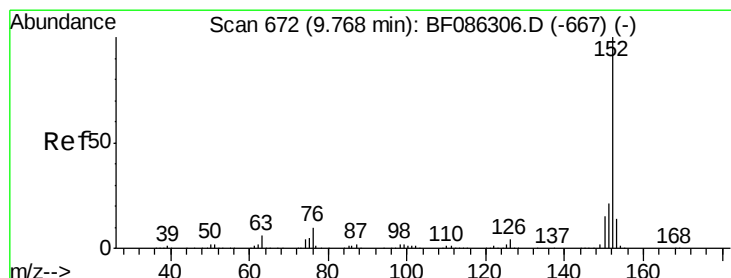
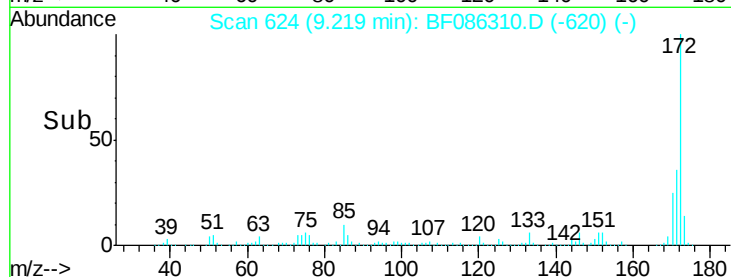
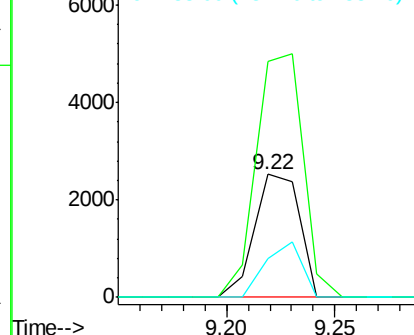
65 100

92 192.1 51.9 77.9#

138 31.1 72.6 108.8#



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



#48

Acenaphthylene

Concen: 0.04 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.04 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

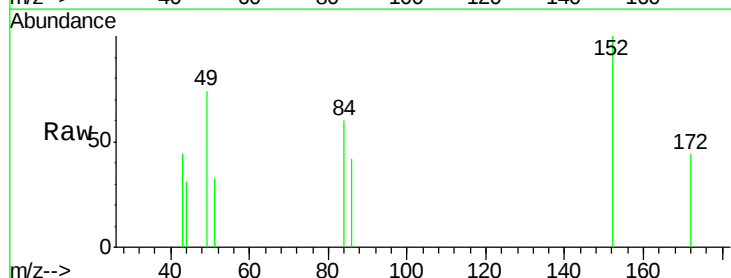
Tgt Ion: 152 Resp: 1805

Ion Ratio Lower Upper

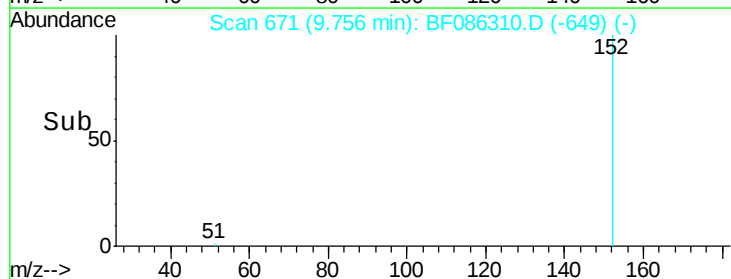
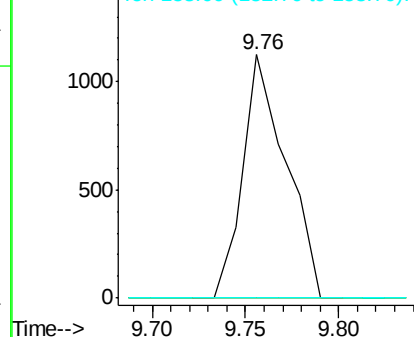
152 100

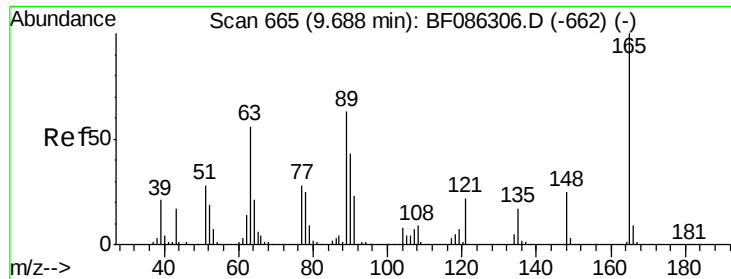
151 0.0 17.2 25.8#

153 0.0 10.7 16.1#



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

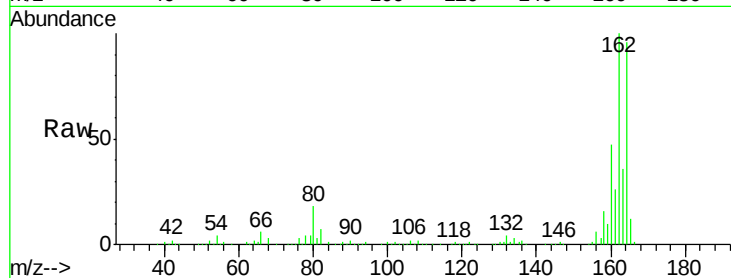




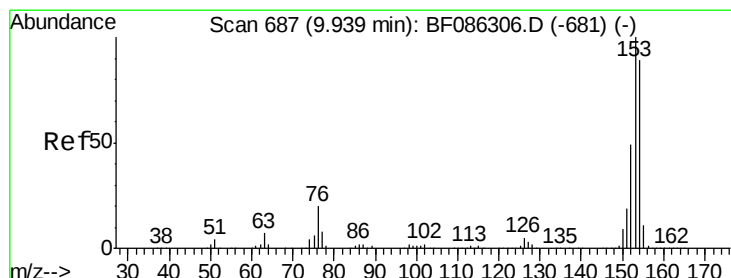
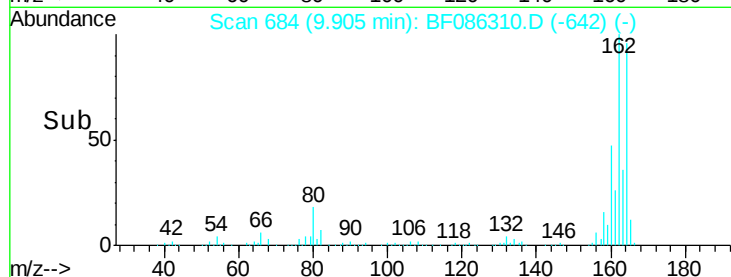
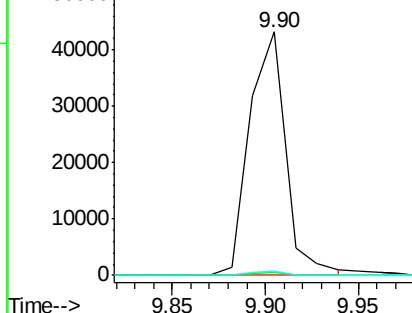
#50  
2,6-Dinitrotoluene  
Concen: 7.79 ng  
RT: 9.90 min Scan# 684  
Delta R.T. 0.18 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.2   | 35.1  | 52.7# |
| 89      | 1.6   | 39.8  | 59.6# |

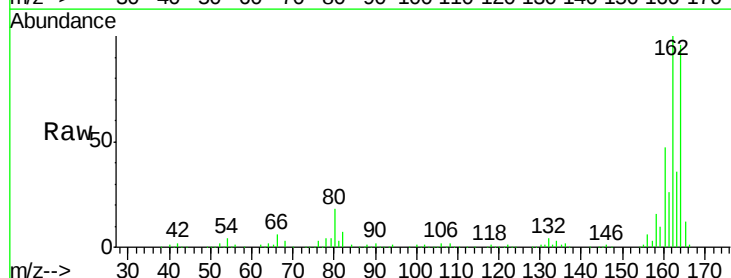


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0

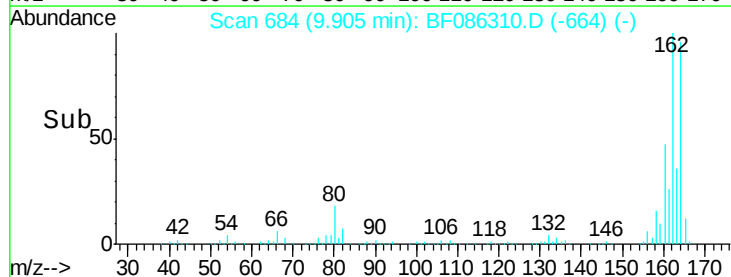
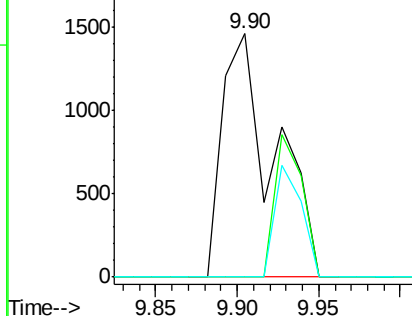


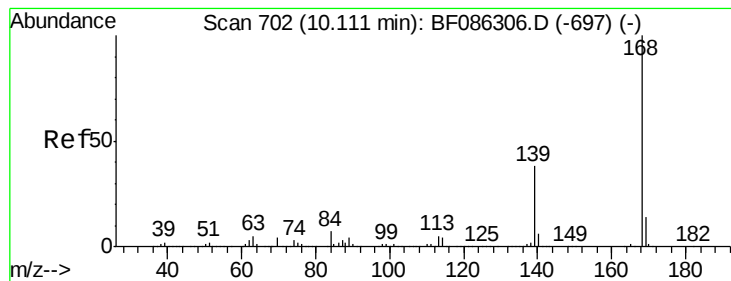
#51  
Acenaphthene  
Concen: 0.12 ng  
RT: 9.90 min Scan# 684  
Delta R.T. -0.07 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 154     | 100   |       |        |
| 153     | 0.0   | 90.0  | 135.0# |
| 152     | 0.0   | 44.3  | 66.5#  |



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





#54

Dibenzofuran

Concen: 0.04 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

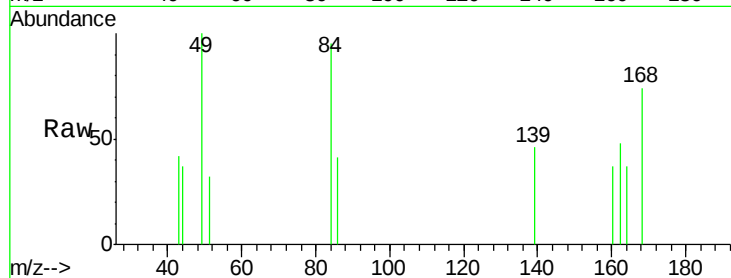
Tgt Ion:168 Resp: 1243

Ion Ratio Lower Upper

168 100

139 62.0 29.5 44.3#

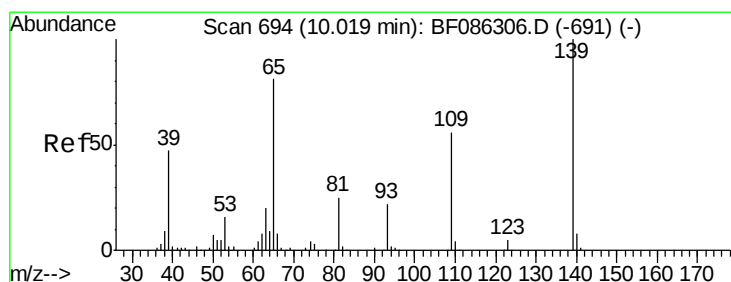
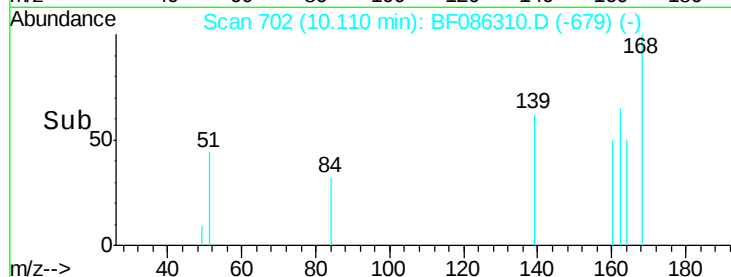
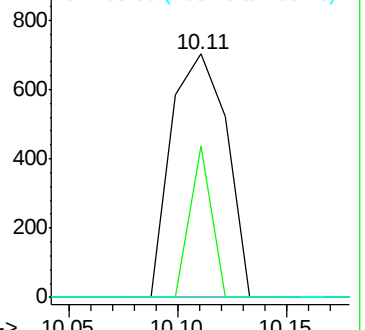
169 0.0 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.05 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.08 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

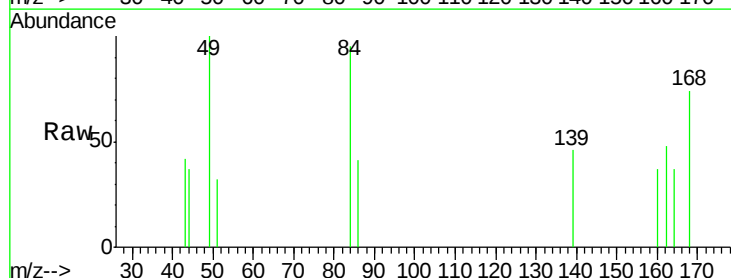
Tgt Ion:139 Resp: 299

Ion Ratio Lower Upper

139 100

109 0.0 55.0 95.0#

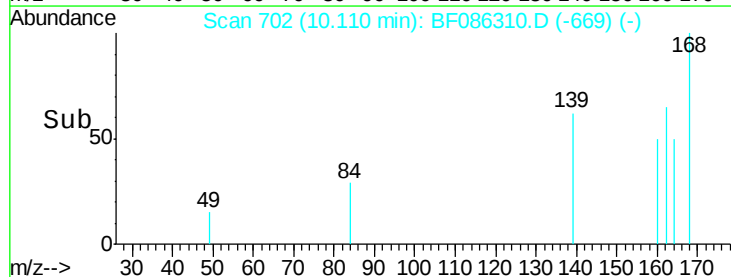
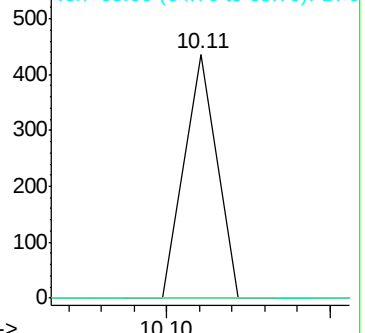
65 0.0 87.3 127.3#

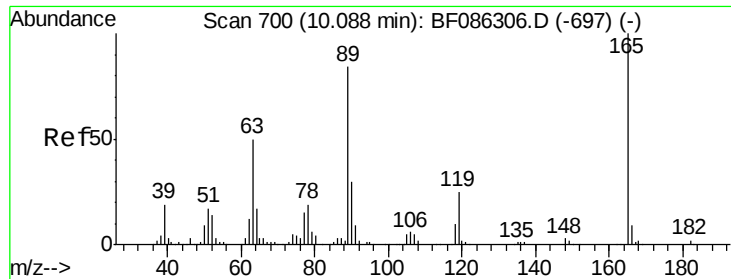


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

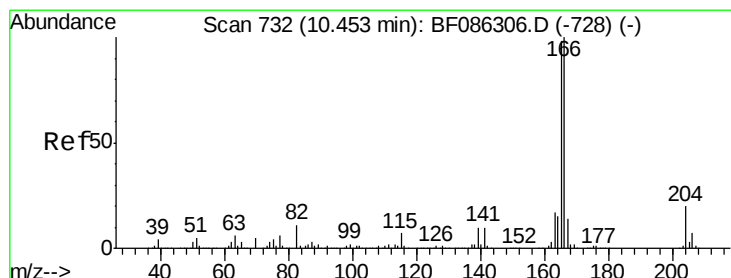
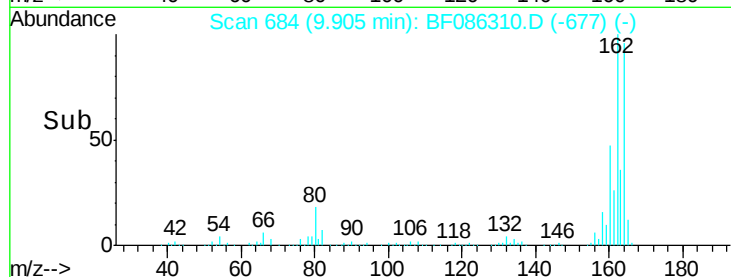
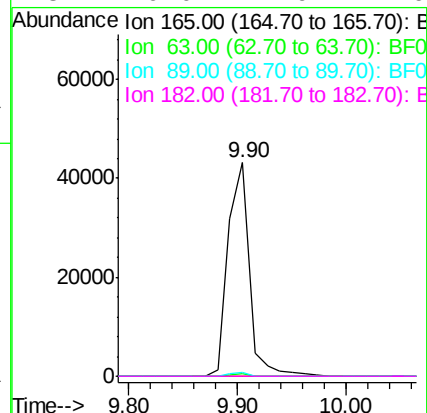
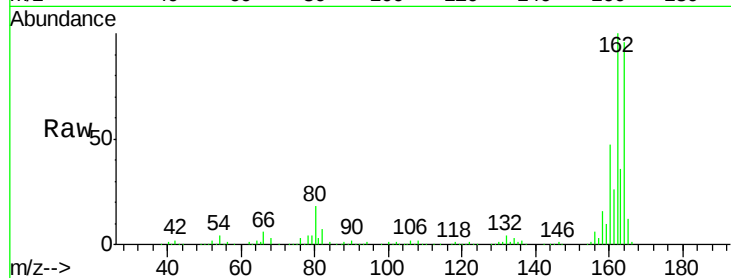




#56  
 2,4-Dinitrotoluene  
 Concen: 6.40 ng  
 RT: 9.90 min Scan# 684  
 Delta R.T. -0.22 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

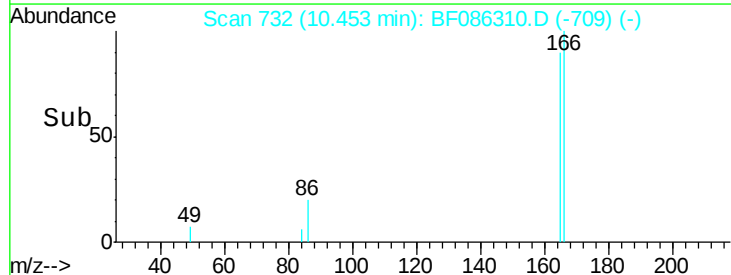
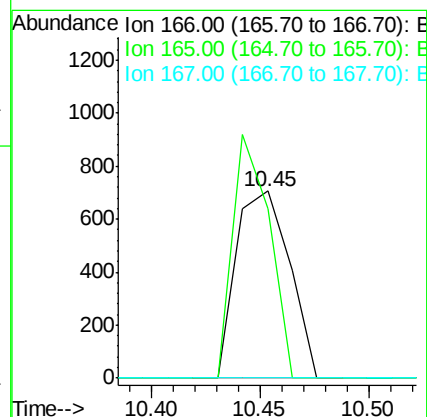
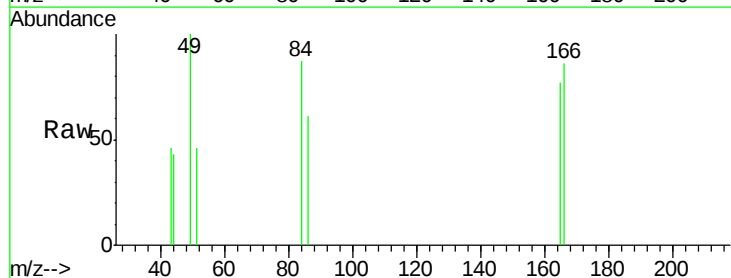
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

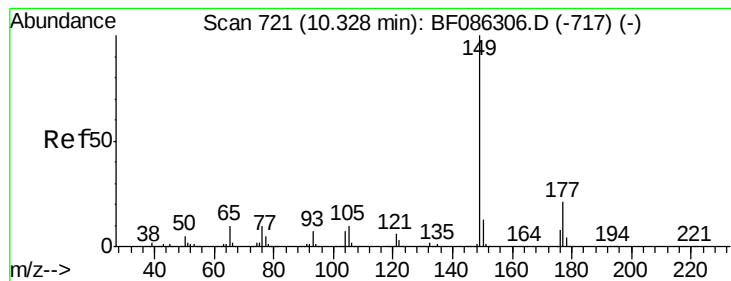
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 59039 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 1.2   | 26.6  | 40.0# |
| 89       | 1.6   | 49.5  | 74.3# |
| 182      | 0.0   | 1.9   | 2.9#  |



#57  
 Fluorene  
 Concen: 0.05 ng  
 RT: 10.45 min Scan# 732  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 1203  |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 90.2  | 78.6  | 117.8 |
| 167      | 0.0   | 10.4  | 15.6# |





#59

Diethylphthalate

Concen: 0.03 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

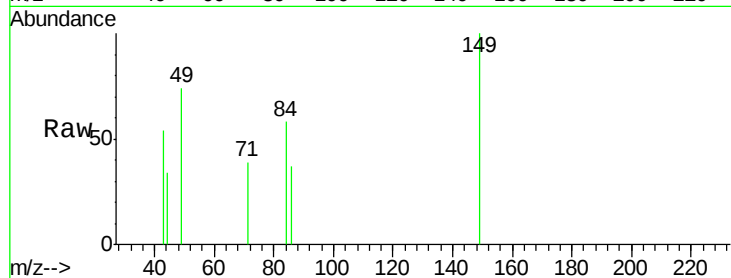
Tgt Ion:149 Resp: 1071

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

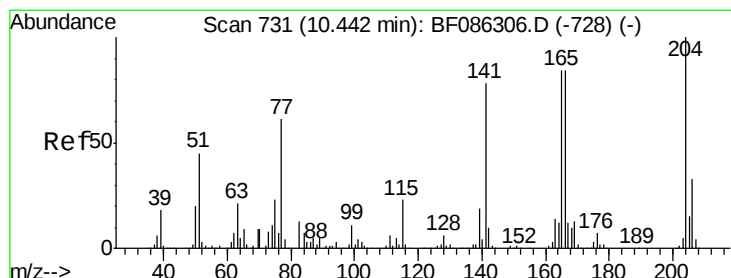
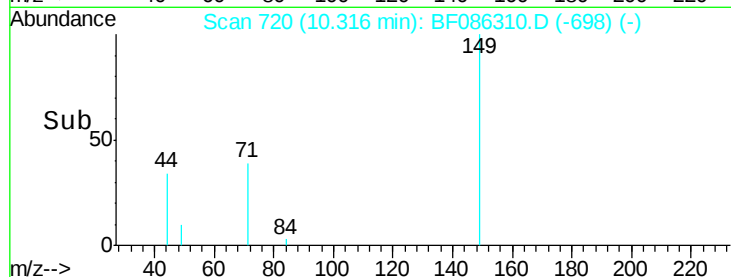
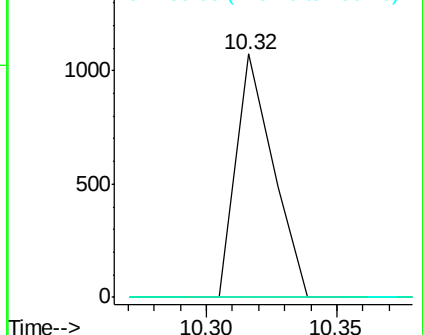
150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.02 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

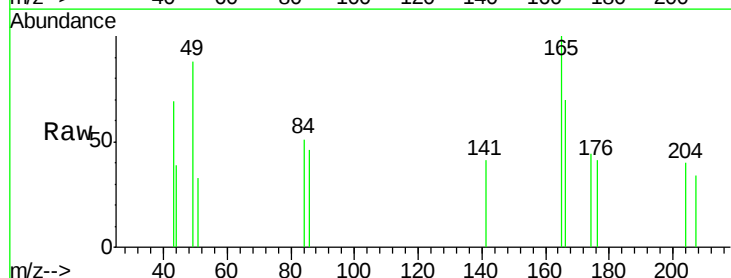
Tgt Ion:204 Resp: 250

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

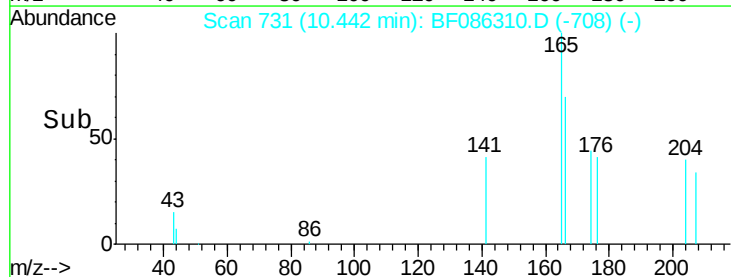
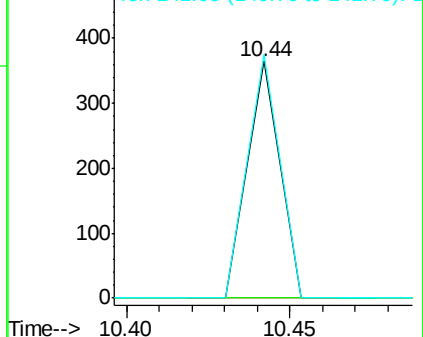
141 102.7 55.4 83.0#

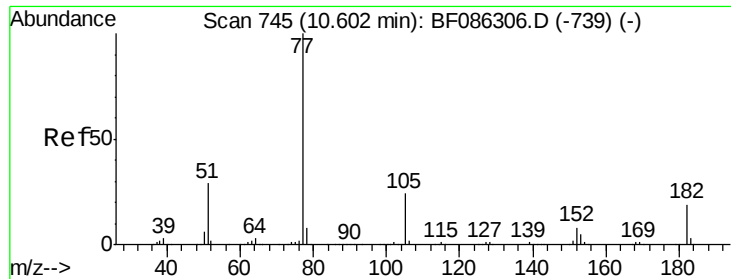


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

Azobenzene

Concen: 0.03 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

Tgt Ion: 77 Resp: 1105

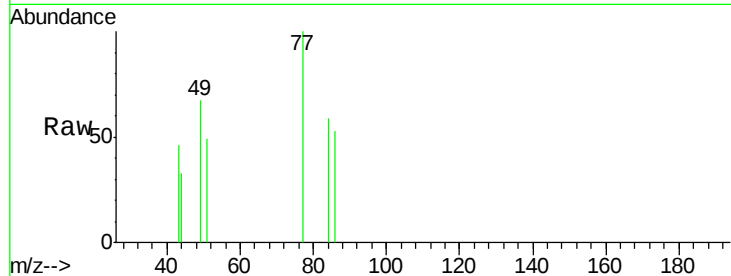
Ion Ratio Lower Upper

77 100

182 0.0 2.3 42.3#

105 0.0 3.4 43.4#

51 48.5 11.7 51.7

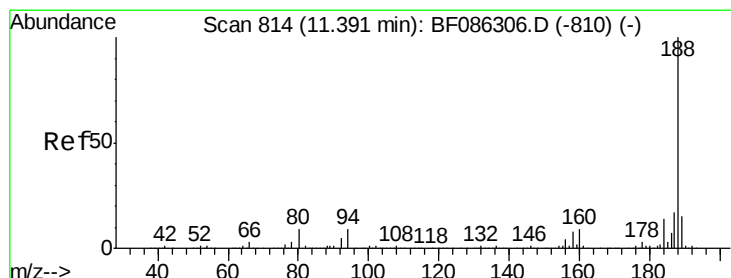
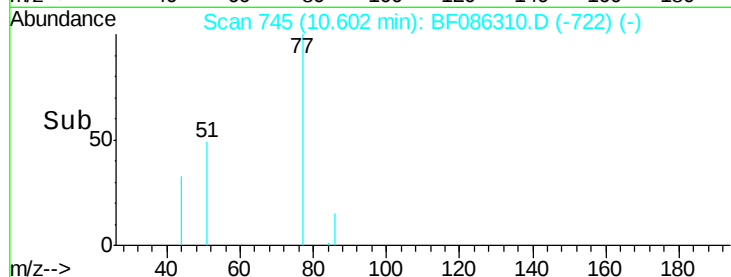
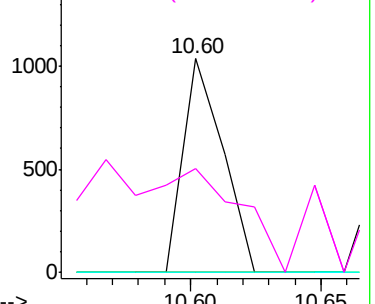


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

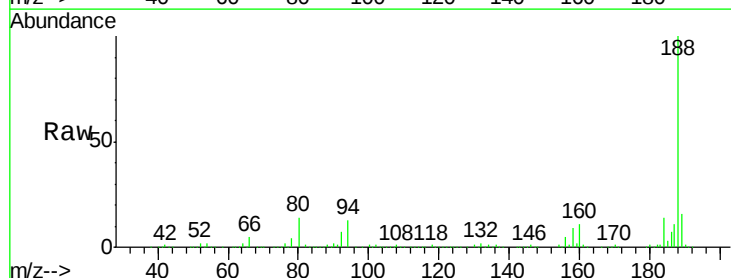
Tgt Ion: 188 Resp: 765591

Ion Ratio Lower Upper

188 100

94 13.0 9.8 14.8

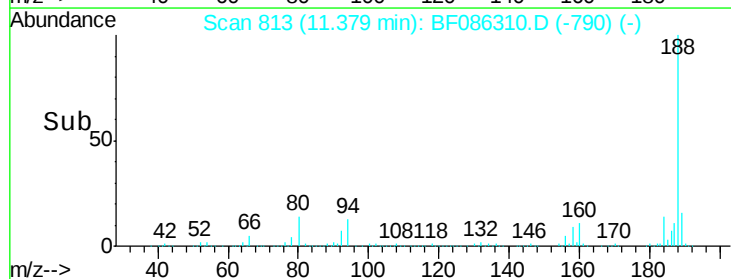
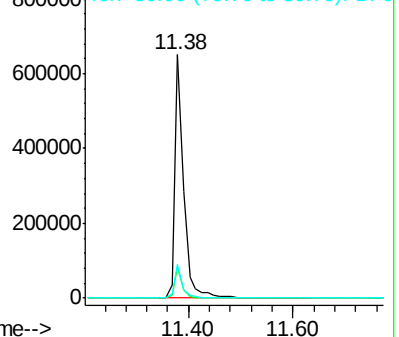
80 13.8 10.5 15.7

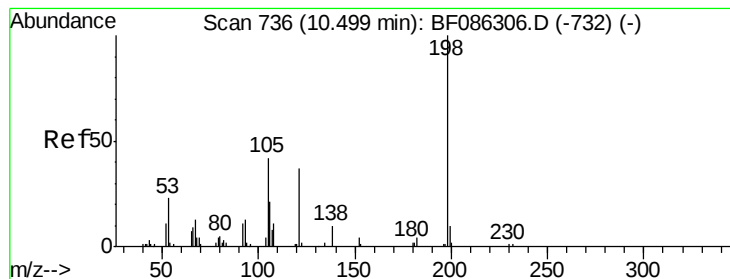


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.39 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.16 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

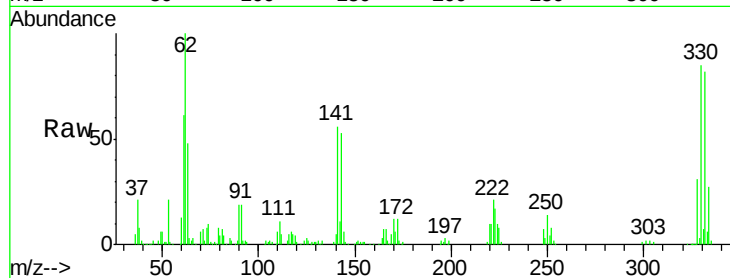
Tgt Ion:198 Resp: 921

Ion Ratio Lower Upper

198 100

51 195.8 56.5 96.5#

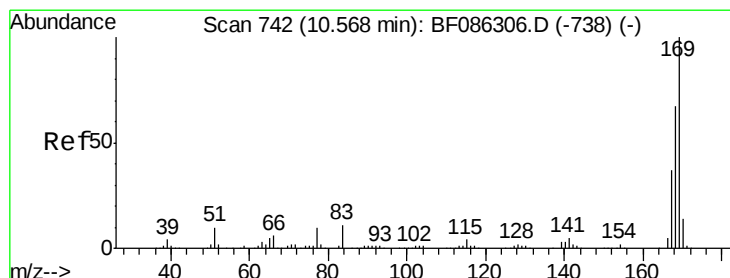
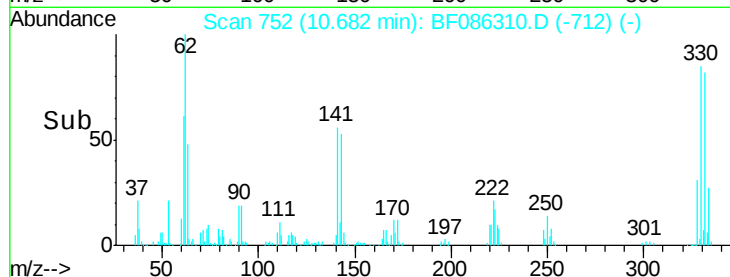
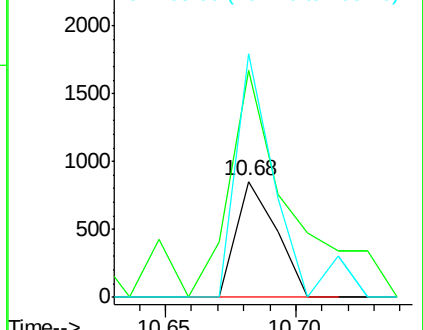
105 209.7 48.0 88.0#



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: 0.03 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

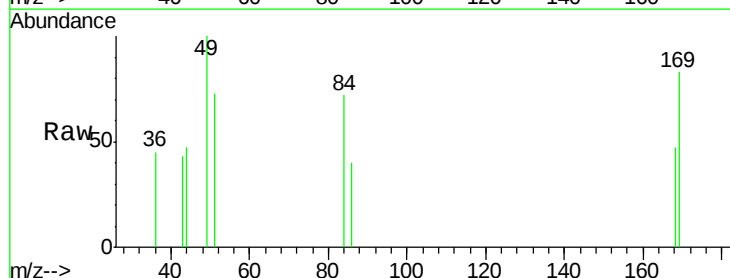
Tgt Ion:169 Resp: 750

Ion Ratio Lower Upper

169 100

168 57.0 54.3 81.5

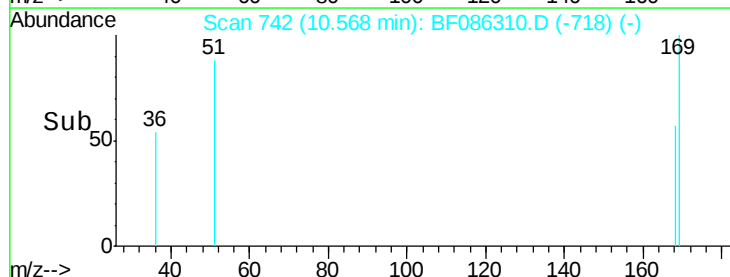
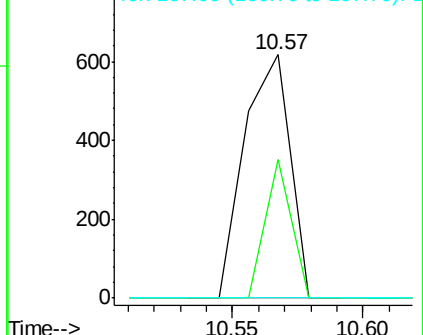
167 0.0 30.2 45.2#

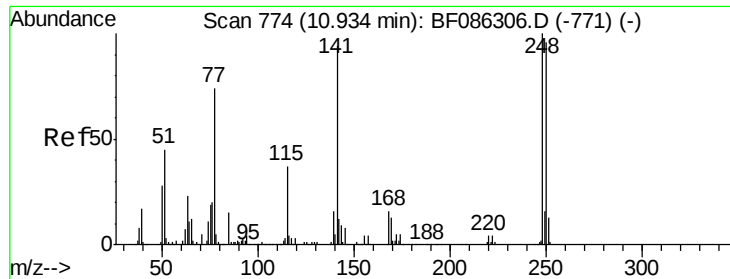


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

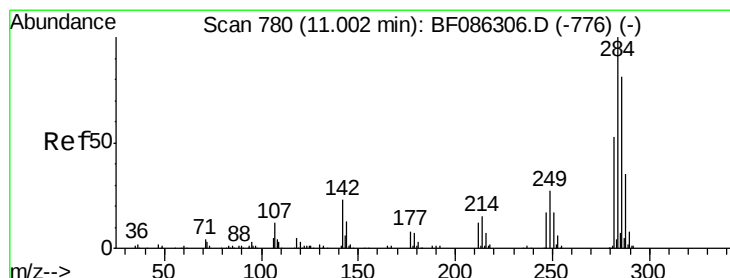
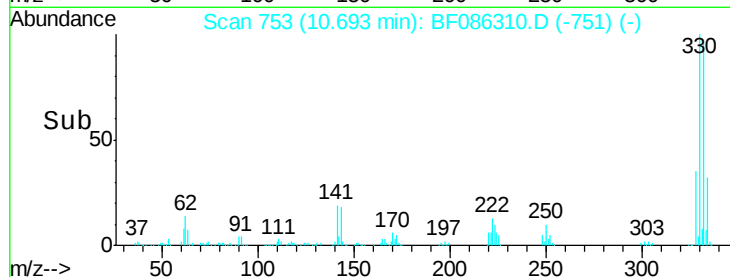
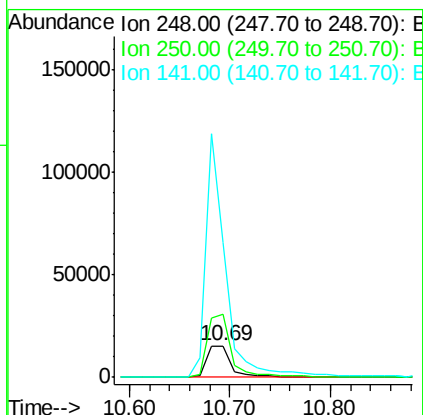
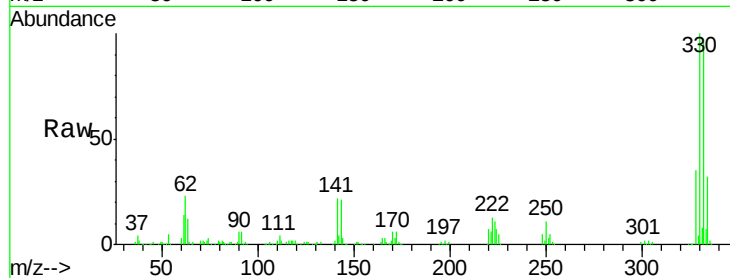




#66  
 4-Bromophenyl-phenylether  
 Concen: 3.15 ng  
 RT: 10.69 min Scan# 753  
 Delta R.T. -0.27 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

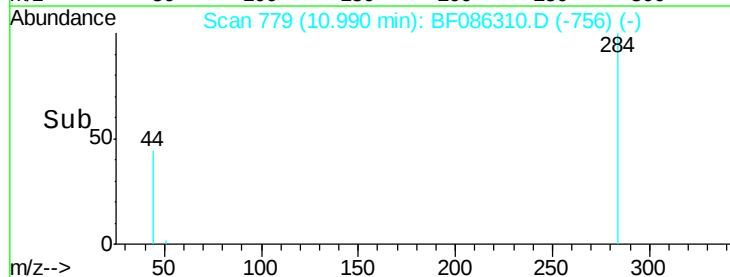
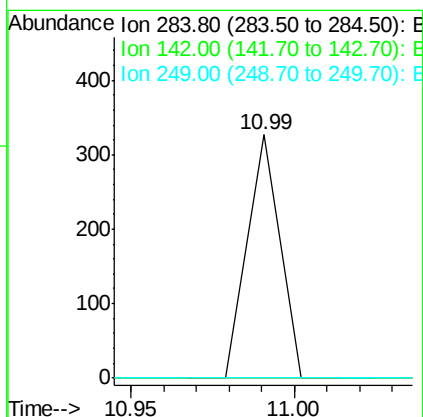
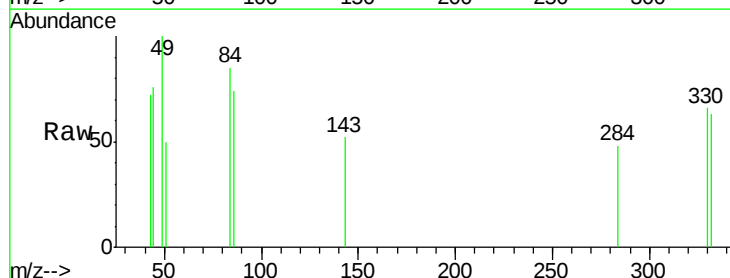
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

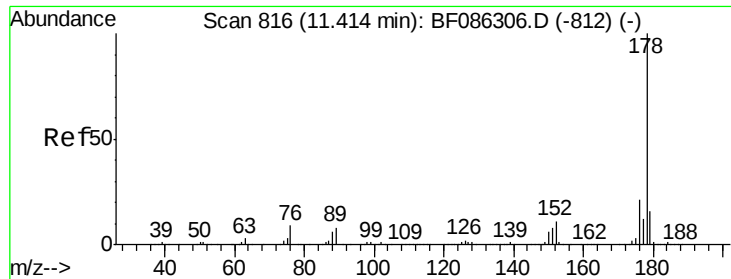
Tgt Ion:248 Resp: 25873  
 Ion Ratio Lower Upper  
 248 100  
 250 202.5 78.6 118.0#  
 141 428.5 57.9 86.9#



#67  
 Hexachlorobenzene  
 Concen: 0.03 ng  
 RT: 10.99 min Scan# 779  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Tgt Ion:284 Resp: 224  
 Ion Ratio Lower Upper  
 284 100  
 142 0.0 42.6 64.0#  
 249 0.0 25.9 38.9#





#70

Phenanthrene

Concen: 0.06 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleID :

PB89932BL

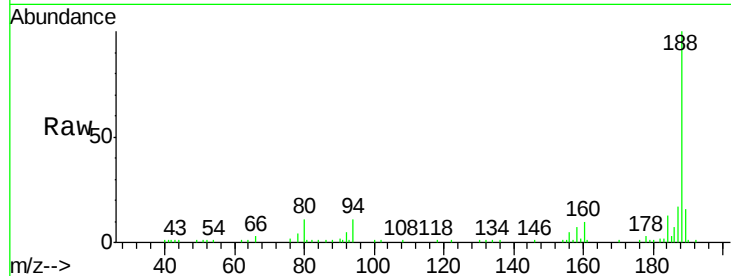
Tgt Ion:178 Resp: 2129

Ion Ratio Lower Upper

178 100

176 17.2 16.3 24.5

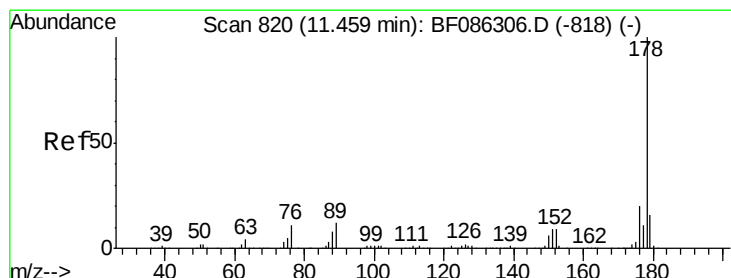
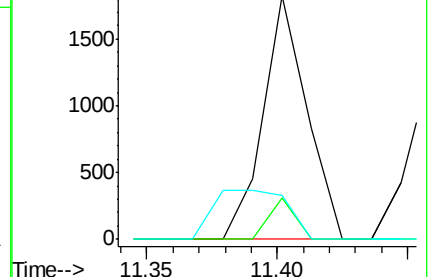
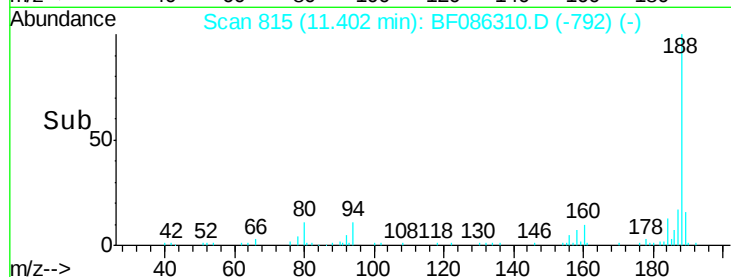
179 18.2 13.0 19.6



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: 0.05 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

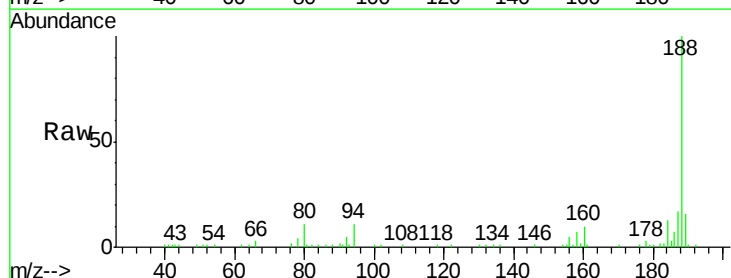
Tgt Ion:178 Resp: 2129

Ion Ratio Lower Upper

178 100

176 17.2 16.2 24.4

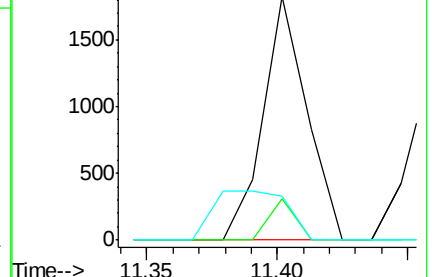
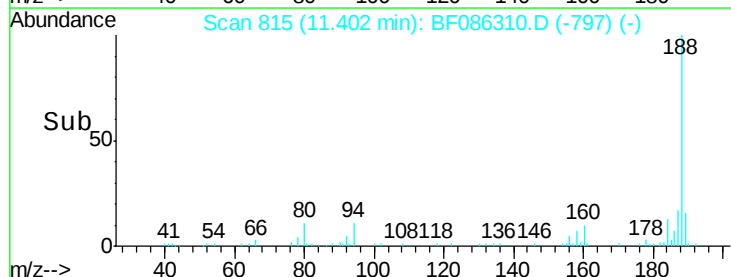
179 18.2 13.2 19.8

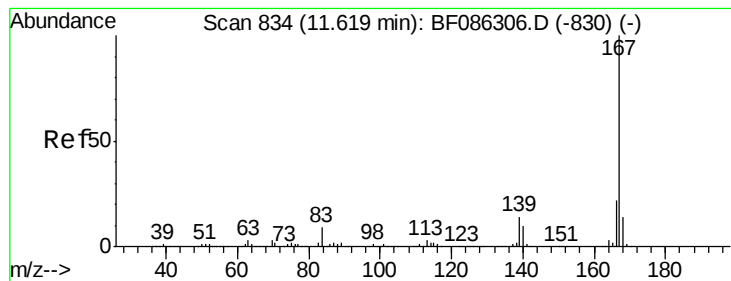


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.03 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

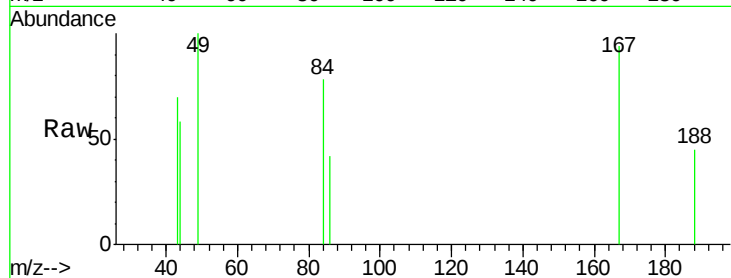
Tgt Ion:167 Resp: 942

Ion Ratio Lower Upper

167 100

166 0.0 18.3 27.5#

139 0.0 12.3 18.5#

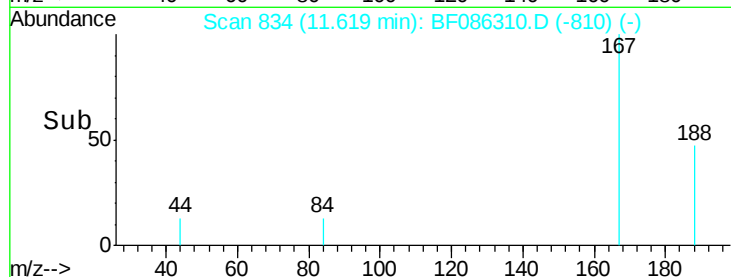


Abundance Ion 167.00 (166.70 to 167.70): E

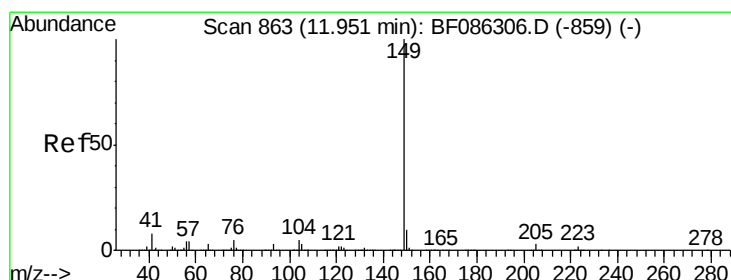
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

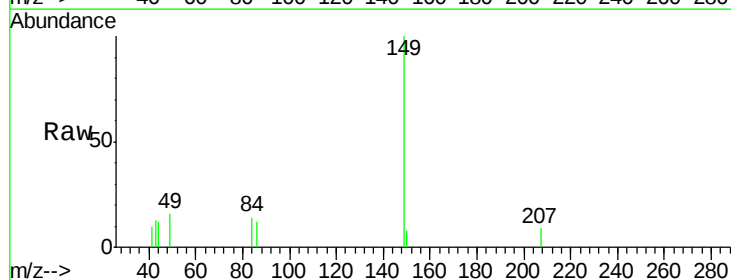
Tgt Ion:149 Resp: 3859

Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.8

104 0.0 4.1 6.1#

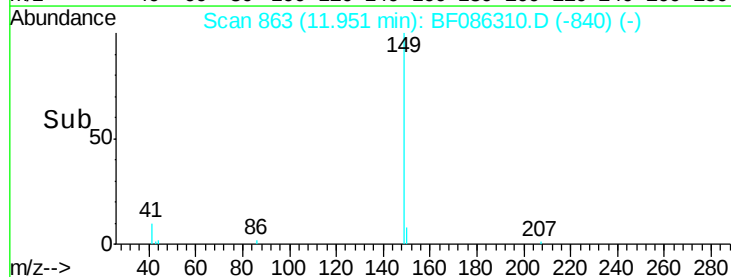


Abundance Ion 149.00 (148.70 to 149.70): E

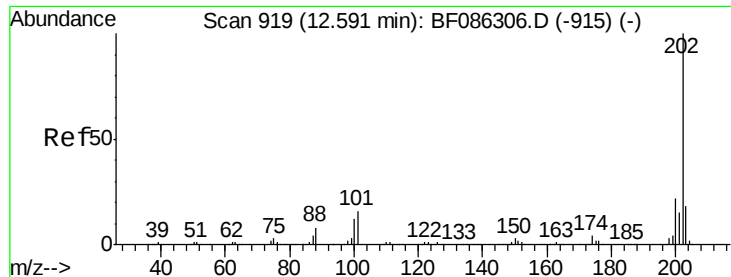
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 0.03 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

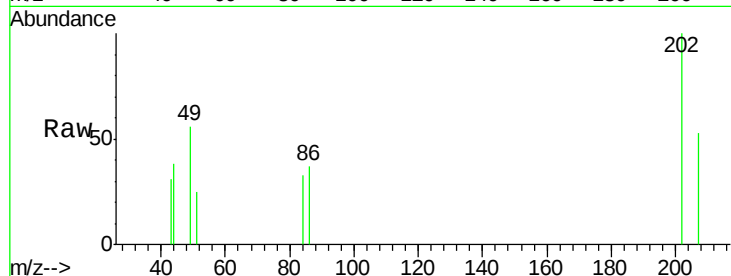
Tgt Ion: 202 Resp: 1123

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

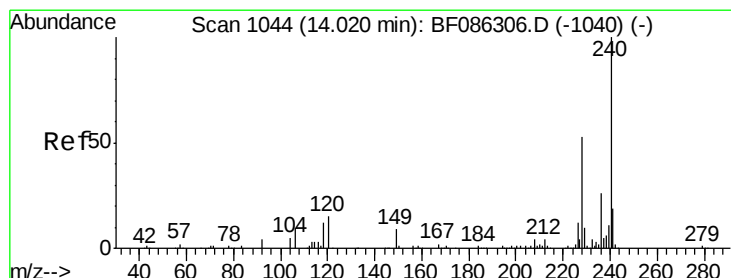
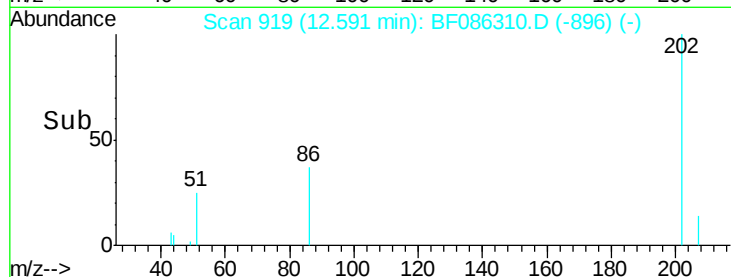
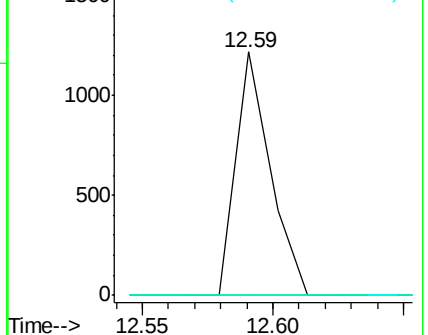
203 0.0 0.0 38.2



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: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

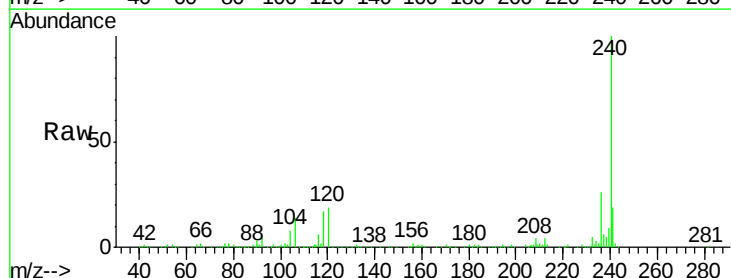
Tgt Ion: 240 Resp: 474034

Ion Ratio Lower Upper

240 100

120 19.0 9.3 13.9#

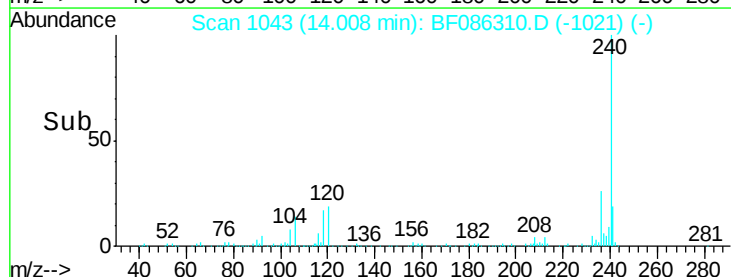
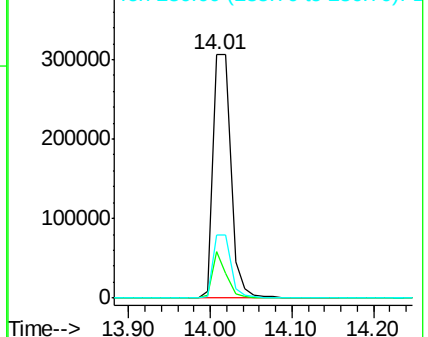
236 26.0 21.1 31.7

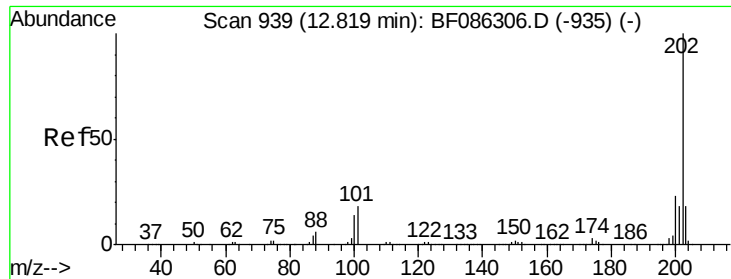


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

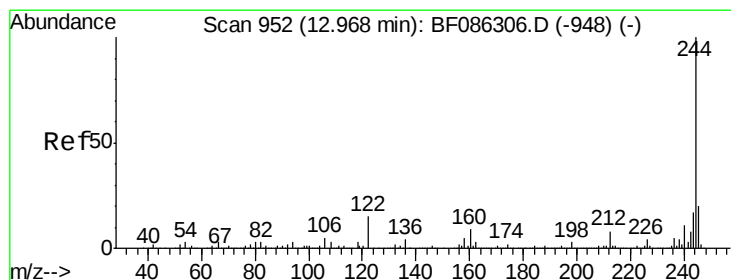
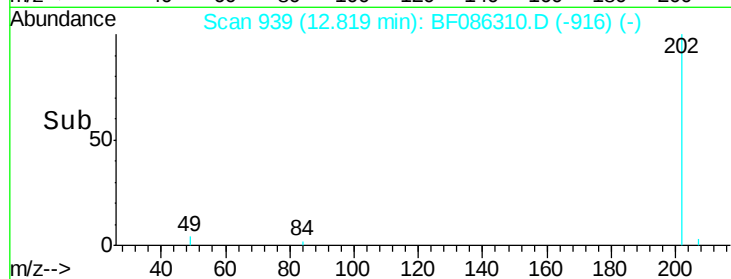
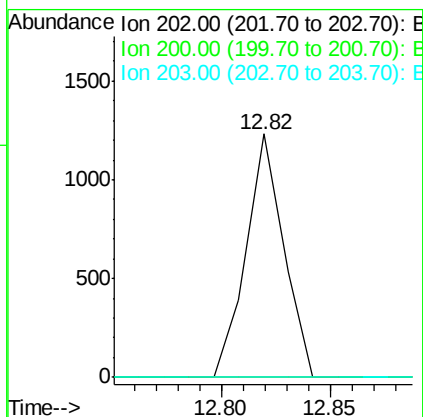
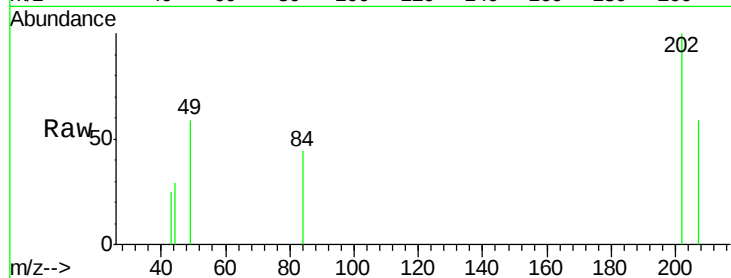




#77  
 Pyrene  
 Concen: 0.04 ng  
 RT: 12.82 min Scan# 939  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

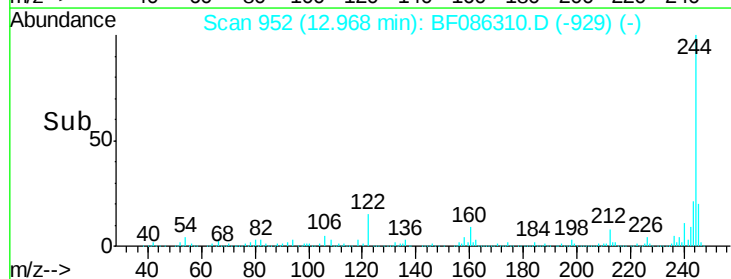
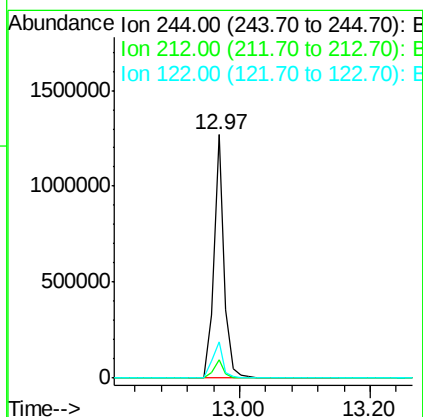
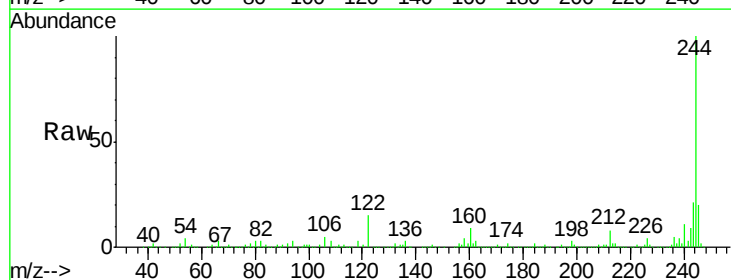
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

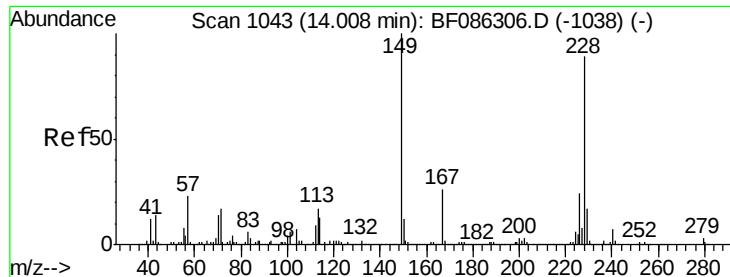
Tgt Ion: 202 Resp: 1480  
 Ion Ratio Lower Upper  
 202 100  
 200 0.0 18.3 27.5#  
 203 0.0 14.9 22.3#



#78  
 Terphenyl-d14  
 Concen: 70.53 ng  
 RT: 12.97 min Scan# 952  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Tgt Ion: 244 Resp: 1404475  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.4 9.6  
 122 14.9 11.7 17.5





#80

Benzo(a)anthracene

Concen: 0.14 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

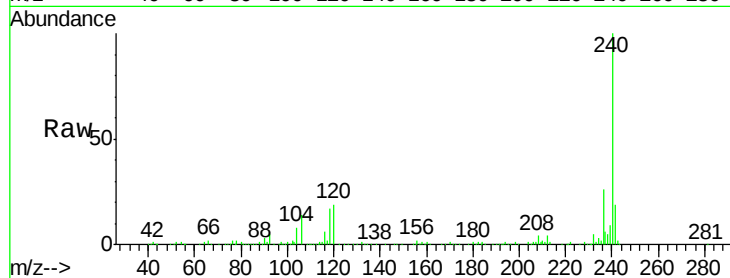
Tgt Ion:228 Resp: 3526

Ion Ratio Lower Upper

228 100

226 19.0 22.5 33.7#

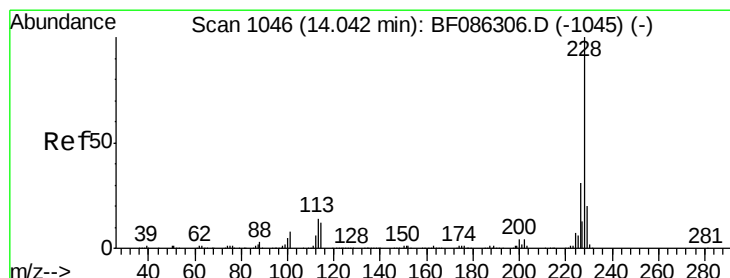
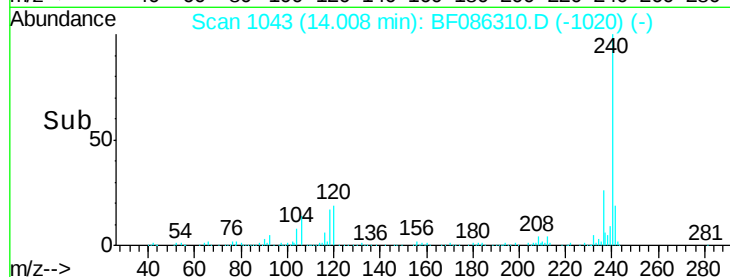
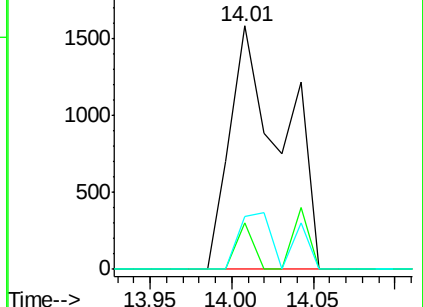
229 21.7 16.2 24.2



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



#82

Chrysene

Concen: 0.13 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.07 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

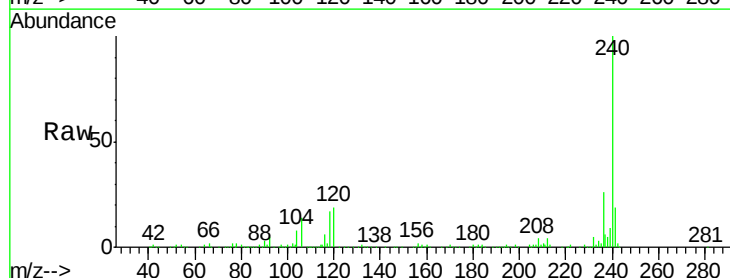
Tgt Ion:228 Resp: 3526

Ion Ratio Lower Upper

228 100

226 19.0 25.4 38.2#

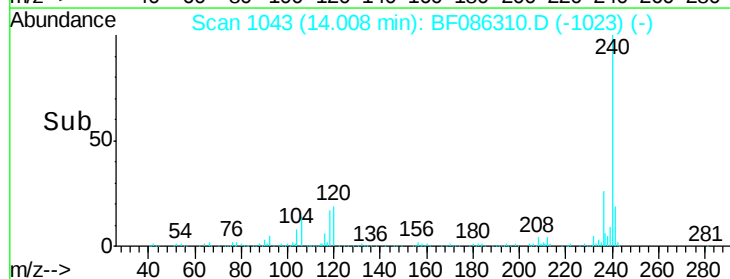
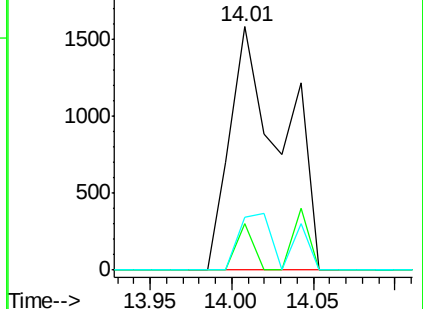
229 21.7 16.5 24.7

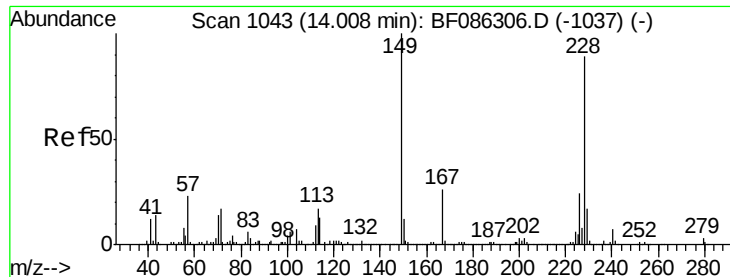


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

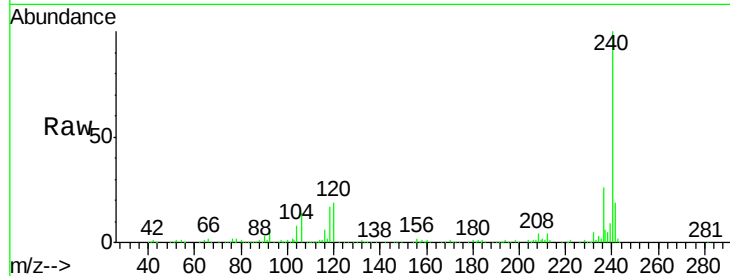




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.02 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

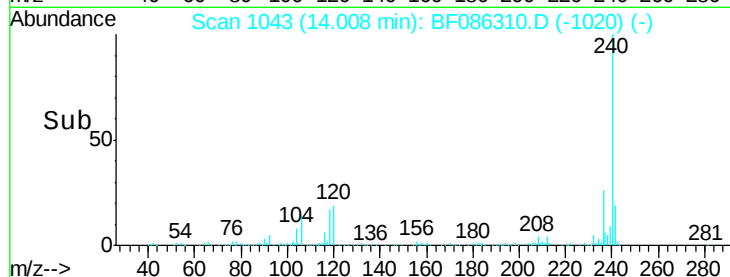
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 385   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 0.0   | 21.0  | 31.4# |
| 279      | 0.0   | 2.4   | 3.6#  |

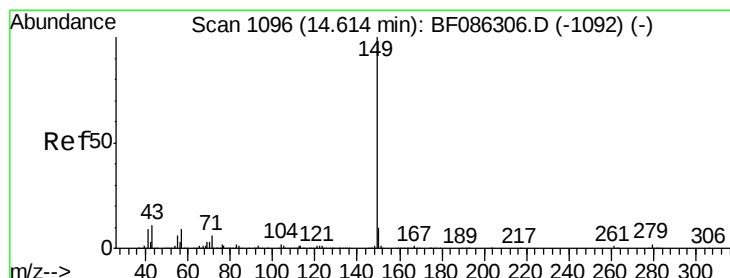


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

14.01

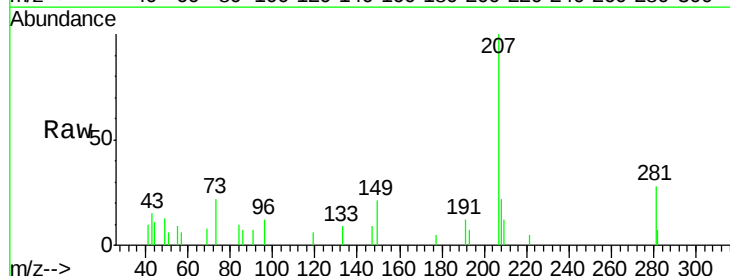


Time-->



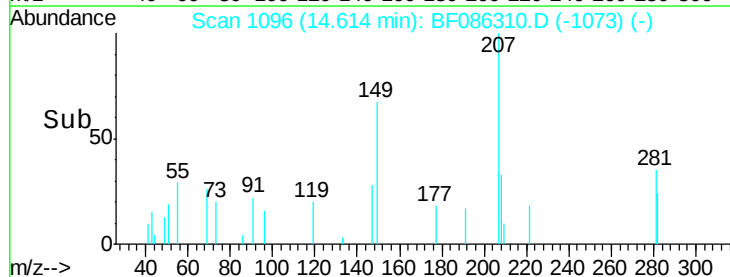
#84  
 Di-n-octyl phthalate  
 Concen: 0.03 ng  
 RT: 14.61 min Scan# 1096  
 Delta R.T. -0.03 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 1302  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 0.0   | 1.1   | 1.7#  |
| 43       | 100.8 | 9.1   | 13.7# |

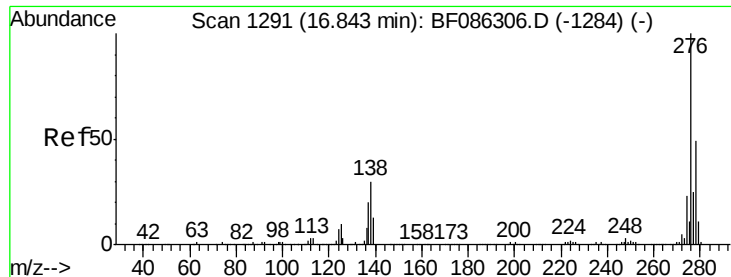


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0

14.61



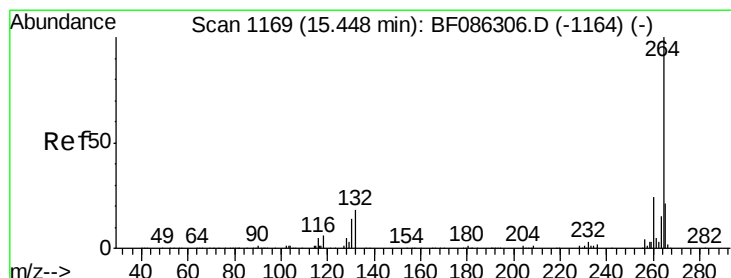
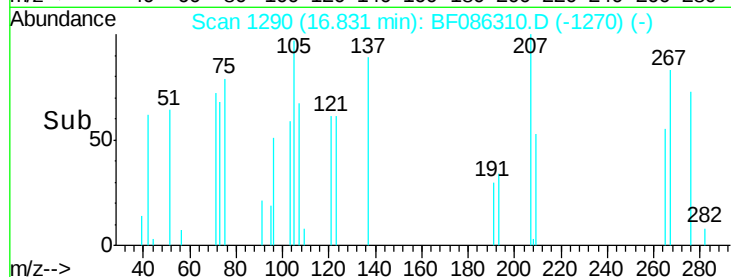
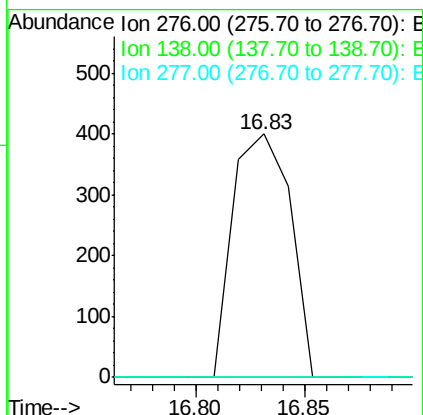
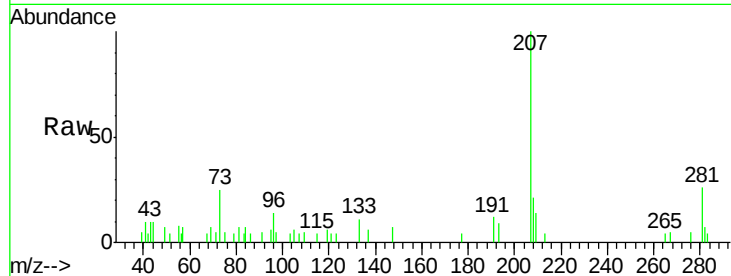
Time-->



#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.03 ng  
 RT: 16.83 min Scan# 1290  
 Delta R.T. -0.07 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

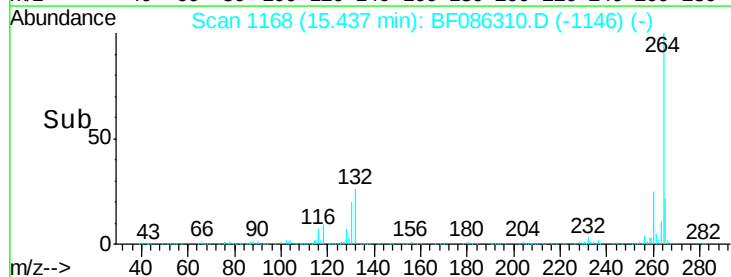
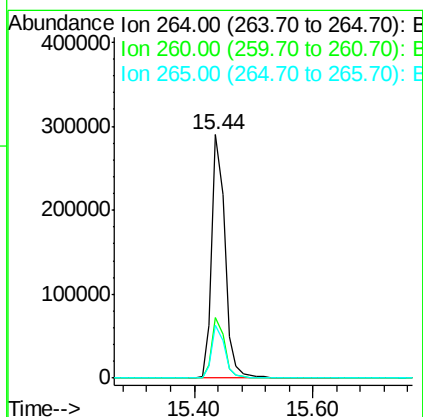
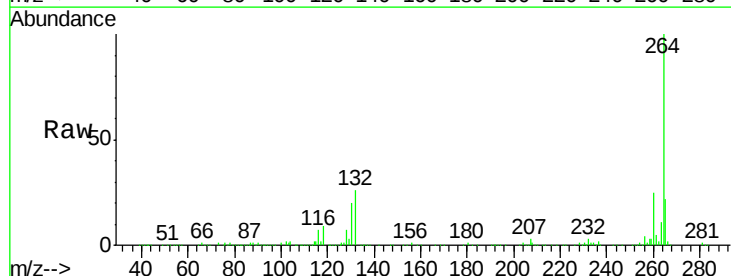
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

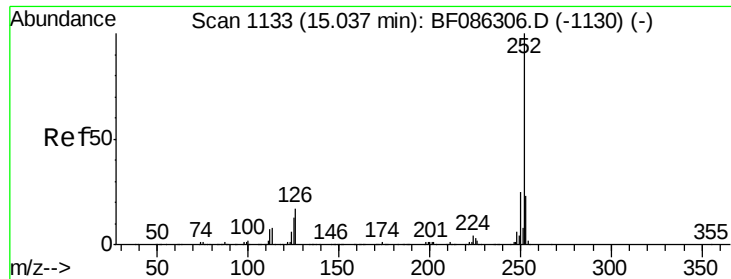
Tgt Ion: 276 Resp: 735  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 23.8 35.6#  
 277 0.0 20.2 30.2#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.44 min Scan# 1168  
 Delta R.T. -0.05 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Tgt Ion: 264 Resp: 449335  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 20.0 30.0  
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 0.09 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA\_F

ClientSampleId :

PB89932BL

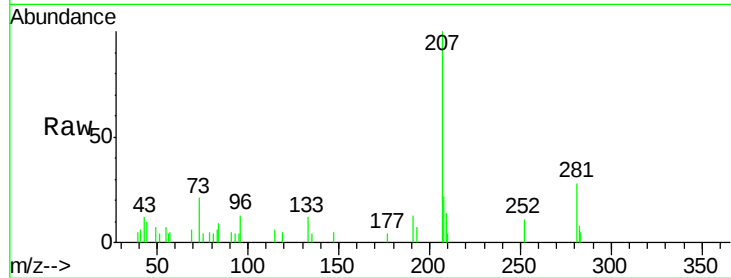
Tgt Ion:252 Resp: 2397

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

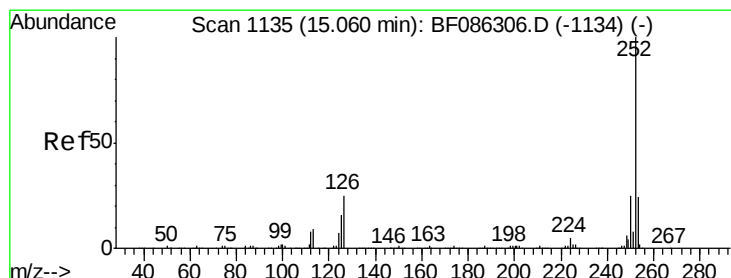
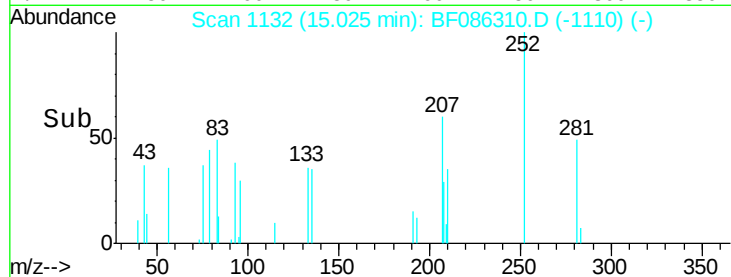
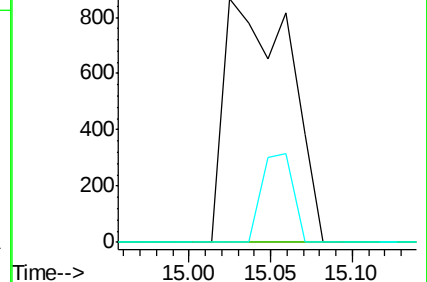
125 0.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.08 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

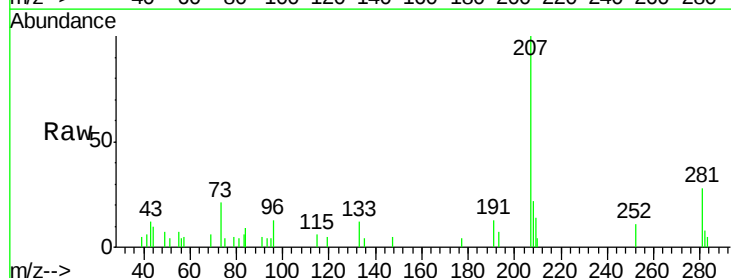
Tgt Ion:252 Resp: 2397

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

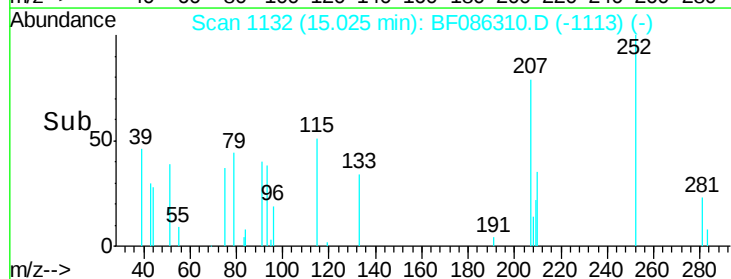
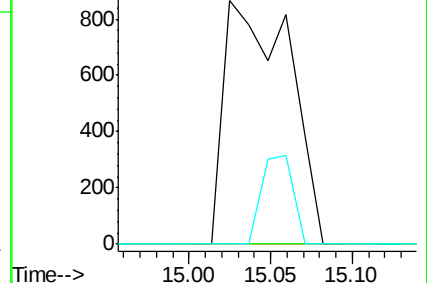
125 0.0 7.8 11.6#

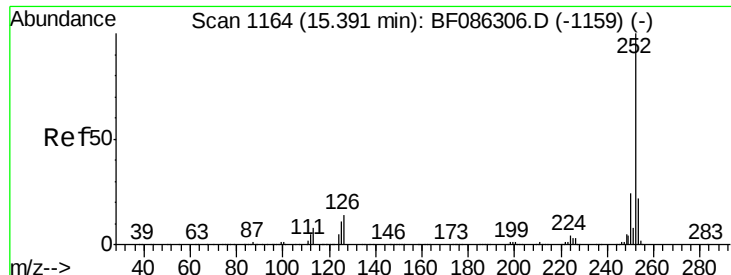


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

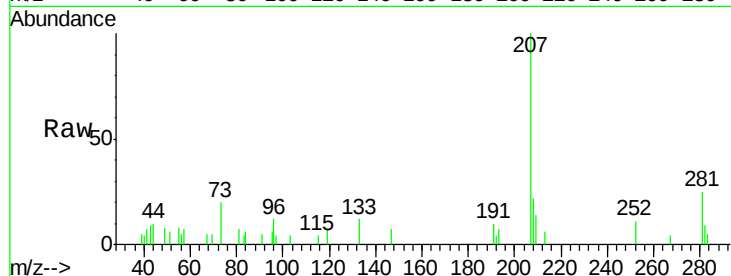




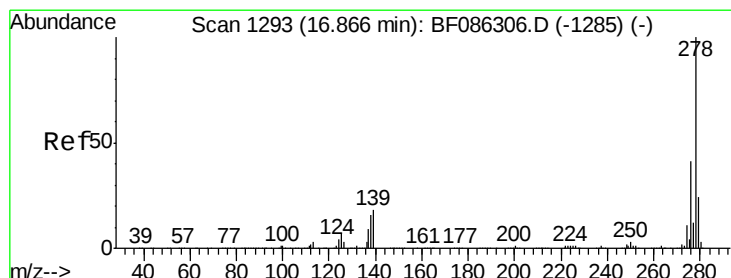
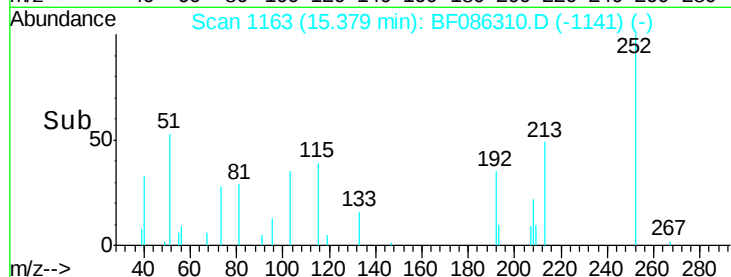
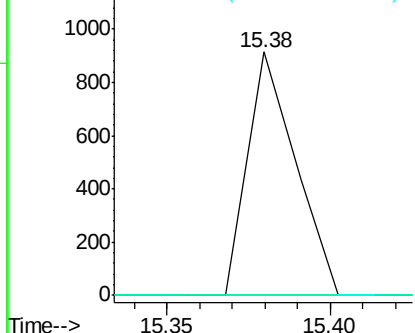
#89  
Benzo(a)pyrene  
Concen: 0.04 ng  
RT: 15.38 min Scan# 1163  
Delta R.T. -0.05 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB89932BL

Tgt Ion: 252 Resp: 926  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.8 26.8#  
125 0.0 11.2 16.8#

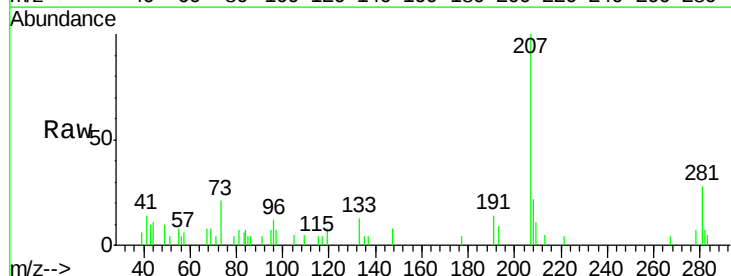


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

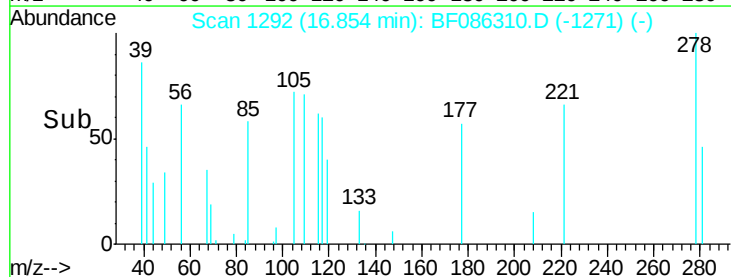
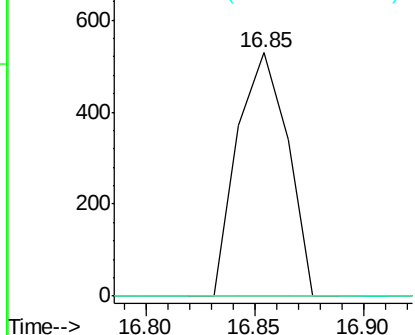


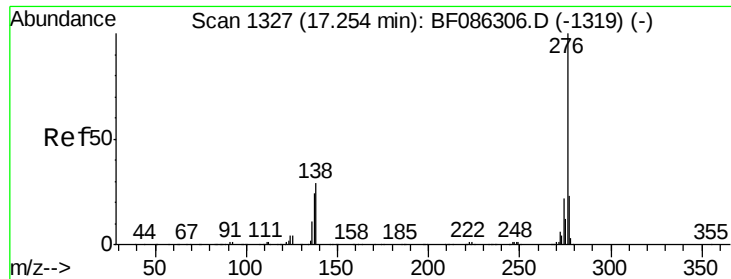
#90  
Dibenzo(a,h)anthracene  
Concen: 0.04 ng  
RT: 16.85 min Scan# 1292  
Delta R.T. -0.06 min  
Lab File: BF086310.D  
Acq: 20 Apr 2016 15:53

Tgt Ion: 278 Resp: 850  
Ion Ratio Lower Upper  
278 100  
139 0.0 15.3 22.9#  
279 0.0 19.1 28.7#



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: 0.01 ng  
 RT: 17.25 min Scan# 1327  
 Delta R.T. -0.07 min  
 Lab File: BF086310.D  
 Acq: 20 Apr 2016 15:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB89932BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 0.0   | 19.0  | 28.6# |
| 138     | 0.0   | 19.6  | 29.4# |

