

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
 Data File : BF087043.D  
 Acq On : 15 May 2016 2:29  
 Operator : UM/SJ  
 Sample : PB90575BSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Quant Time: May 16 04:51:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 14:55:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 144007   | 20.00 | ng    | -0.08    |
| 21) Naphthalene-d8        | 7.90  | 136  | 601379   | 20.00 | ng    | -0.09    |
| 38) Acenaphthene-d10      | 9.64  | 164  | 285293   | 20.00 | ng    | -0.09    |
| 63) Phenanthrene-d10      | 11.13 | 188  | 547122   | 20.00 | ng    | -0.08    |
| 75) Chrysene-d12          | 13.76 | 240  | 345976   | 20.00 | ng    | -0.08    |
| 86) Perylene-d12          | 15.11 | 264  | 309176   | 20.00 | ng    | -0.10    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.21  | 112 | 999018  | 117.48 | ng | -0.08 |
| 7) Phenol-d6                | 6.28  | 99  | 1268325 | 111.60 | ng | -0.08 |
| 23) Nitrobenzene-d5         | 7.19  | 82  | 883756  | 73.79  | ng | -0.08 |
| 41) 2,4,6-Tribromophenol    | 10.44 | 330 | 396484  | 131.27 | ng | -0.08 |
| 44) 2-Fluorobiphenyl        | 8.98  | 172 | 1420238 | 83.67  | ng | -0.08 |
| 78) Terphenyl-d14           | 12.71 | 244 | 1275286 | 78.21  | ng | -0.09 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.15 | 88  | 141128  | 33.81 | ng | # 65   |
| 3) Pyridine                    | 2.78 | 79  | 422941  | 41.44 | ng | # 59   |
| 4) n-Nitrosodimethylamine      | 2.74 | 42  | 310511  | 41.96 | ng | # 48   |
| 6) Aniline                     | 6.28 | 93  | 365788  | 26.61 | ng | # 58   |
| 8) 2-Chlorophenol              | 6.40 | 128 | 400911  | 39.07 | ng | # 80   |
| 9) Benzaldehyde                | 6.17 | 77  | 24124   | 3.67  | ng | 99     |
| 10) Phenol                     | 6.30 | 94  | 574486  | 42.53 | ng | 78     |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 441762  | 41.94 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 357294  | 32.18 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 423316  | 37.38 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 368430  | 37.33 | ng | 95     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 367611  | 46.84 | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 809650  | 35.36 | ng | # 51   |
| 17) 2-Methylphenol             | 6.90 | 107 | 334664  | 40.99 | ng | # 80   |
| 18) Hexachloroethane           | 7.12 | 117 | 164227  | 38.55 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 334973  | 42.18 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 442081  | 41.46 | ng | # 60   |
| 22) Acetophenone               | 7.04 | 105 | 593737  | 41.80 | ng | 97     |
| 24) Nitrobenzene               | 7.21 | 77  | 487015  | 39.53 | ng | 94     |
| 25) Isophorone                 | 7.45 | 82  | 855765  | 38.51 | ng | 98     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 209806  | 38.74 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 370460  | 40.16 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 526689  | 43.94 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 337664  | 41.59 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 350536  | 38.61 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 1124764 | 37.34 | ng | 99     |
| 32) Benzoic acid               | 7.74 | 122 | 204840  | 37.81 | ng | # 80   |
| 33) 4-Chloroaniline            | 7.99 | 127 | 239750  | 20.48 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 209537  | 39.78 | ng | 99     |
| 35) Caprolactam                | 8.36 | 113 | 79173   | 28.66 | ng | # 53   |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 369626  | 37.54 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 795945  | 45.20 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 302354  | 36.45 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.76 | 237 | 279725  | 71.05 | ng | 95     |

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 PB90575BSD

Quant Time: May 16 04:51:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 14:55:23 2016  
 Response via : Initial Calibration

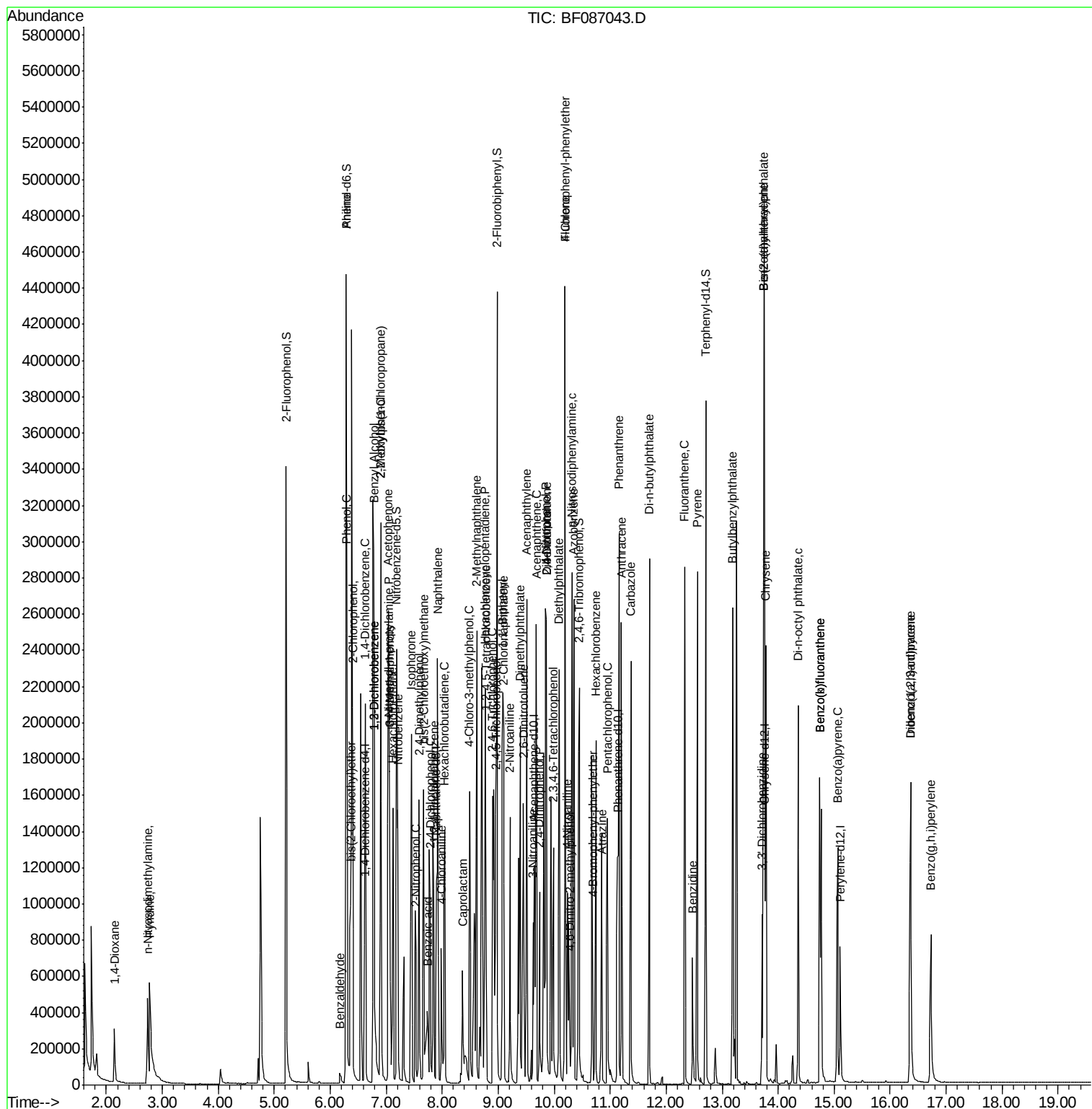
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 209657   | 37.80  | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 8.96  | 196  | 212209   | 36.99  | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 938687   | 41.37  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.10  | 162  | 704967   | 39.65  | ng    | 92       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 272123   | 41.88  | ng    | # 74     |
| 48) Acenaphthylene             | 9.51  | 152  | 1067940  | 40.84  | ng    | 99       |
| 49) Dimethylphthalate          | 9.39  | 163  | 875242   | 40.21  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.45  | 165  | 180291   | 39.36  | ng    | # 65     |
| 51) Acenaphthene               | 9.68  | 154  | 636898   | 39.15  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.62  | 138  | 126321   | 26.20  | ng    | # 77     |
| 53) 2,4-Dinitrophenol          | 9.74  | 184  | 142085   | 62.55  | ng    | # 85     |
| 54) Dibenzofuran               | 9.86  | 168  | 940438   | 45.04  | ng    | 98       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 628123   | 188.77 | ng    | # 24     |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 250206   | 44.14  | ng    | 90       |
| 57) Fluorene                   | 10.19 | 166  | 698346   | 39.21  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 202379   | 46.86  | ng    | 95       |
| 59) Diethylphthalate           | 10.09 | 149  | 883628   | 41.66  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 355467   | 46.18  | ng    | 93       |
| 61) 4-Nitroaniline             | 10.24 | 138  | 166779   | 36.01  | ng    | # 68     |
| 62) Azobenzene                 | 10.35 | 77   | 1065571  | 46.57  | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.27 | 198  | 115352   | 33.94  | ng    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 719567   | 42.81  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 217243   | 39.16  | ng    | # 74     |
| 67) Hexachlorobenzene          | 10.74 | 284  | 264055   | 40.73  | ng    | # 87     |
| 68) Atrazine                   | 10.86 | 200  | 223490   | 39.80  | ng    | 95       |
| 69) Pentachlorophenol          | 10.95 | 266  | 228000   | 76.10  | ng    | 96       |
| 70) Phenanthrene               | 11.15 | 178  | 1202979  | 41.20  | ng    | 100      |
| 71) Anthracene                 | 11.20 | 178  | 1102539  | 36.92  | ng    | 100      |
| 72) Carbazole                  | 11.37 | 167  | 1119477  | 43.61  | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1291355  | 41.20  | ng    | # 99     |
| 74) Fluoranthene               | 12.33 | 202  | 1098175  | 36.57  | ng    | 98       |
| 76) Benzidine                  | 12.47 | 184  | 321884   | 36.49  | ng    | 96       |
| 77) Pyrene                     | 12.56 | 202  | 1193315  | 45.05  | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.19 | 149  | 500686   | 44.69  | ng    | # 70     |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 855888   | 44.07  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 194243   | 15.74  | ng    | # 98     |
| 82) Chrysene                   | 13.78 | 228  | 914424   | 46.28  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.75 | 149  | 631850   | 46.88  | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.35 | 149  | 1091239  | 48.88  | ng    | # 85     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 767922   | 46.72  | ng    | 94       |
| 87) Benzo(b)fluoranthene       | 14.74 | 252  | 1447871  | 72.06  | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 14.74 | 252  | 1448961  | 88.07  | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 715685   | 41.29  | ng    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 16.37 | 278  | 632507   | 43.30  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.73 | 276  | 648038   | 43.66  | ng    | # 92     |
| -----                          |       |      |          |        |       |          |

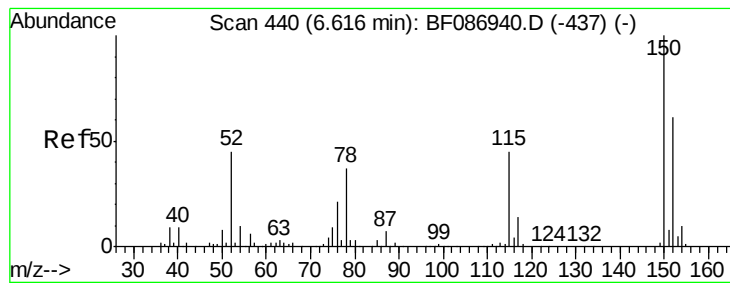
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/SJ  
Sample    : PB90575BSD  
Misc      :  
ALS Vial  : 65    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB90575BSD

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QLast Update : Fri May 13 14:55:23 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

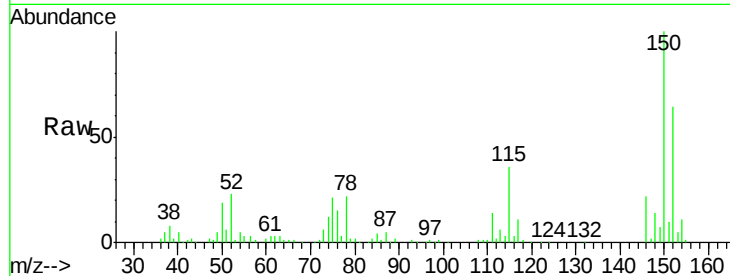
Tgt Ion:152 Resp: 144007

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

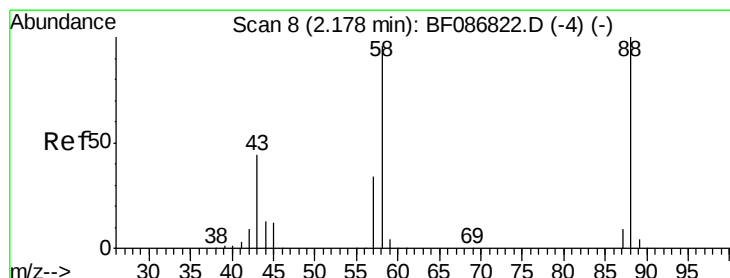
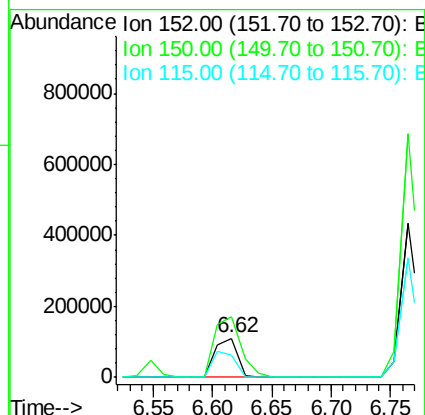
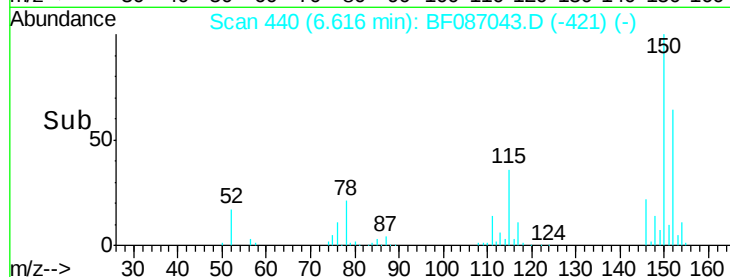
115 56.3 51.5 77.3



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: 33.81 ng

RT: 2.15 min Scan# 49

Delta R.T. -0.03 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

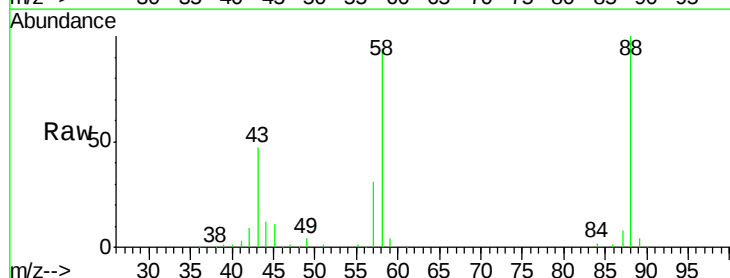
Tgt Ion: 88 Resp: 141128

Ion Ratio Lower Upper

88 100

58 100.4 59.6 89.4#

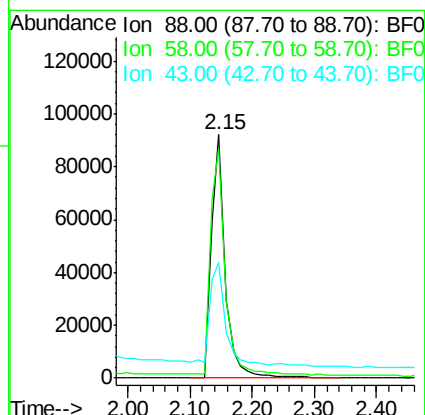
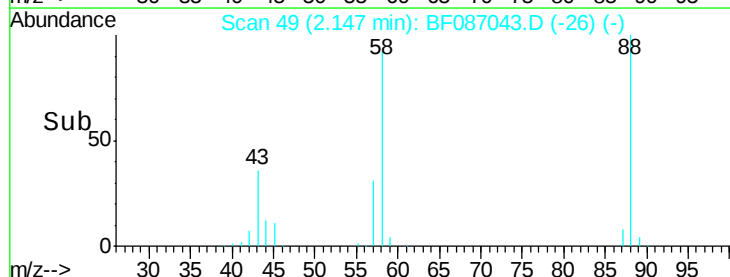
43 51.9 21.8 32.6#

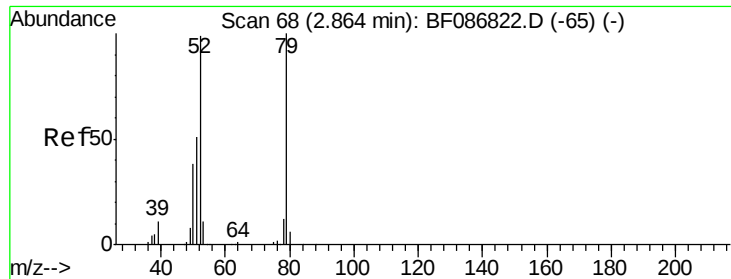


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

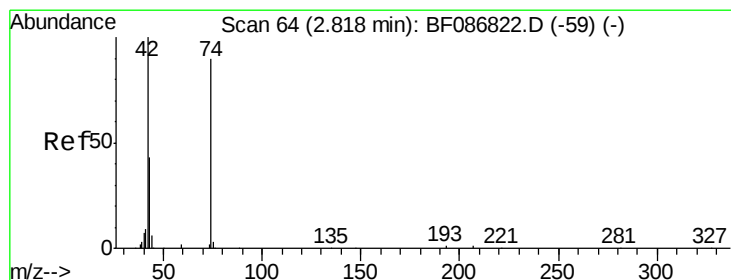
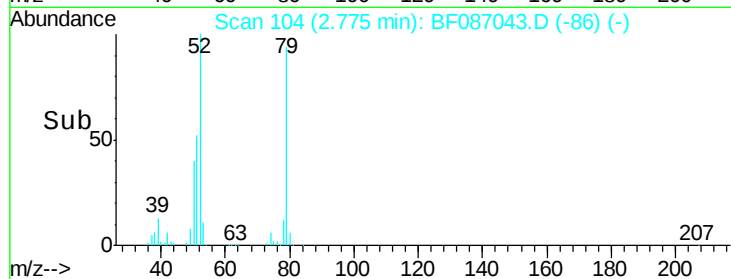
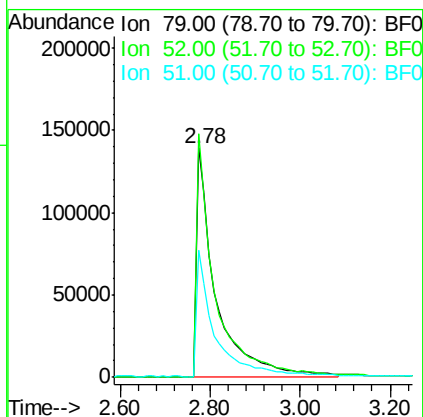
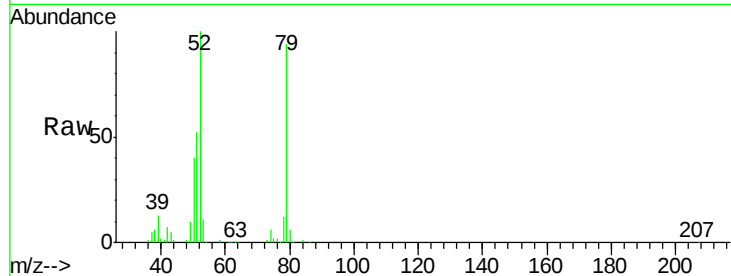




#3  
 Pyridine  
 Concen: 41.44 ng  
 RT: 2.78 min Scan# 104  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

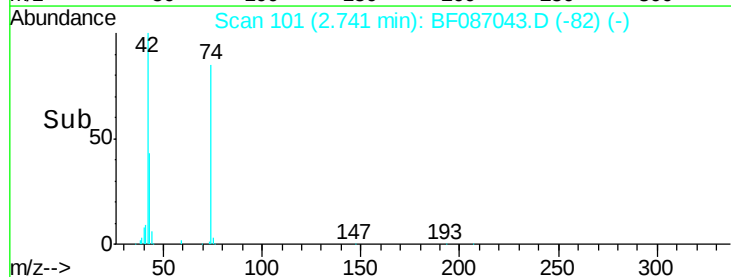
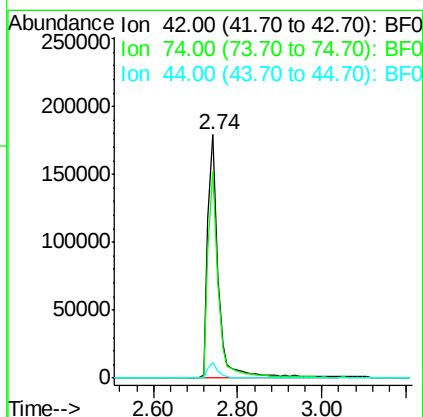
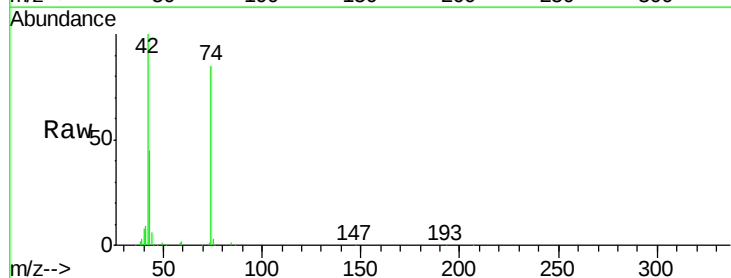
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

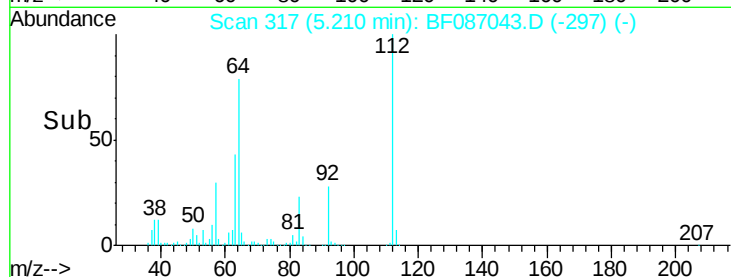
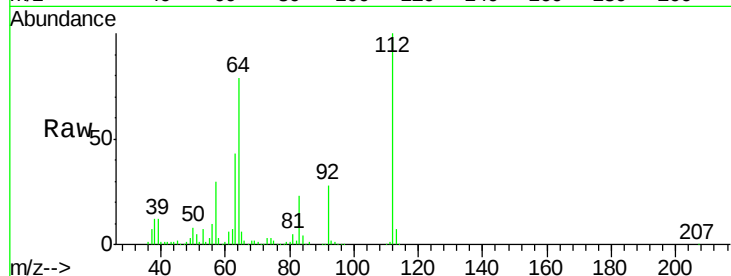
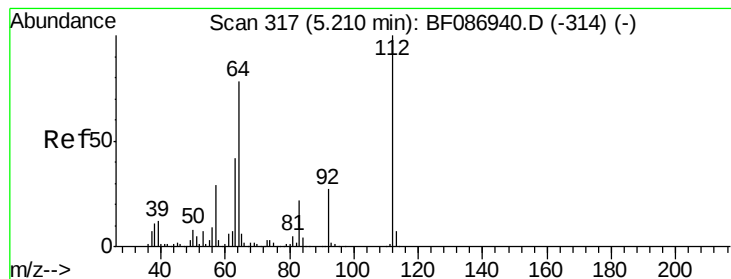
Tgt Ion: 79 Resp: 422941  
 Ion Ratio Lower Upper  
 79 100  
 52 106.4 55.9 83.9#  
 51 55.6 28.1 42.1#



#4  
 n-Nitrosodimethylamine  
 Concen: 41.96 ng  
 RT: 2.74 min Scan# 101  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion: 42 Resp: 310511  
 Ion Ratio Lower Upper  
 42 100  
 74 84.6 123.4 185.0#  
 44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 117.48 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

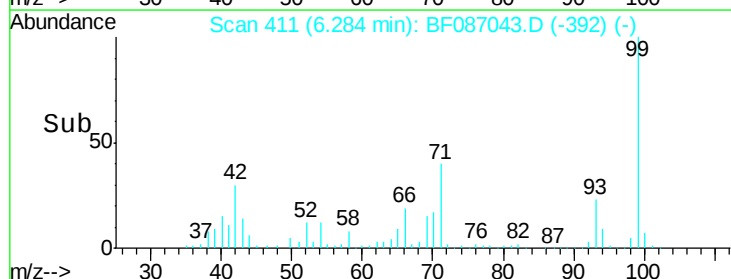
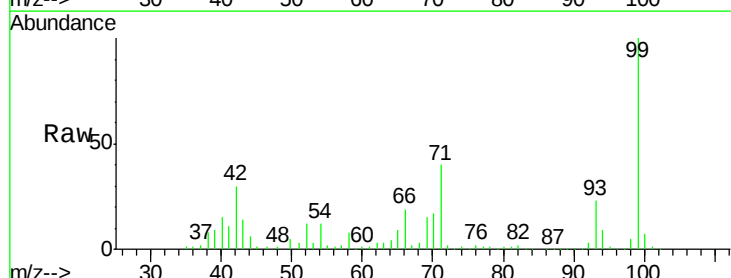
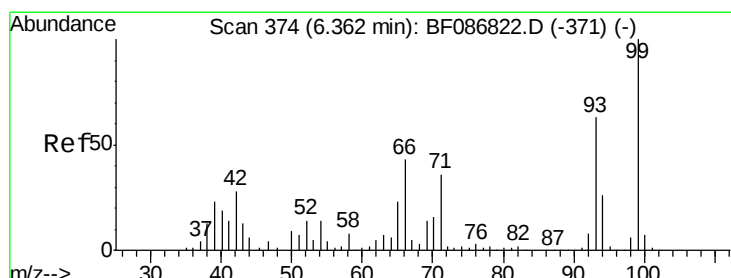
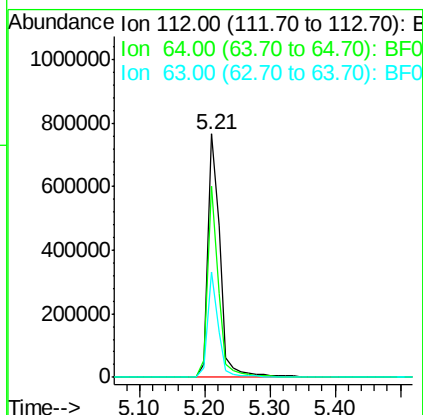
Tgt Ion: 112 Resp: 999018

Ion Ratio Lower Upper

112 100

64 78.5 52.1 78.1#

63 43.2 25.7 38.5#



#6

Aniline

Concen: 26.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

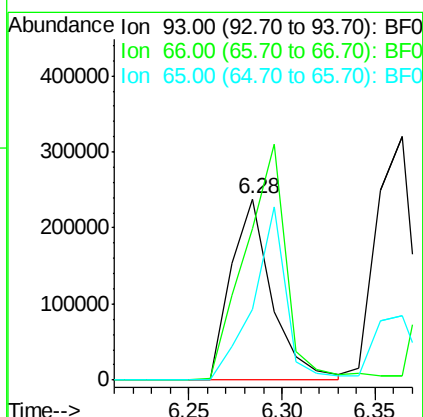
Tgt Ion: 93 Resp: 365788

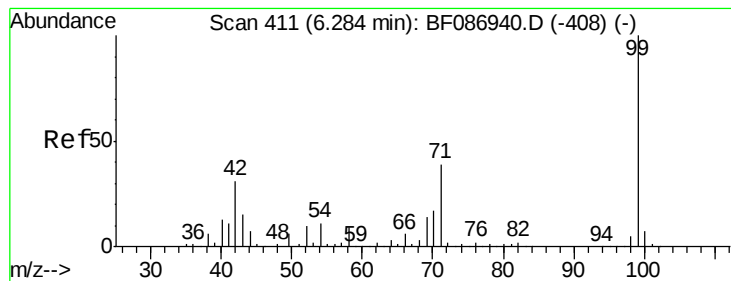
Ion Ratio Lower Upper

93 100

66 83.7 39.0 58.6#

65 38.9 20.6 31.0#





#7

Phenol-d6

Concen: 111.60 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

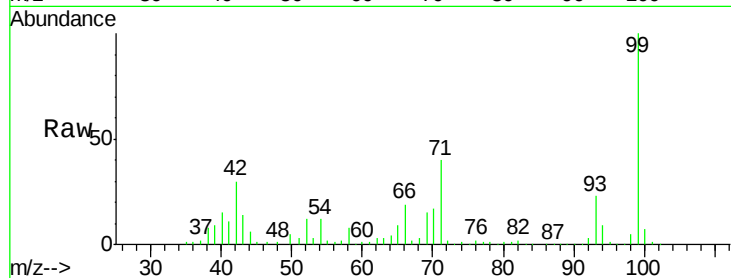
Tgt Ion: 99 Resp: 1268325

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

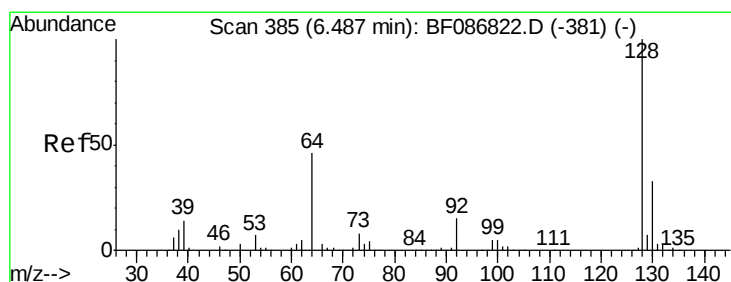
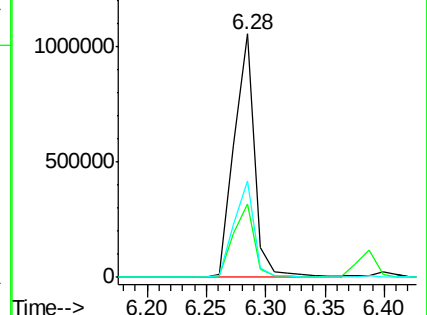
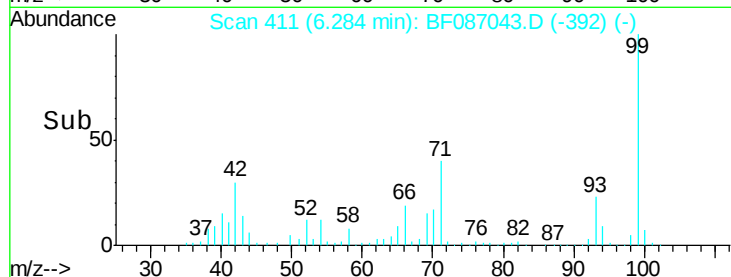
71 39.8 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.07 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

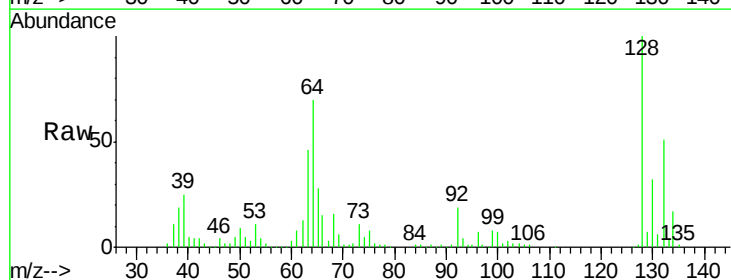
Tgt Ion: 128 Resp: 400911

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

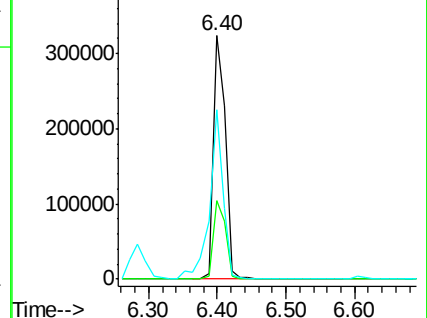
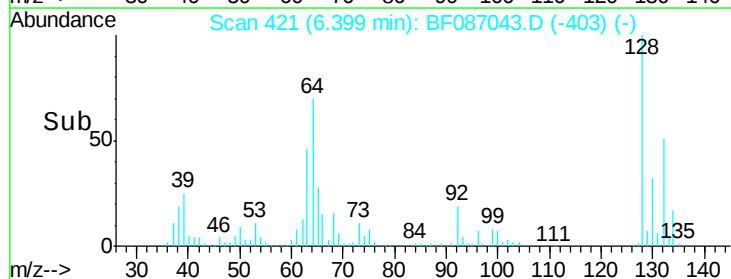
64 69.8 27.3 67.3#

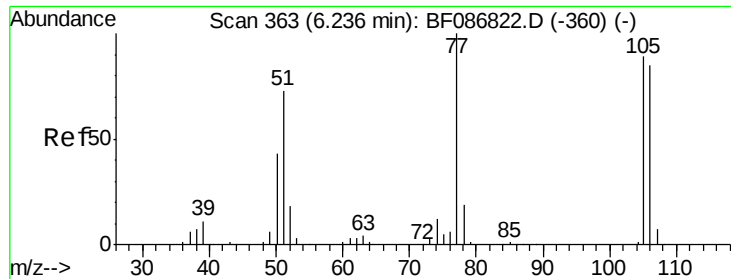


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.67 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.07 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

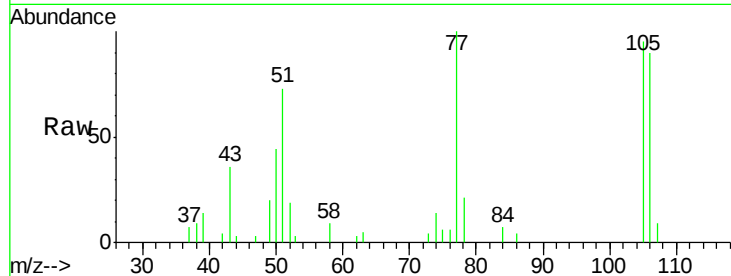
Tgt Ion: 77 Resp: 24124

Ion Ratio Lower Upper

77 100

105 94.7 72.7 112.7

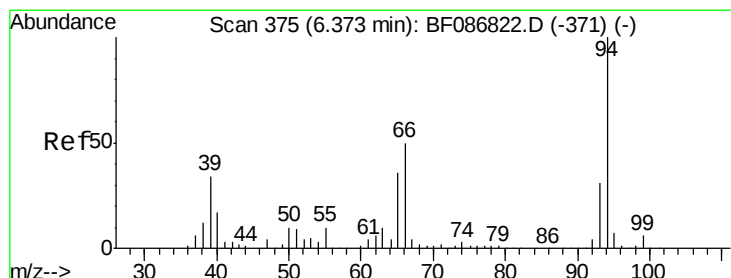
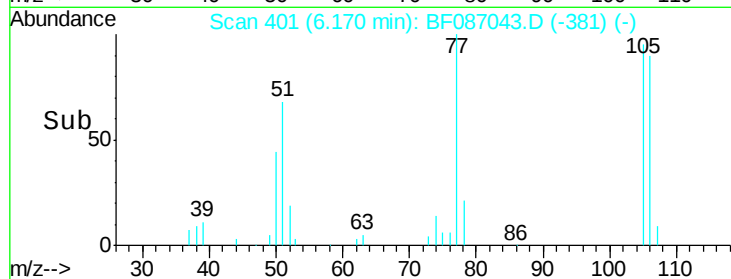
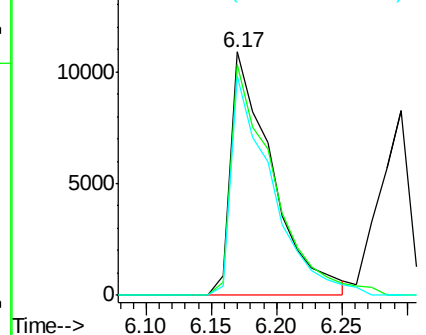
106 90.0 70.8 110.8



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: 42.53 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

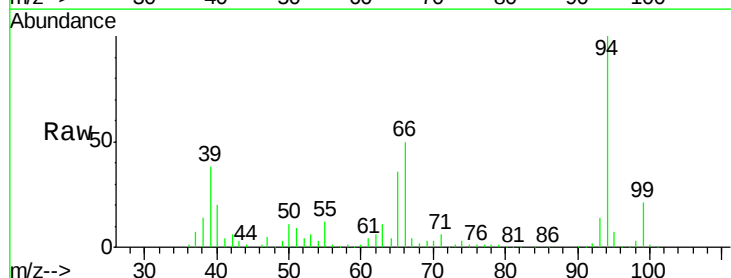
Tgt Ion: 94 Resp: 574486

Ion Ratio Lower Upper

94 100

65 36.4 7.2 47.2

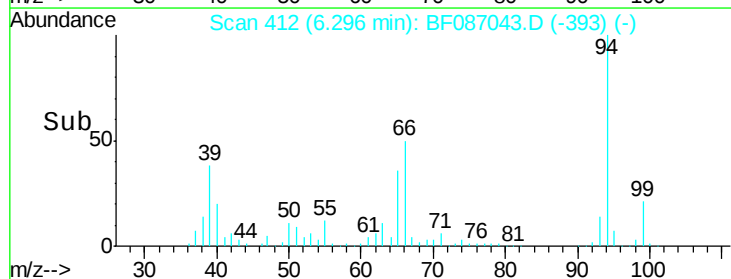
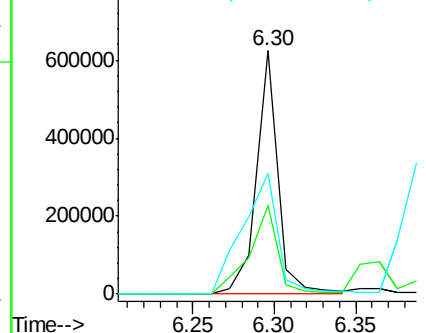
66 49.6 14.9 54.9

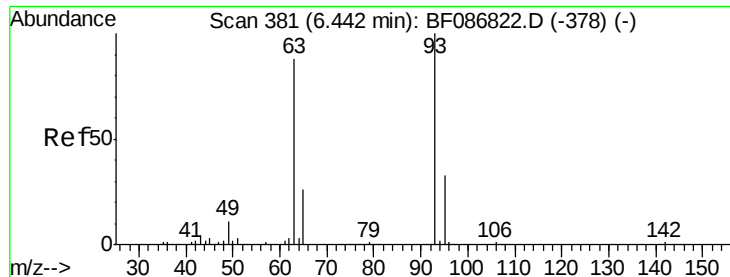


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.94 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

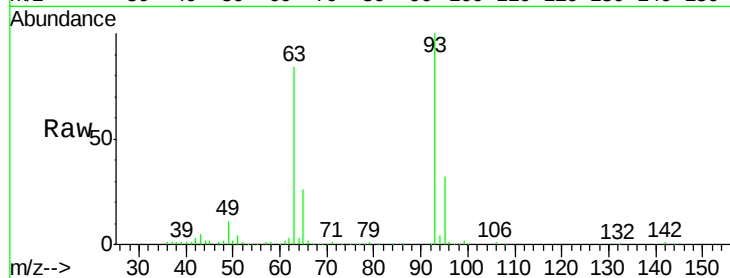
Tgt Ion: 93 Resp: 441762

Ion Ratio Lower Upper

93 100

63 83.9 58.0 98.0

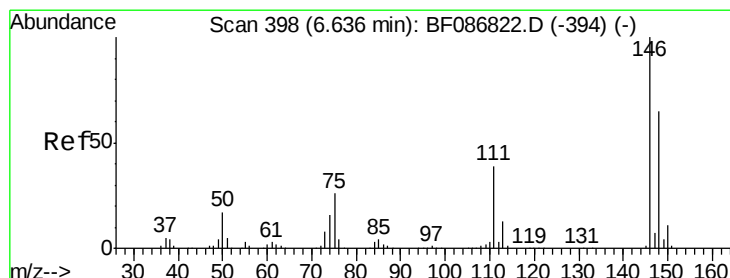
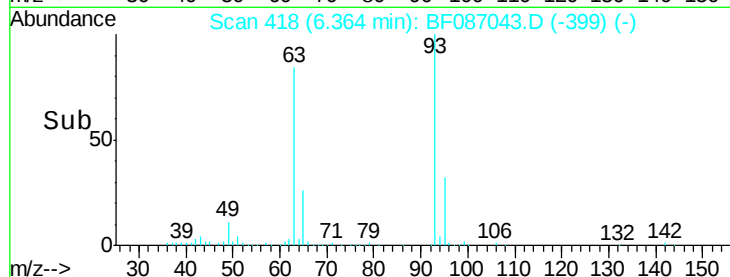
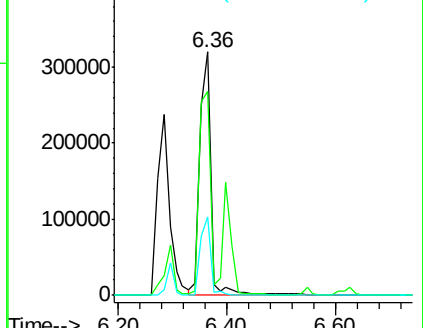
95 32.3 11.9 51.9



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: 32.18 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.15 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

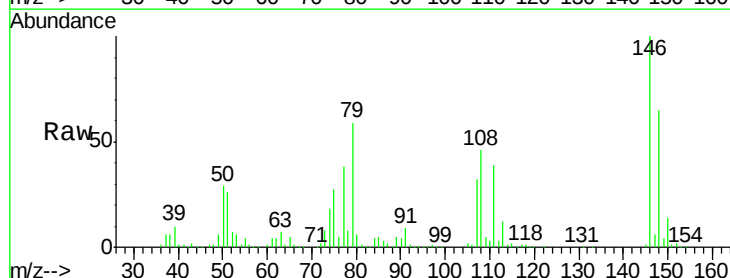
Tgt Ion: 146 Resp: 357294

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

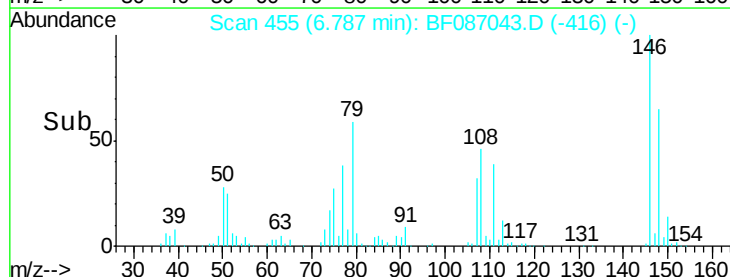
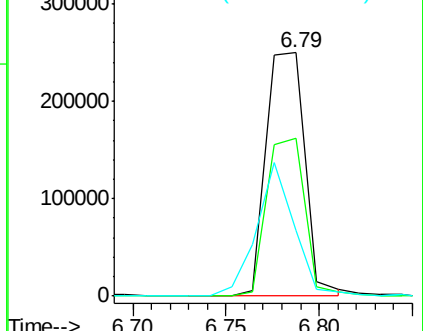
75 27.0 22.8 34.2

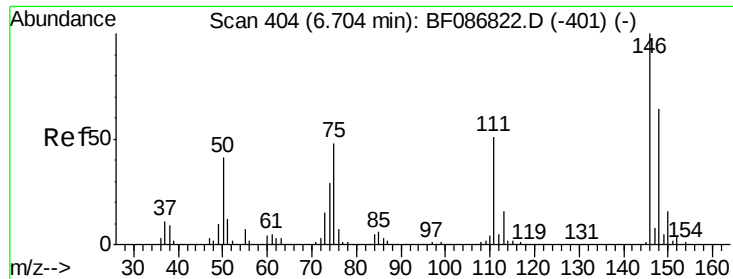


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

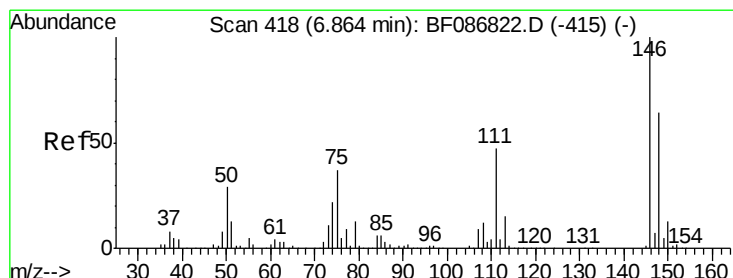
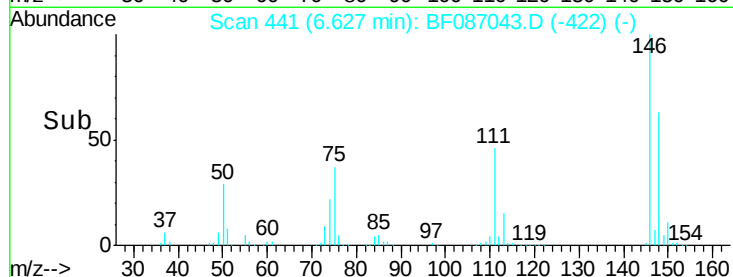
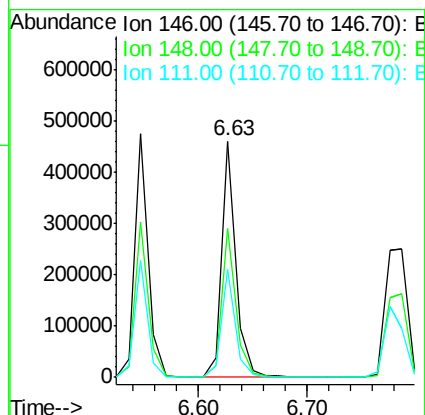
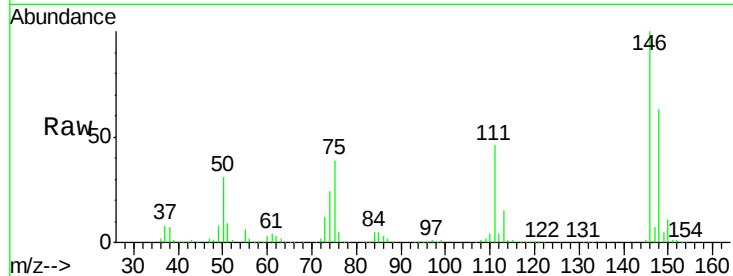




#13  
 1,4-Dichlorobenzene  
 Concen: 37.38 ng  
 RT: 6.63 min Scan# 441  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

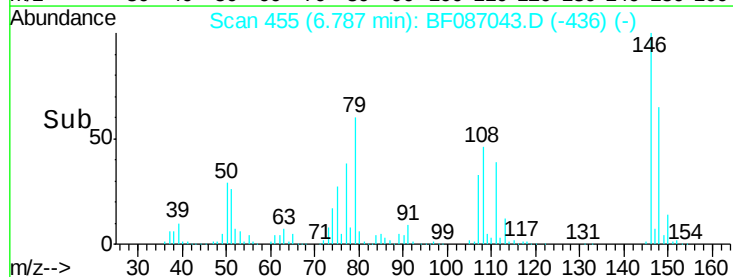
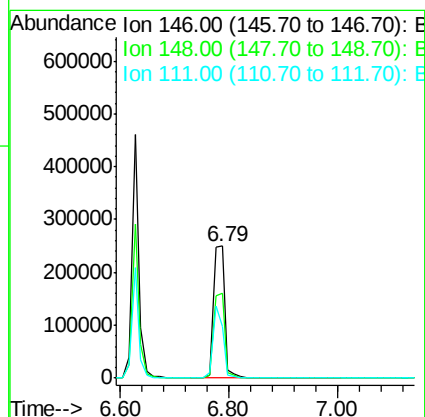
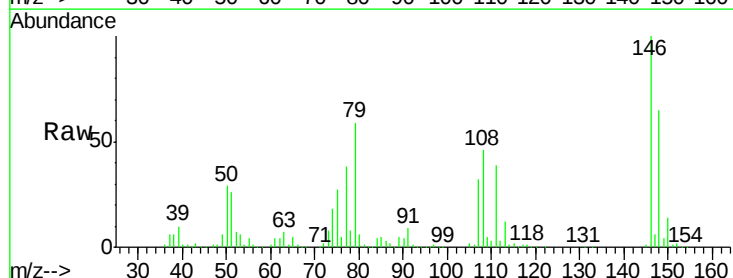
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

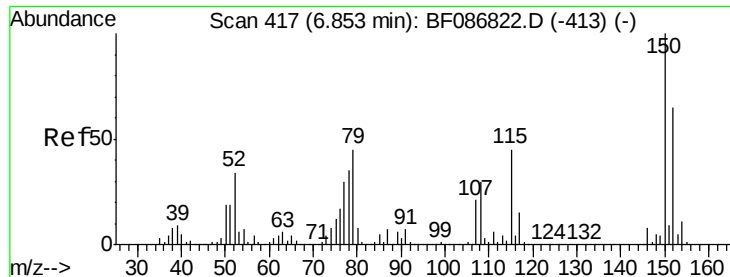
Tgt Ion:146 Resp: 423316  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.2 78.4  
 111 45.6 30.7 46.1



#14  
 1,2-Dichlorobenzene  
 Concen: 37.33 ng  
 RT: 6.79 min Scan# 455  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:146 Resp: 368430  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.0 76.6  
 111 38.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 46.84 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

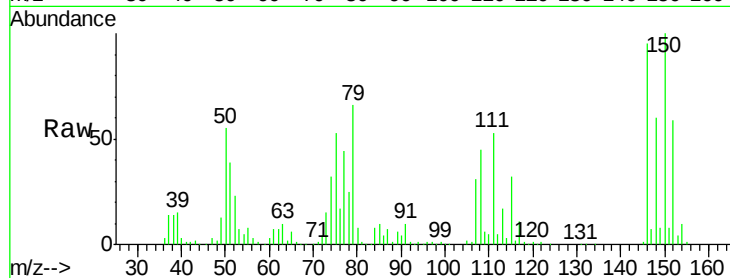
Tgt Ion: 79 Resp: 367611

Ion Ratio Lower Upper

79 100

108 67.5 68.4 102.6#

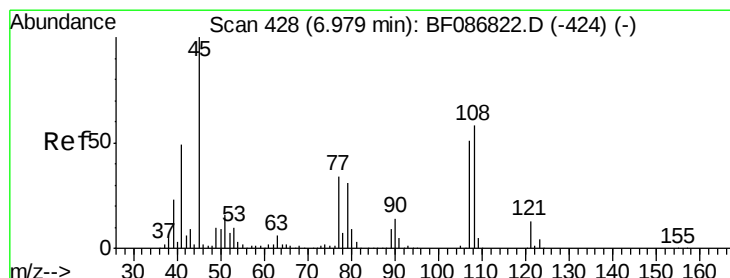
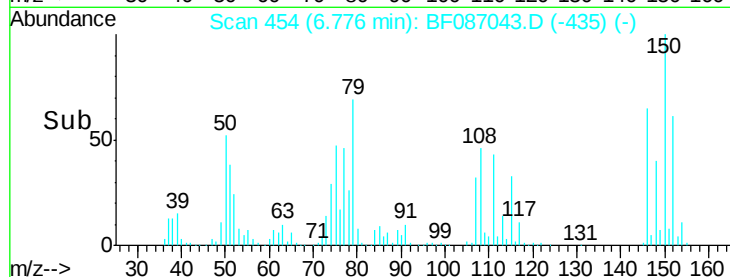
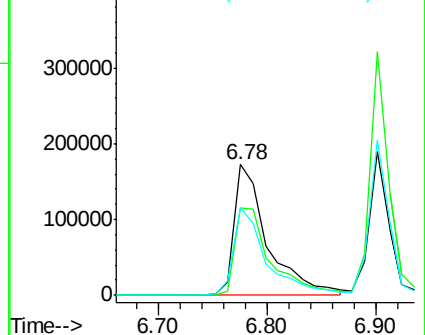
77 66.6 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.36 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

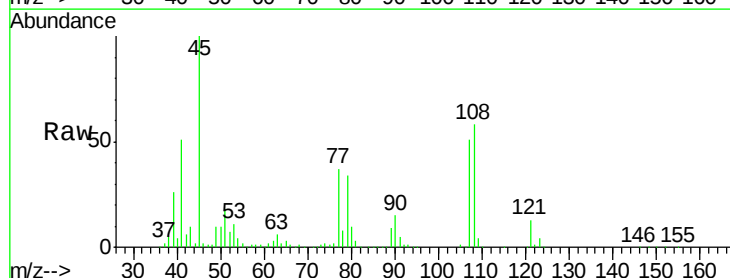
Tgt Ion: 45 Resp: 809650

Ion Ratio Lower Upper

45 100

77 36.6 0.0 36.4#

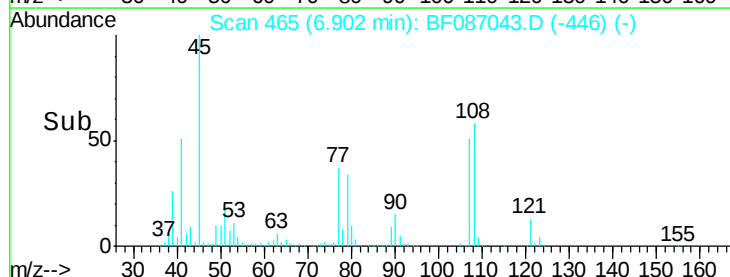
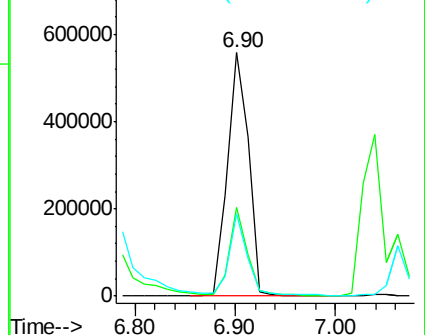
79 33.9 0.0 33.4#

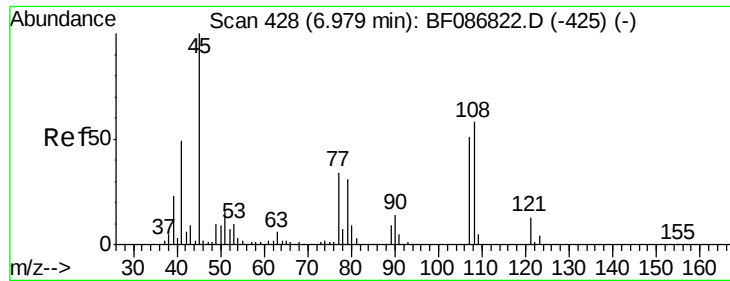


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.99 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

Tgt Ion:107 Resp: 334664

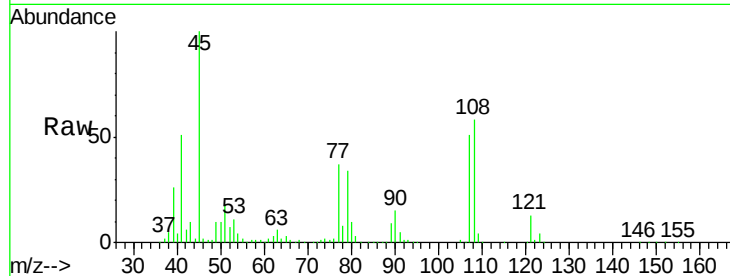
Ion Ratio Lower Upper

107 100

108 113.4 93.7 140.5

77 72.2 33.4 50.0#

79 66.7 34.3 51.5#

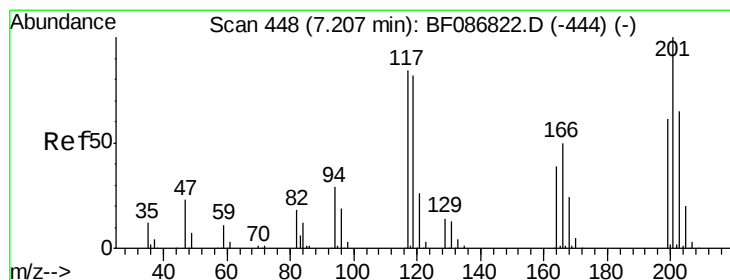
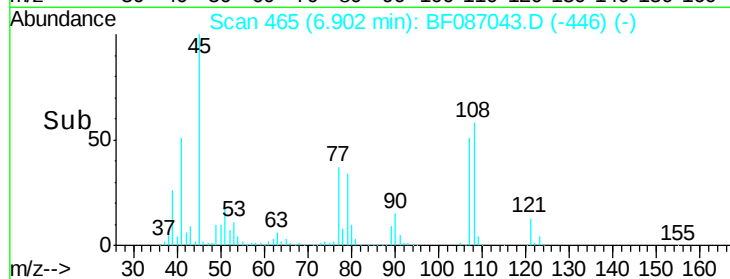
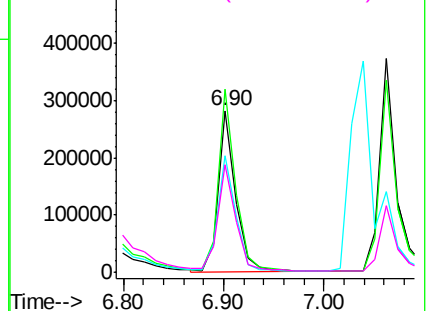


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.55 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

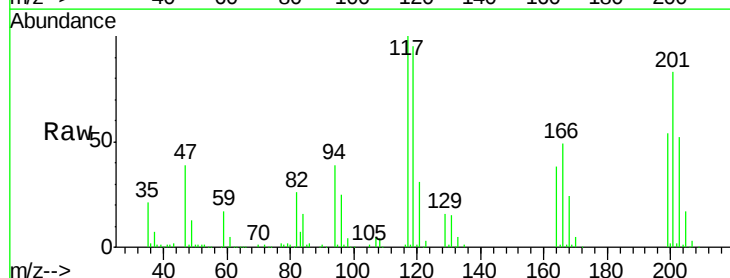
Tgt Ion:117 Resp: 164227

Ion Ratio Lower Upper

117 100

119 95.4 76.5 114.7

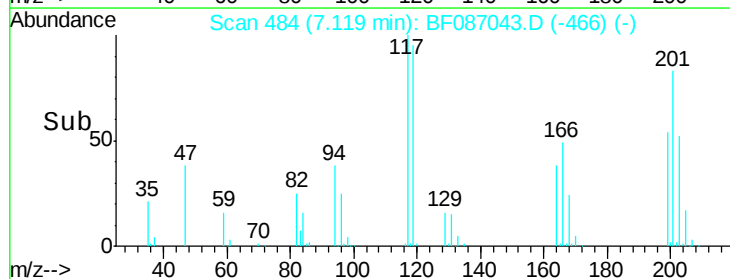
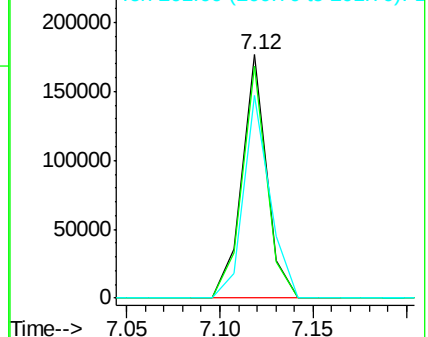
201 83.5 63.0 94.6

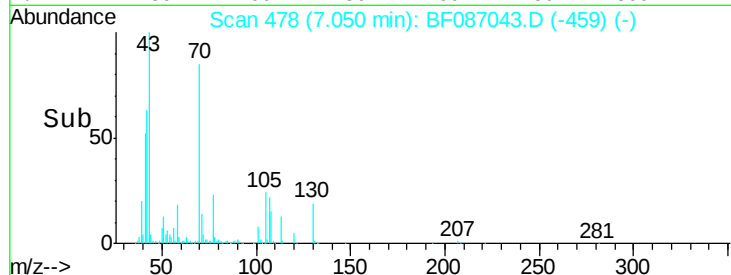
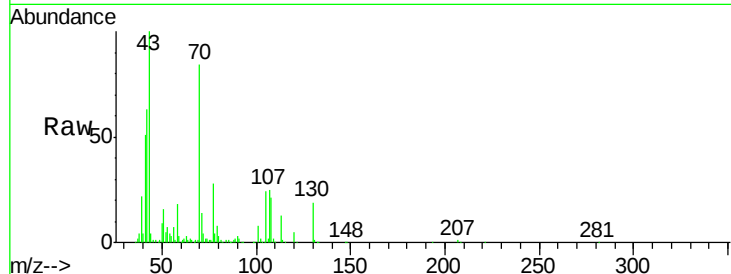
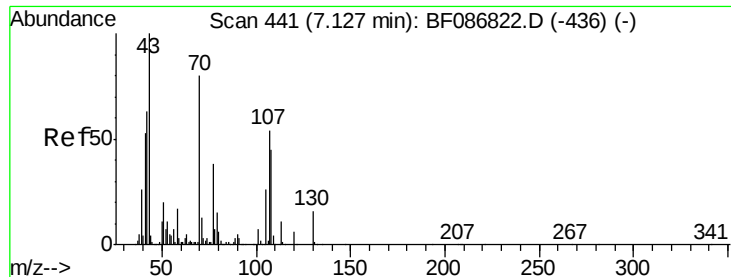


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

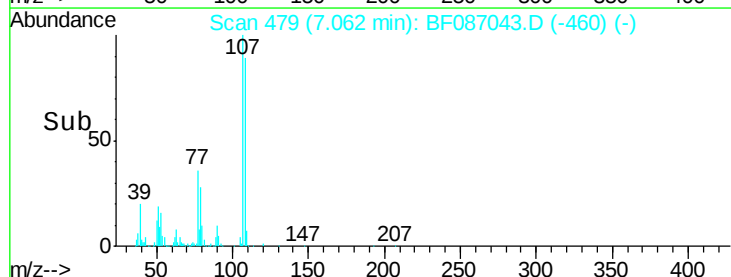
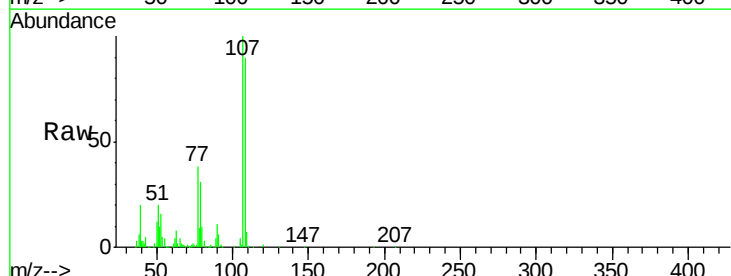
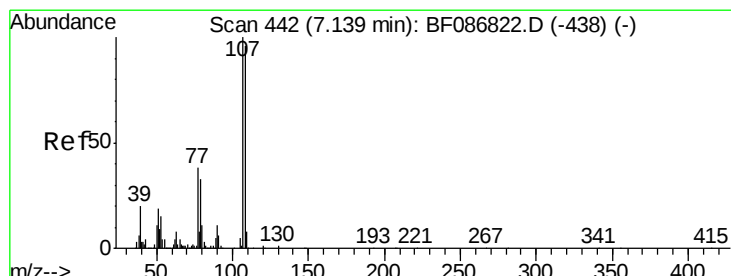
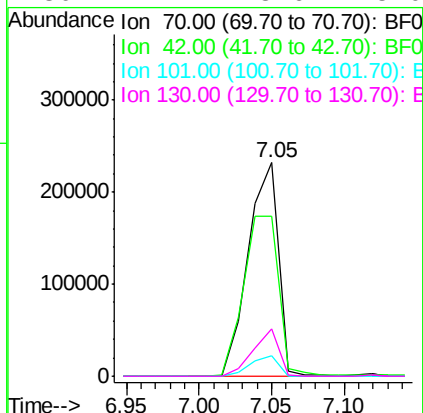




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.18 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

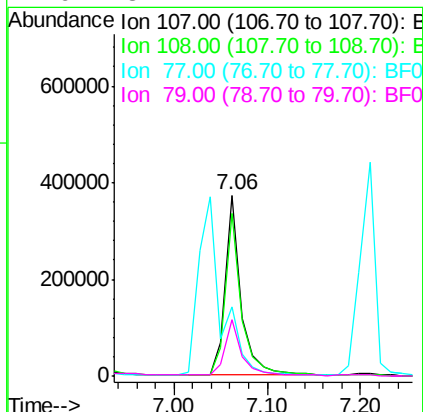
Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

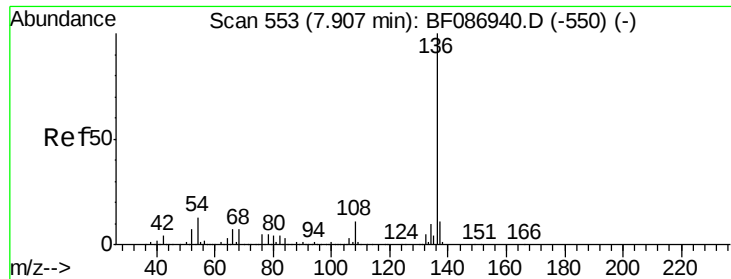
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.7  | 43.1  | 64.7# |
| 101     | 9.8   | 8.1   | 12.1  |
| 130     | 22.1  | 18.6  | 28.0  |



#20  
3+4-Methylphenols  
Concen: 41.46 ng  
RT: 7.06 min Scan# 479  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 89.9  | 68.5  | 108.5  |
| 77      | 38.0  | 101.6 | 141.6# |
| 79      | 31.2  | 7.4   | 47.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

Tgt Ion:136 Resp: 601379

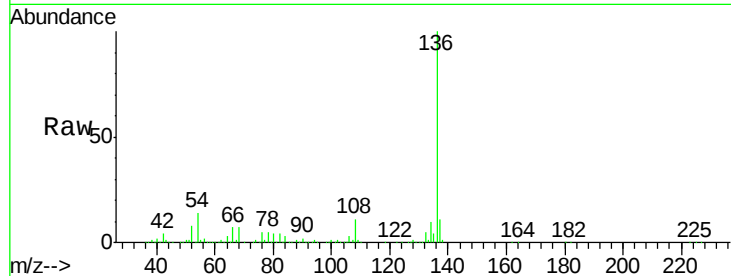
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.1 5.0 7.4#

68 7.2 4.4 6.6#

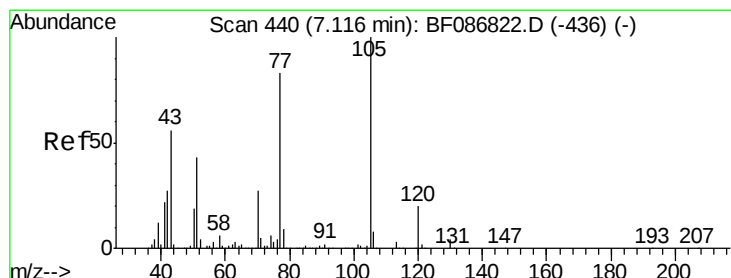
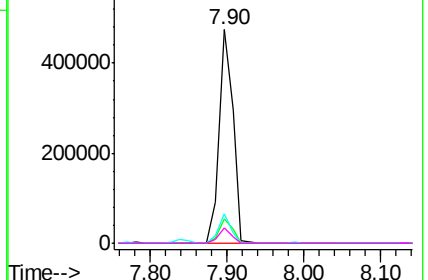
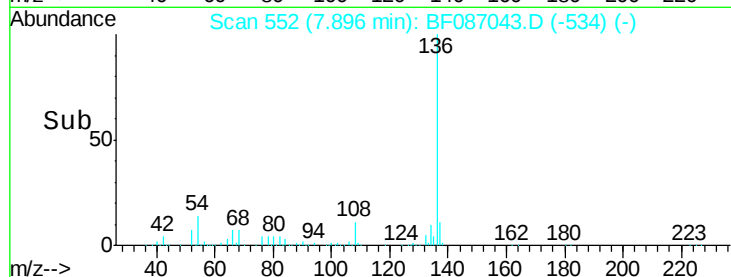


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.80 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:105 Resp: 593737

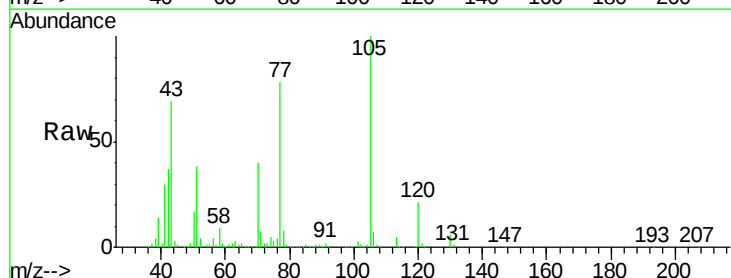
Ion Ratio Lower Upper

105 100

71 6.6 4.8 7.2

51 37.7 32.6 49.0

120 20.7 16.5 24.7

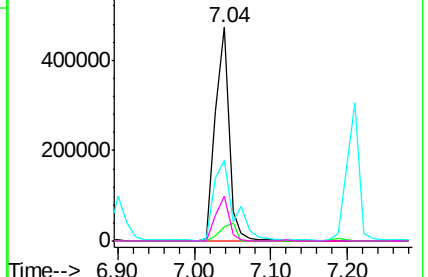
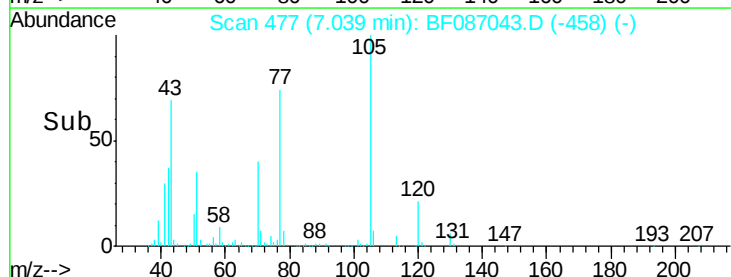


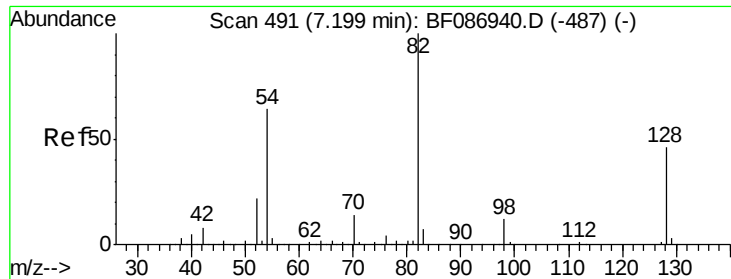
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

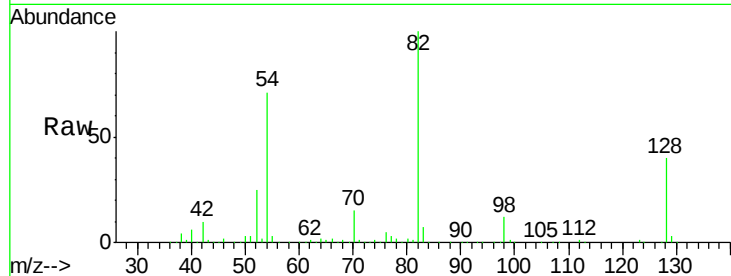




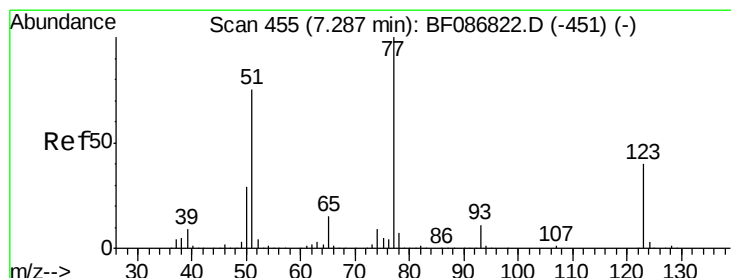
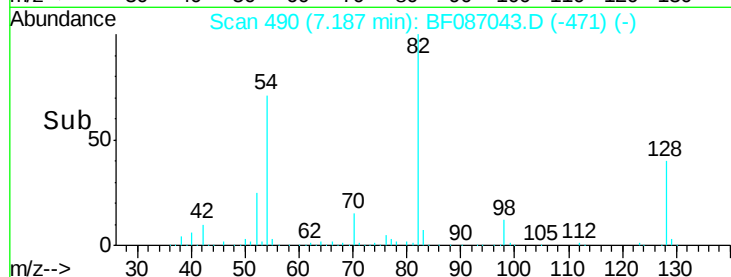
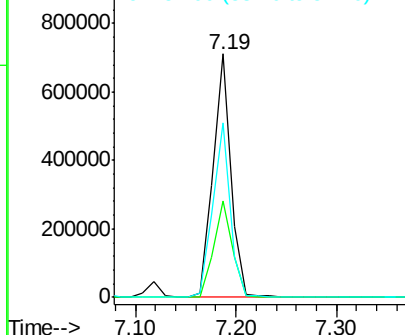
#23  
 Nitrobenzene-d5  
 Concen: 73.79 ng  
 RT: 7.19 min Scan# 490  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Tgt Ion: 82 Resp: 883756  
 Ion Ratio Lower Upper  
 82 100  
 128 39.6 40.6 61.0#  
 54 71.5 38.1 57.1#

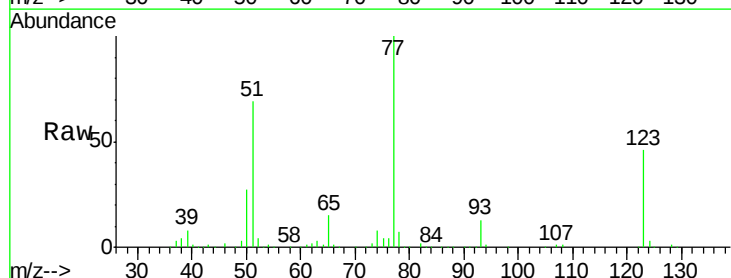


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

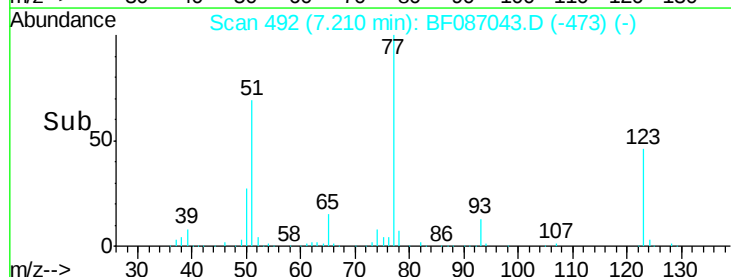
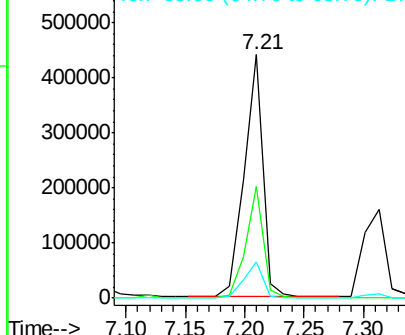


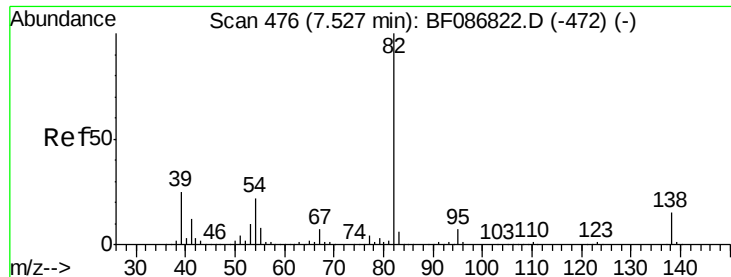
#24  
 Nitrobenzene  
 Concen: 39.53 ng  
 RT: 7.21 min Scan# 492  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion: 77 Resp: 487015  
 Ion Ratio Lower Upper  
 77 100  
 123 46.0 33.0 49.4  
 65 14.7 10.8 16.2



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





#25

Isophorone

Concen: 38.51 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

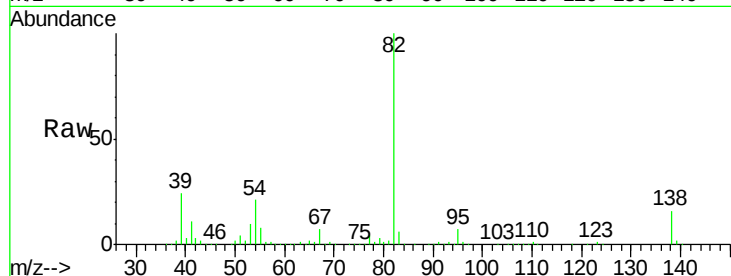
Tgt Ion: 82 Resp: 855765

Ion Ratio Lower Upper

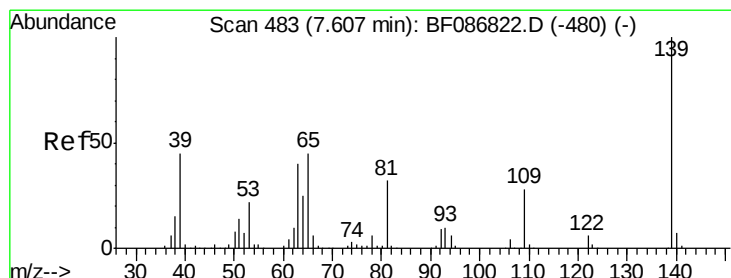
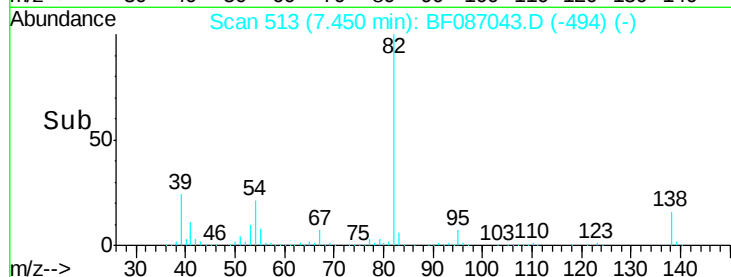
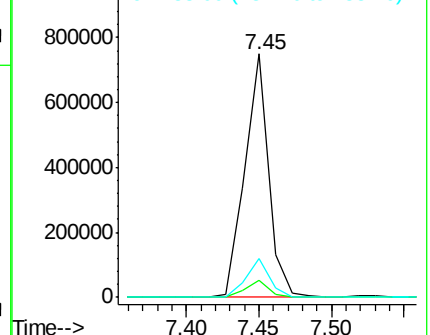
82 100

95 7.3 5.1 7.7

138 16.2 12.4 18.6



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



#26

2-Nitrophenol

Concen: 38.74 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

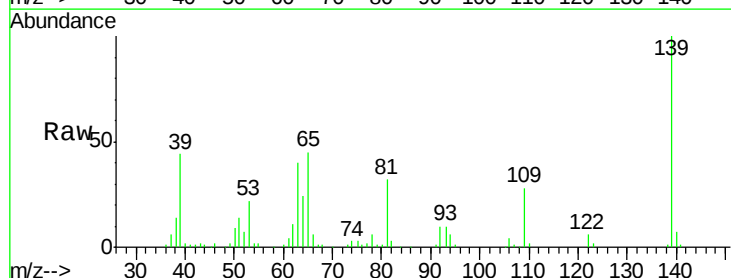
Tgt Ion: 139 Resp: 209806

Ion Ratio Lower Upper

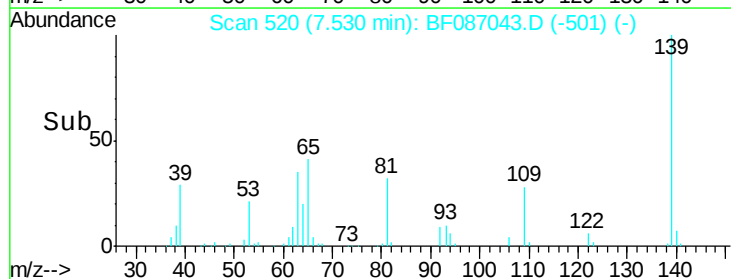
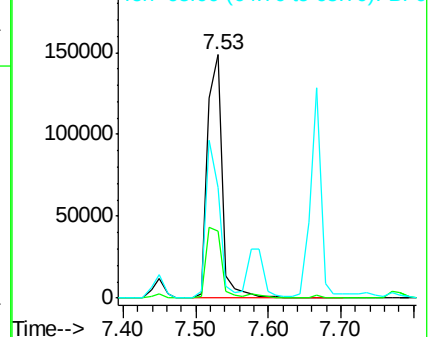
139 100

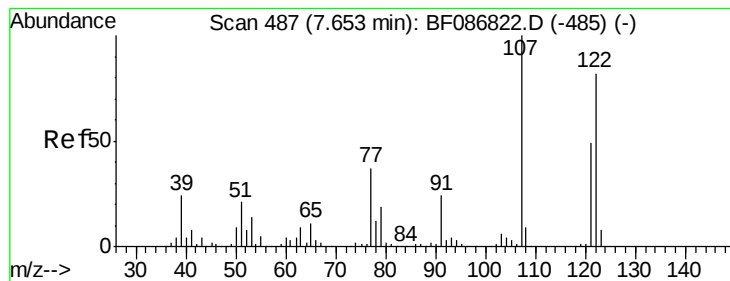
109 27.7 19.5 29.3

65 45.4 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 40.16 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.07 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

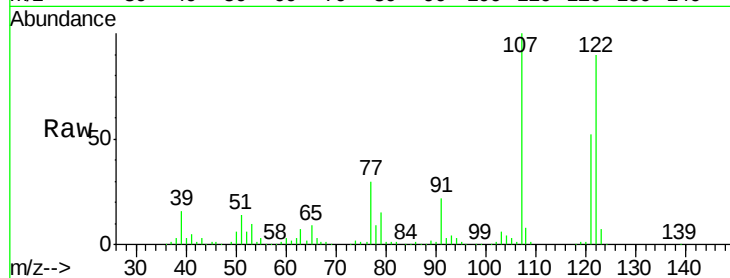
Tgt Ion:122 Resp: 370460

Ion Ratio Lower Upper

122 100

107 111.6 82.0 123.0

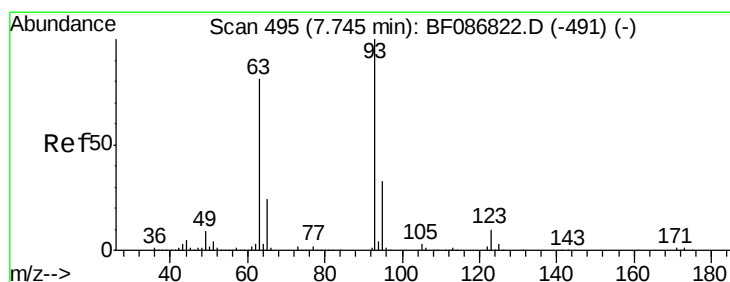
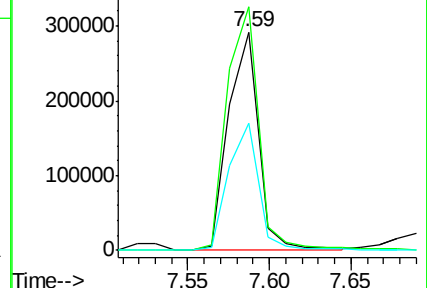
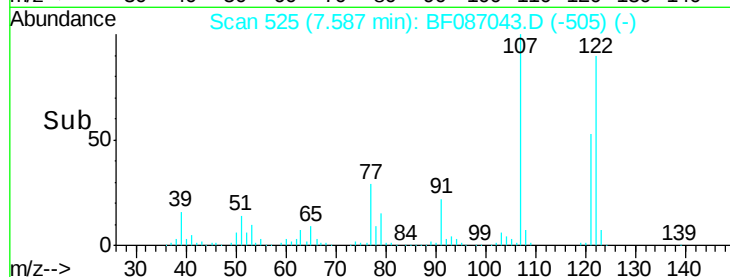
121 58.6 46.1 69.1



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: 43.94 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

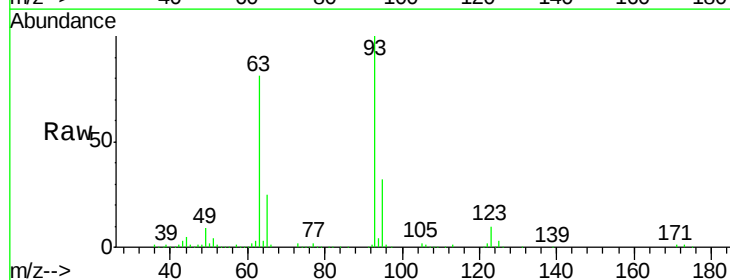
Tgt Ion: 93 Resp: 526689

Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

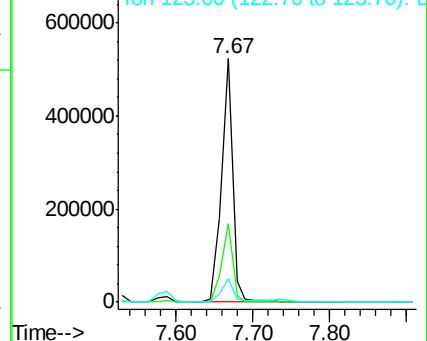
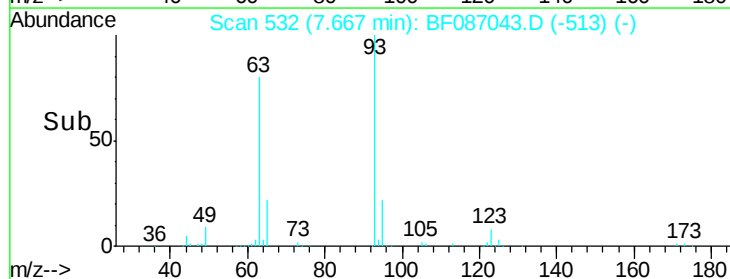
123 9.9 9.5 14.3

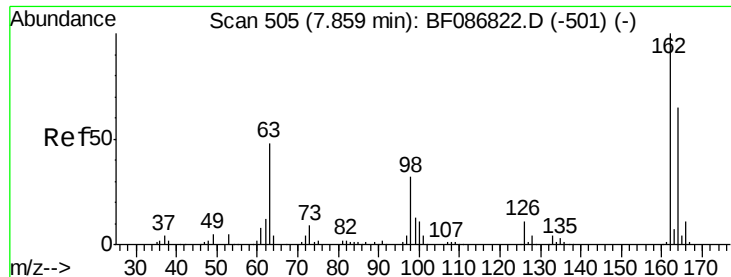


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

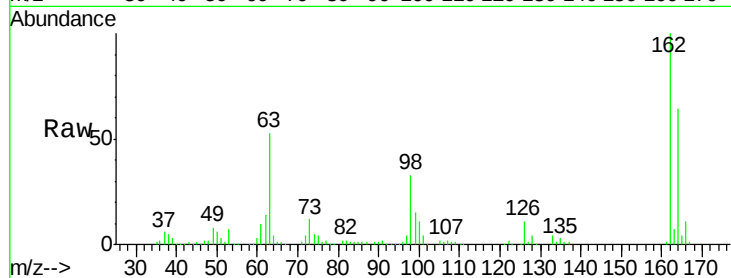




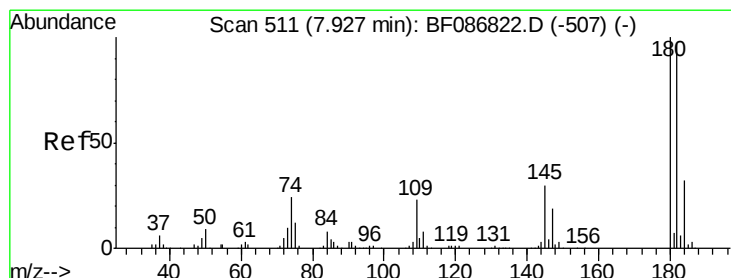
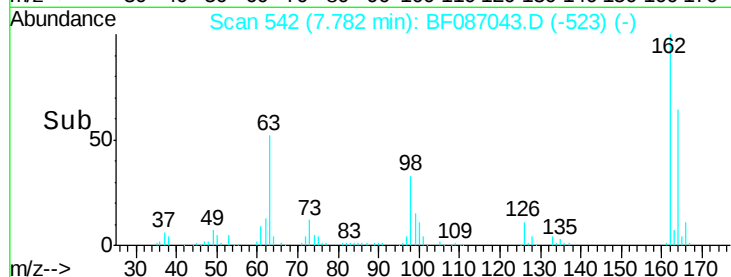
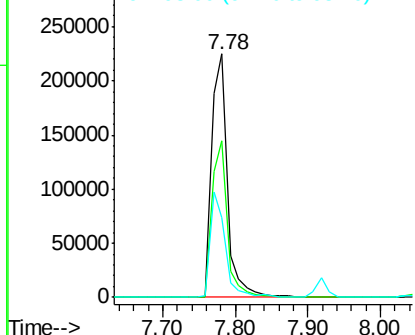
#29  
 2,4-Dichlorophenol  
 Concen: 41.59 ng  
 RT: 7.78 min Scan# 542  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.4  | 42.2  | 82.2  |
| 98      | 32.9  | 19.0  | 59.0  |

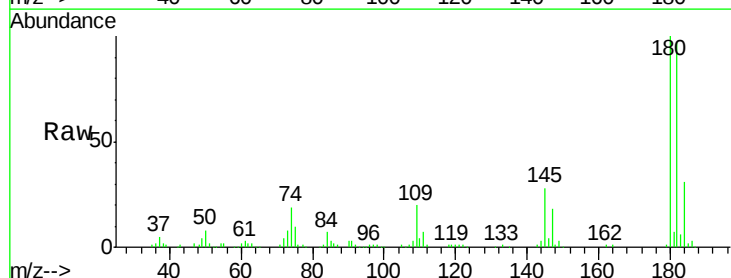


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

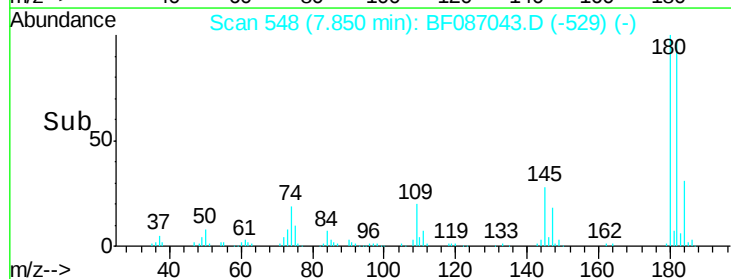
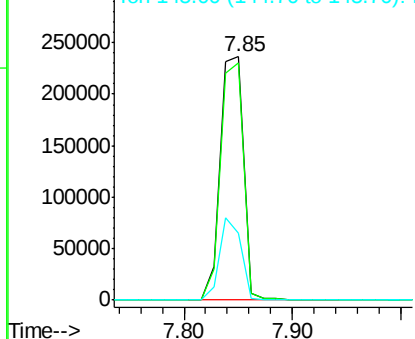


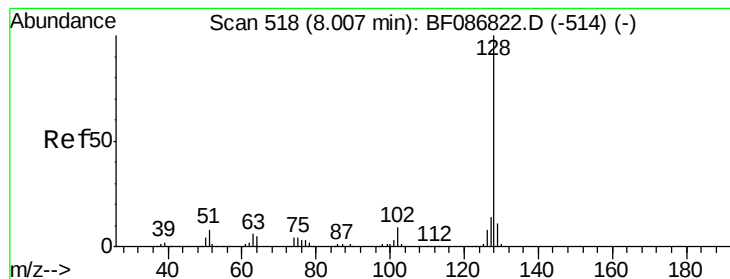
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.61 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 78.0  | 117.0 |
| 145     | 27.6  | 24.2  | 36.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.34 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

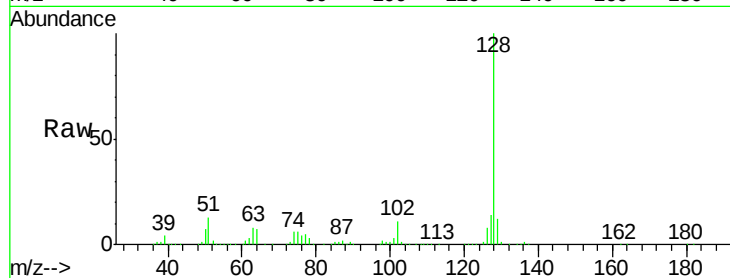
Tgt Ion:128 Resp: 1124764

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

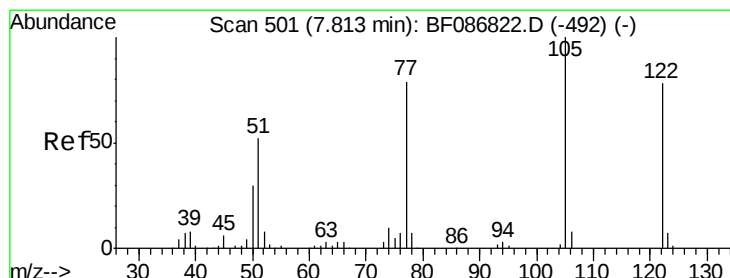
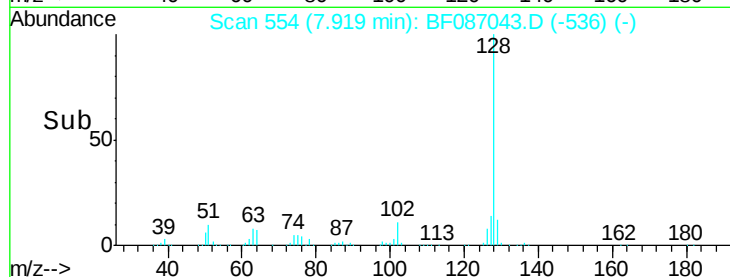
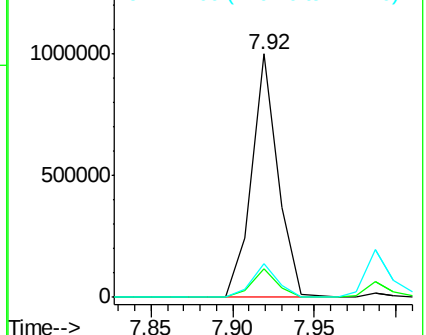
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.81 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

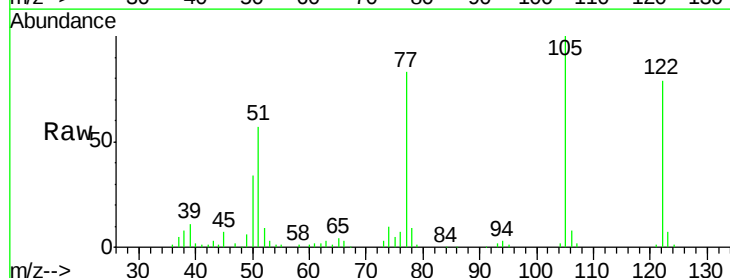
Tgt Ion:122 Resp: 204840

Ion Ratio Lower Upper

122 100

105 127.0 92.6 132.6

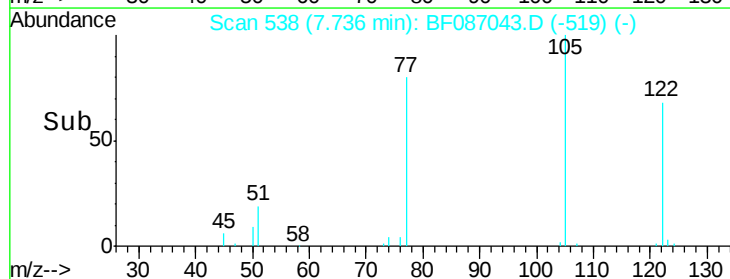
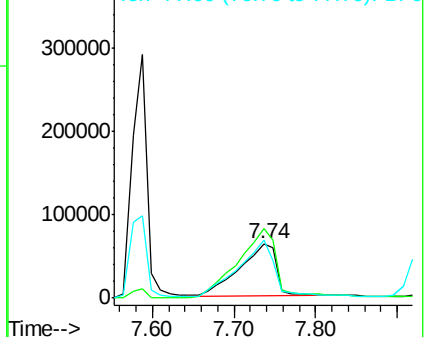
77 105.9 60.0 100.0#

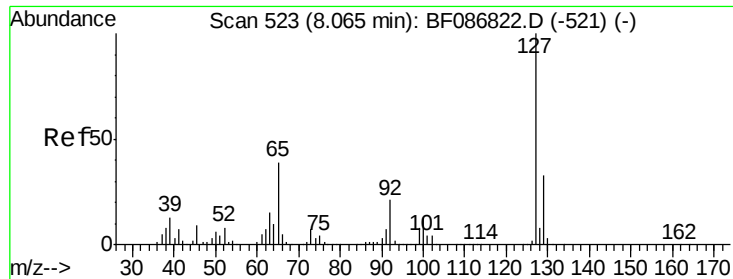


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

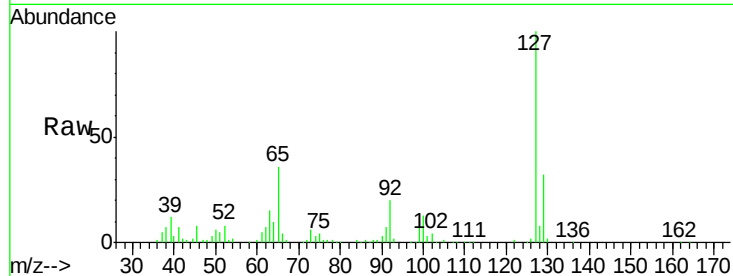




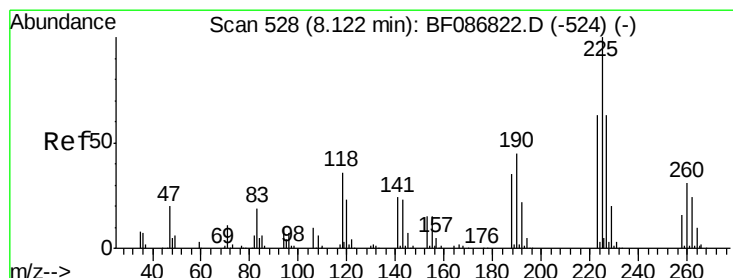
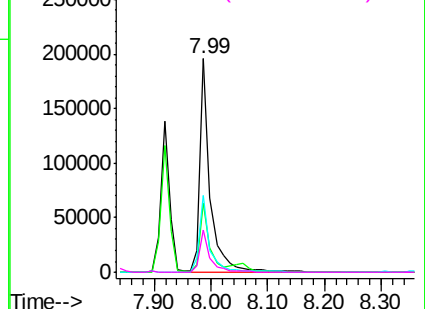
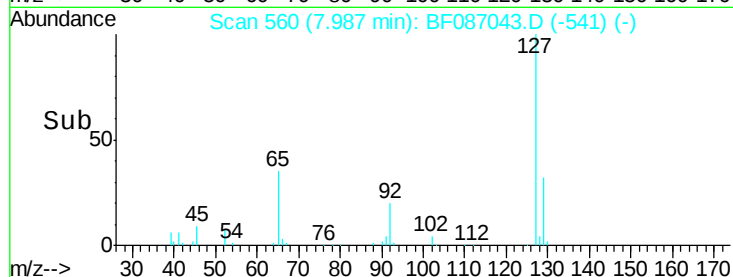
#33  
4-Chloroaniline  
Concen: 20.48 ng  
RT: 7.99 min Scan# 560  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 239750 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.2  | 39.4   |
| 65       | 36.1  | 23.0  | 34.4   |
| 92       | 20.0  | 15.1  | 22.7   |

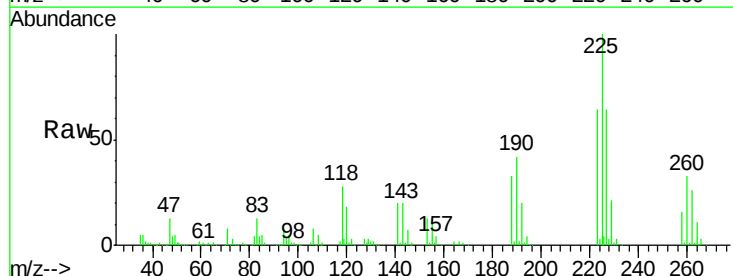


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

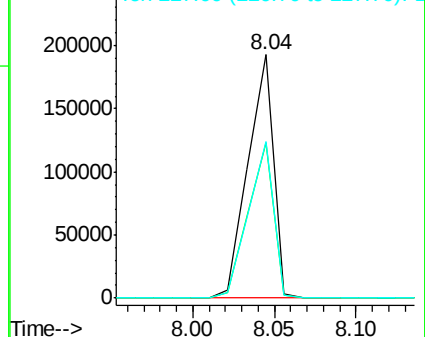
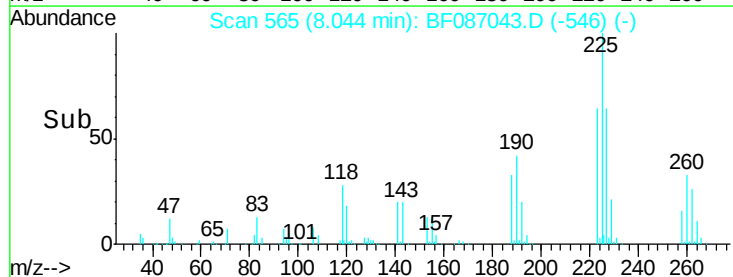


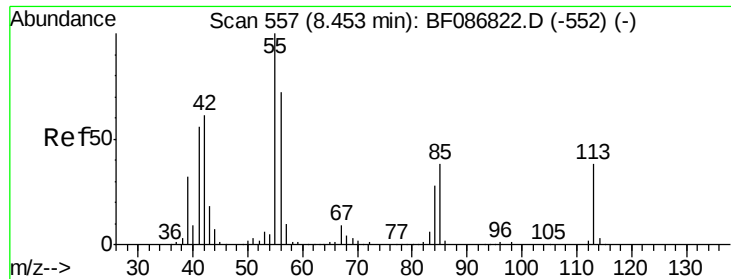
#34  
Hexachlorobutadiene  
Concen: 39.78 ng  
RT: 8.04 min Scan# 565  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 209537 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 51.5  | 77.3   |
| 227      | 64.2  | 52.2  | 78.2   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.66 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

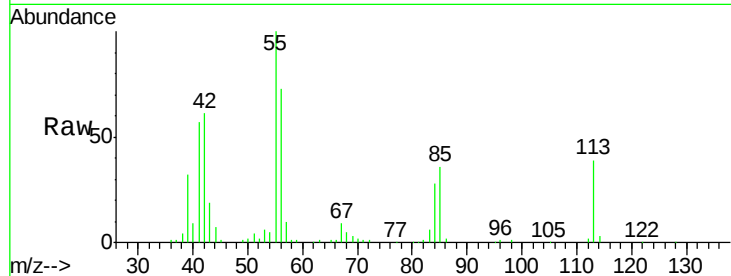
Tgt Ion:113 Resp: 79173

Ion Ratio Lower Upper

113 100

55 254.9 162.0 202.0#

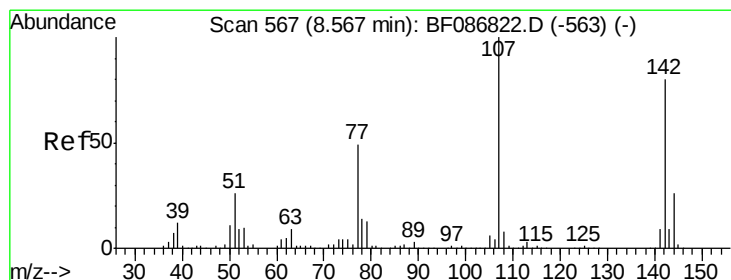
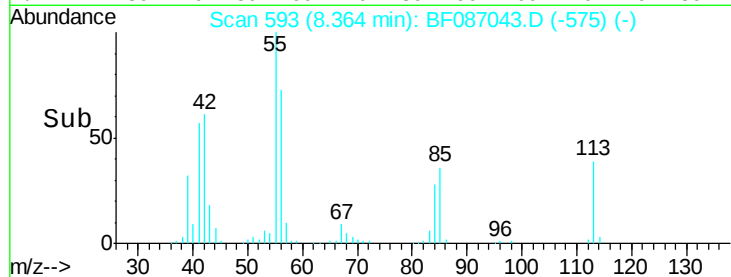
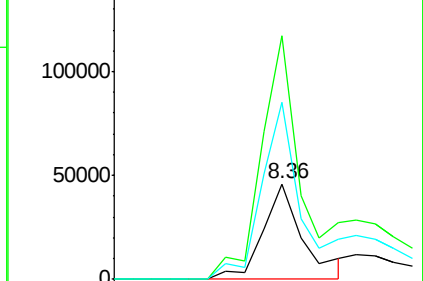
56 185.0 115.3 155.3#



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: 37.54 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

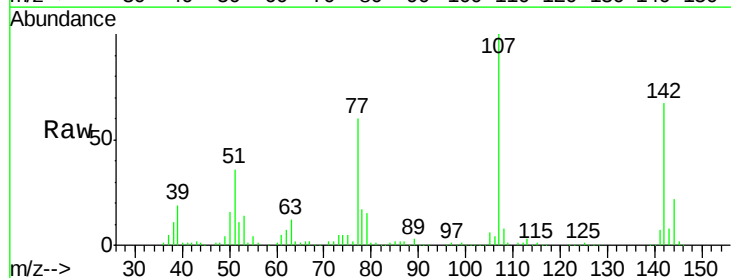
Tgt Ion:107 Resp: 369626

Ion Ratio Lower Upper

107 100

144 21.9 20.7 31.1

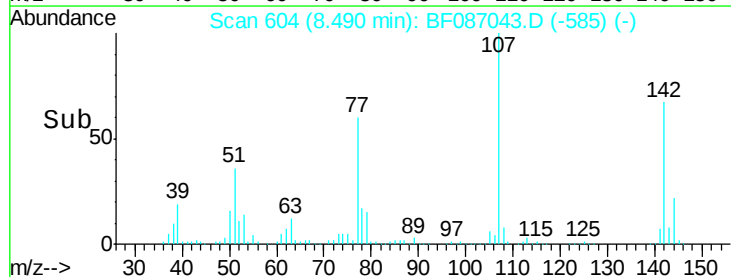
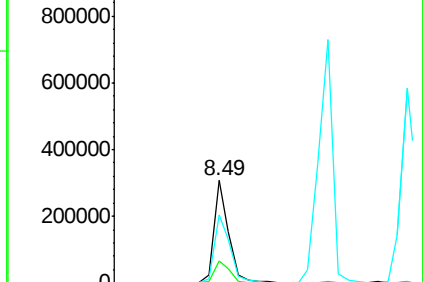
142 67.0 63.2 94.8

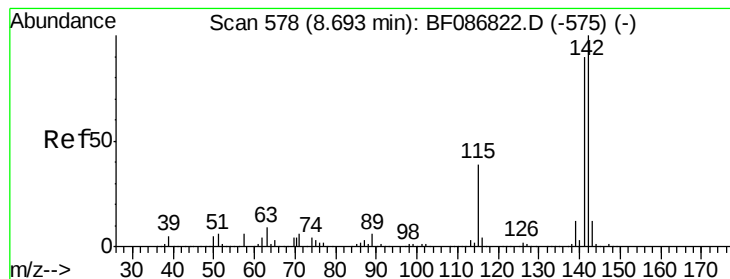


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.20 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

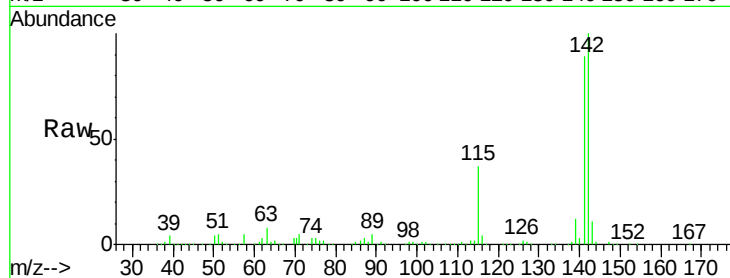
Tgt Ion:142 Resp: 795945

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

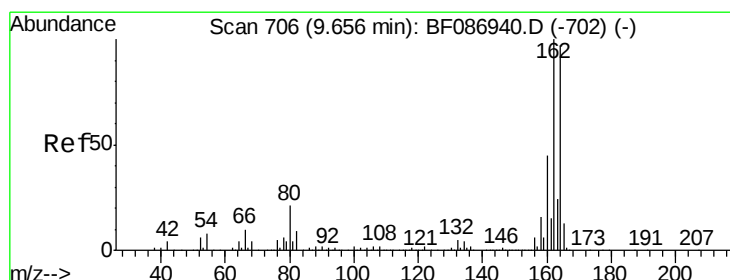
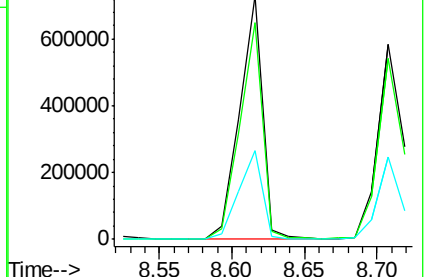
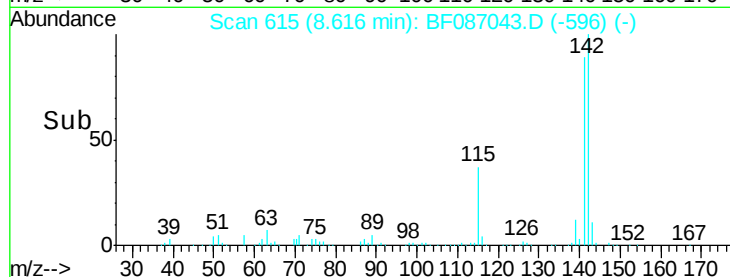
115 36.7 26.6 39.8



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: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

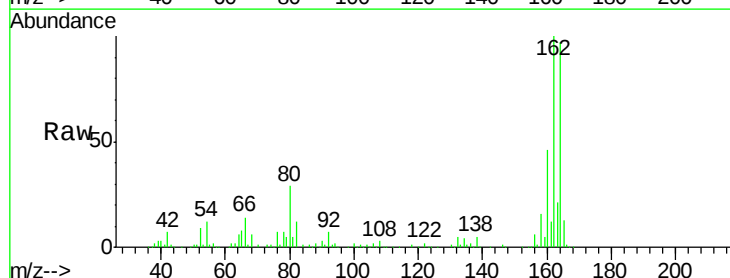
Tgt Ion:164 Resp: 285293

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

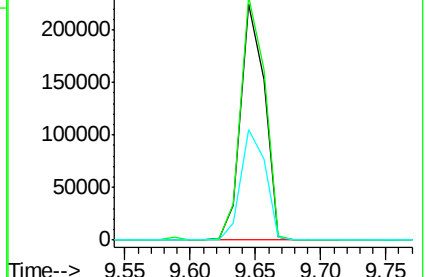
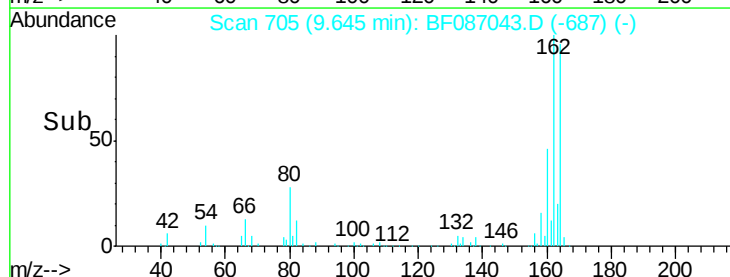
160 47.1 36.9 55.3

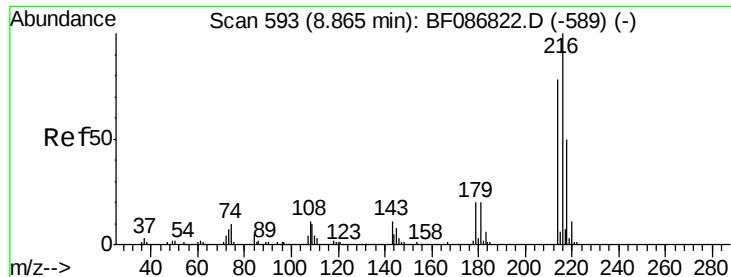


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

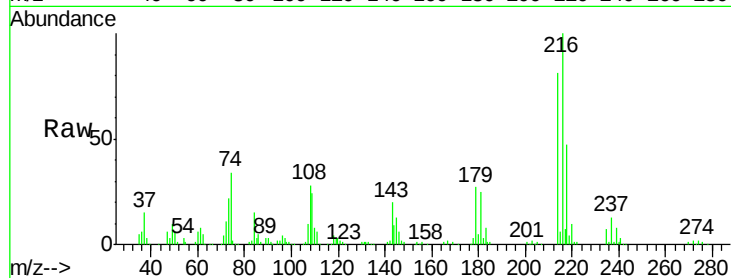




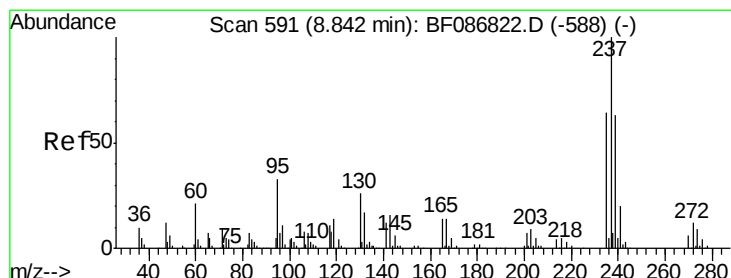
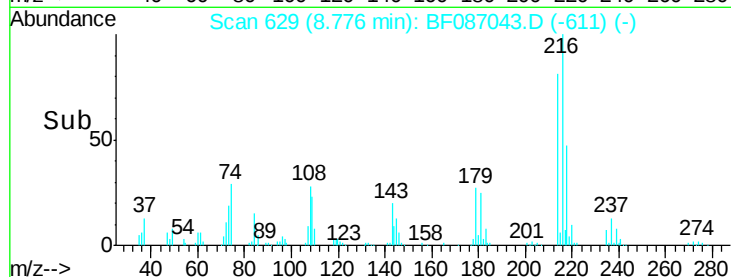
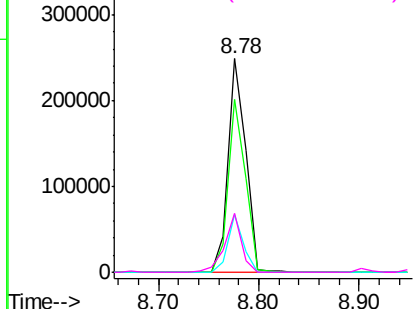
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.45 ng  
 RT: 8.78 min Scan# 629  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 302354 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.7  | 62.6  | 93.8   |
| 179      | 23.6  | 18.2  | 27.4   |
| 108      | 26.2  | 17.5  | 26.3   |

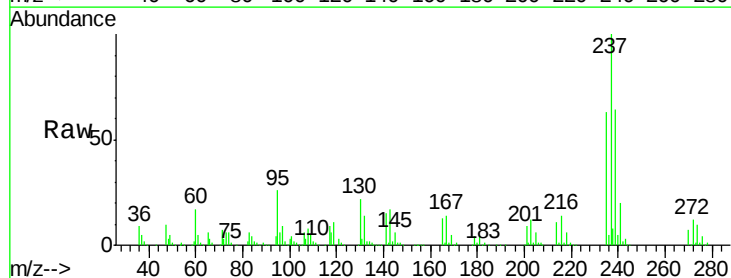


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

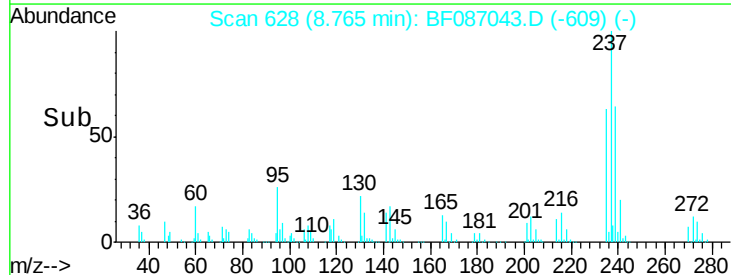
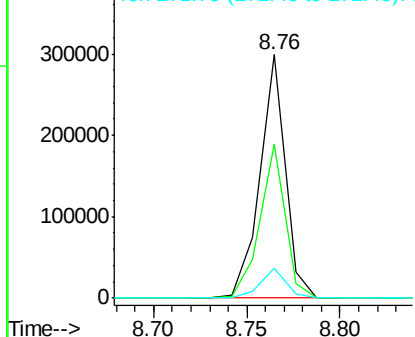


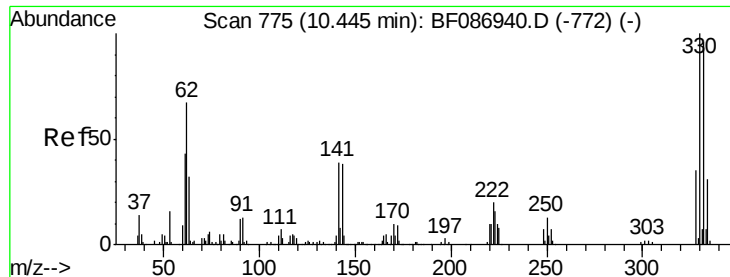
#40  
 Hexachlorocyclopentadiene  
 Concen: 71.05 ng  
 RT: 8.76 min Scan# 628  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 279725 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.0  | 47.2  | 87.2   |
| 272      | 12.2  | 0.0   | 31.1   |



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

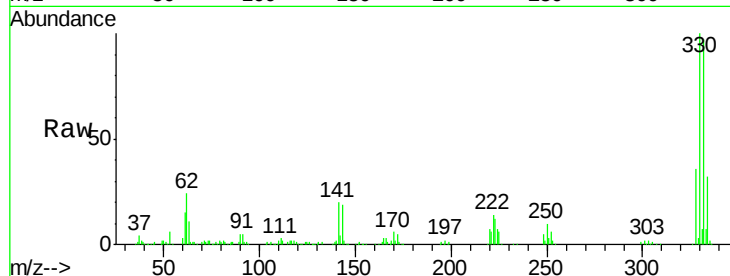




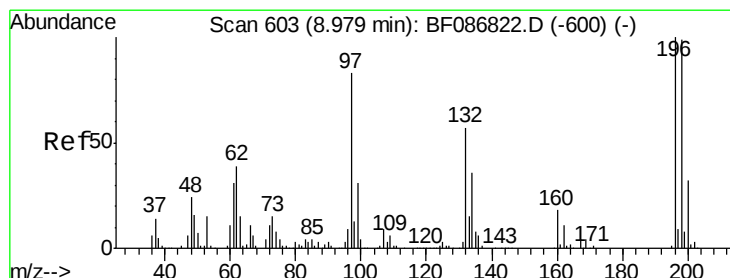
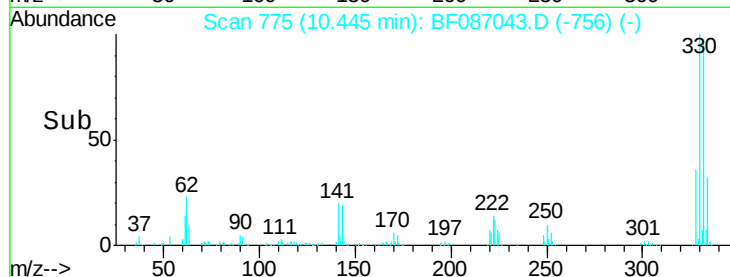
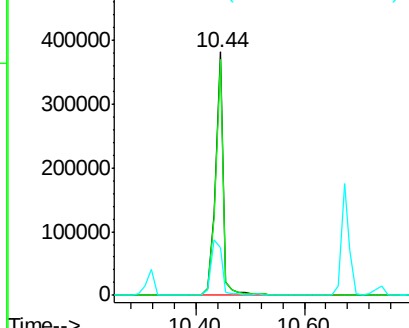
#41  
 2,4,6-Tribromophenol  
 Concen: 131.27 ng  
 RT: 10.44 min Scan# 775  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Tgt Ion:330 Resp: 396484  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 79.0 118.4  
 141 31.8 31.2 46.8

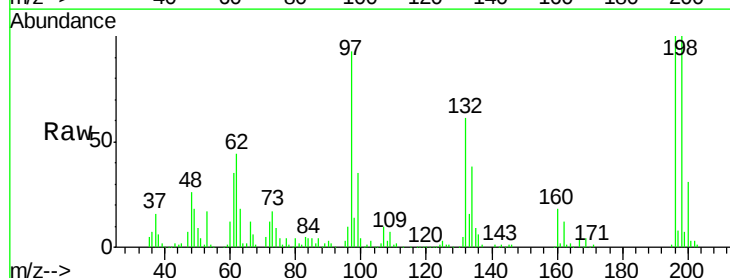


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

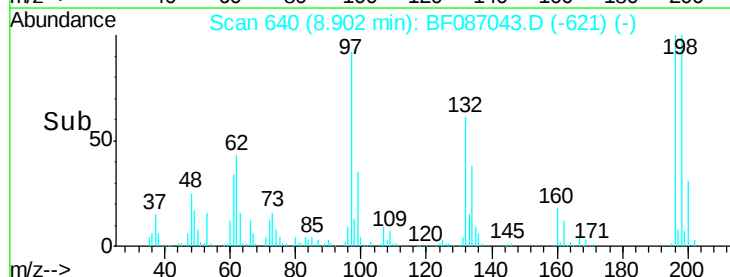
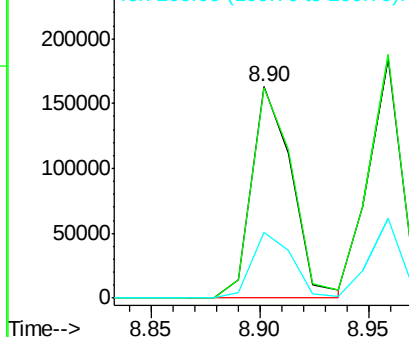


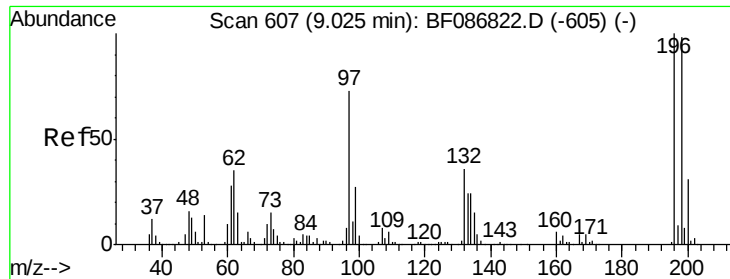
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.80 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:196 Resp: 209657  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 74.7 112.1  
 200 31.4 23.8 35.6



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

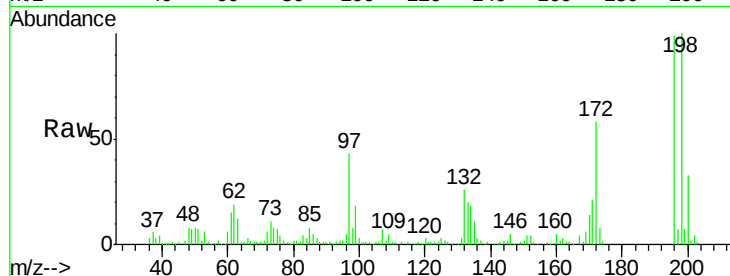




#43  
 2,4,5-Trichlorophenol  
 Concen: 36.99 ng  
 RT: 8.96 min Scan# 645  
 Delta R.T. -0.07 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.5 | 77.5  | 116.3 |
| 97      | 43.7  | 34.8  | 52.2  |
| 132     | 26.8  | 23.0  | 34.4  |



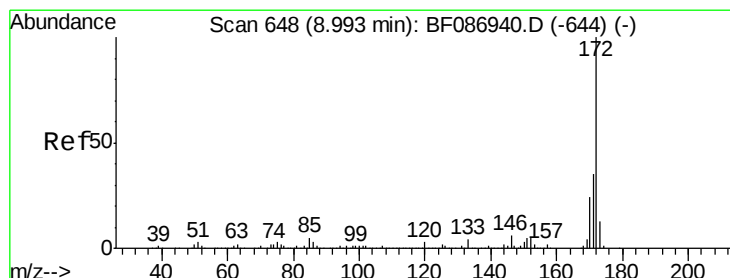
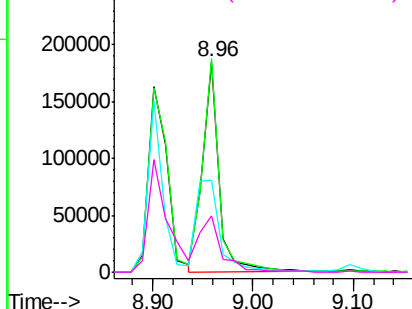
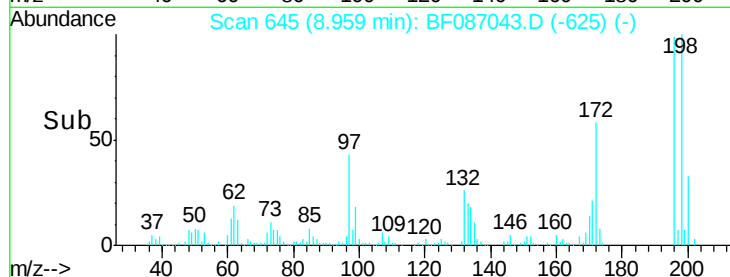
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

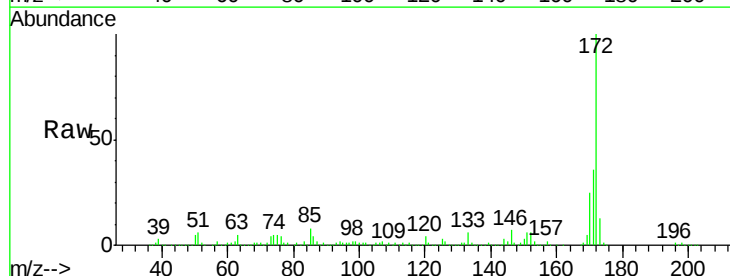
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 83.67 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.0  | 43.6  |
| 170     | 24.6  | 19.8  | 29.8  |

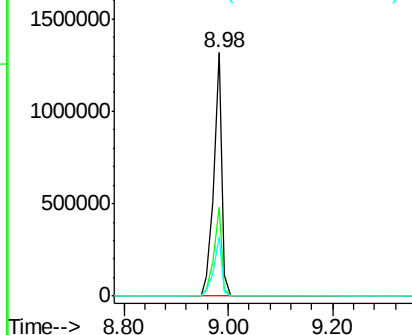
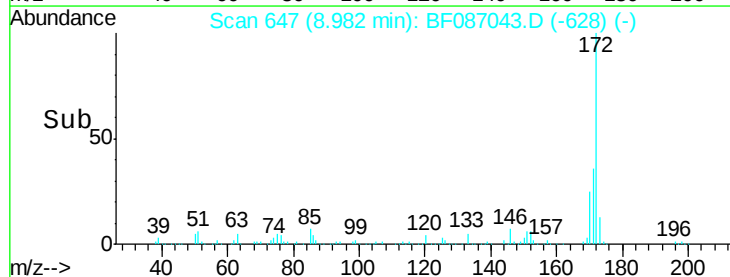


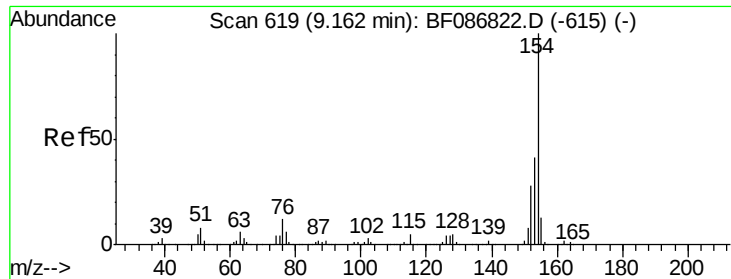
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

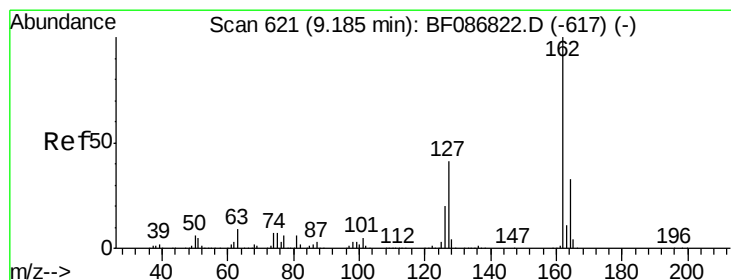
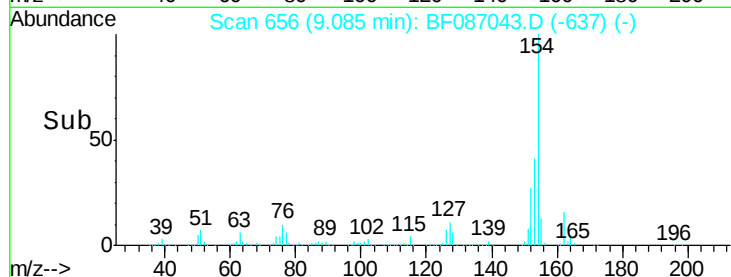
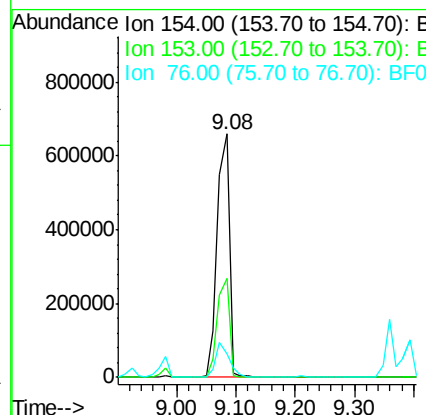
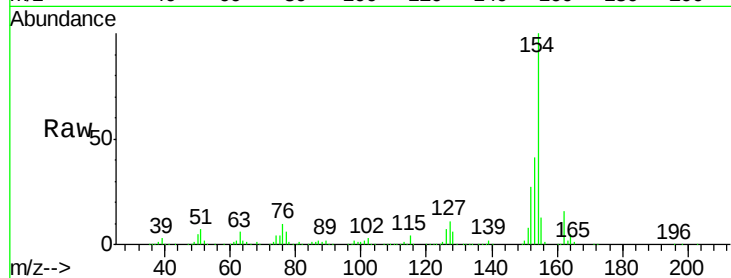




#45  
 1,1'-Biphenyl  
 Concen: 41.37 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

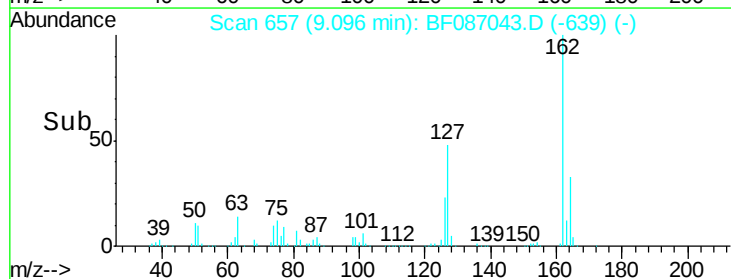
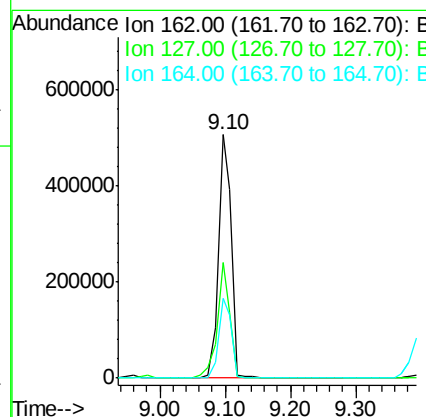
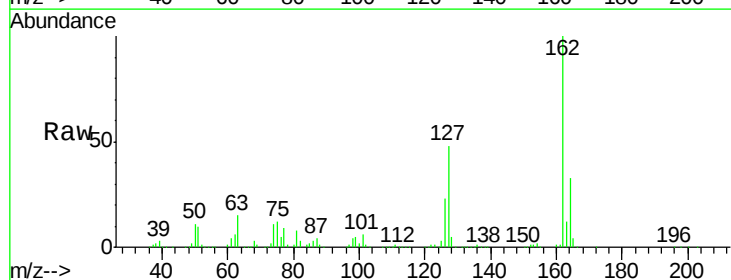
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

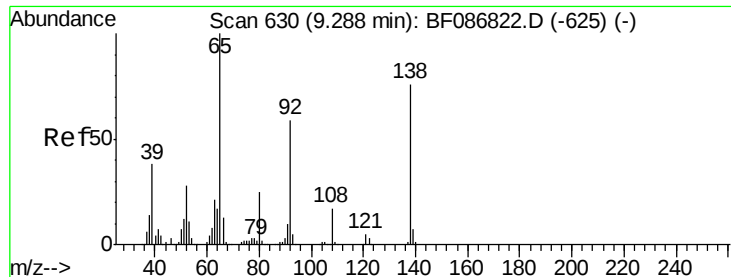
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 20.3  | 60.3  |
| 76      | 9.6   | 0.0   | 30.2  |



#46  
 2-Chloronaphthalene  
 Concen: 39.65 ng  
 RT: 9.10 min Scan# 657  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 47.5  | 31.8  | 47.6  |
| 164     | 32.5  | 27.0  | 40.6  |

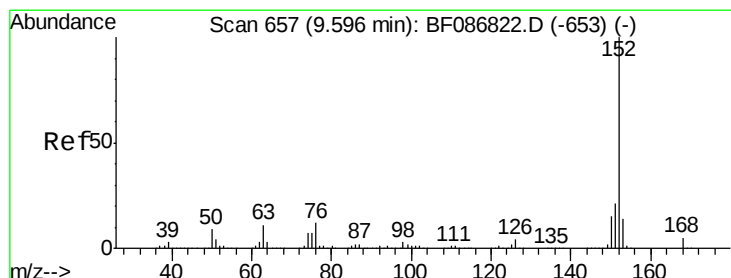
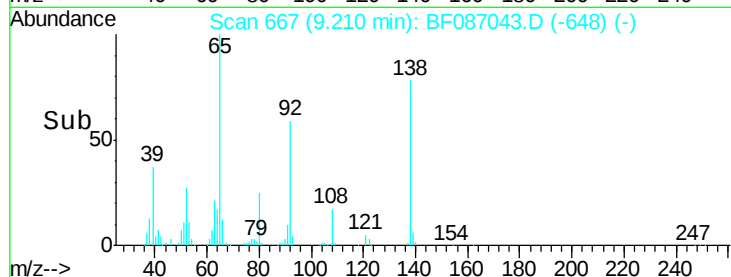
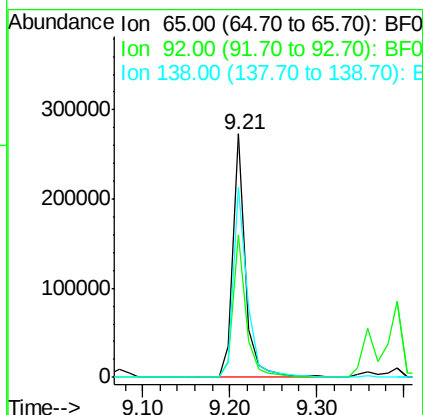
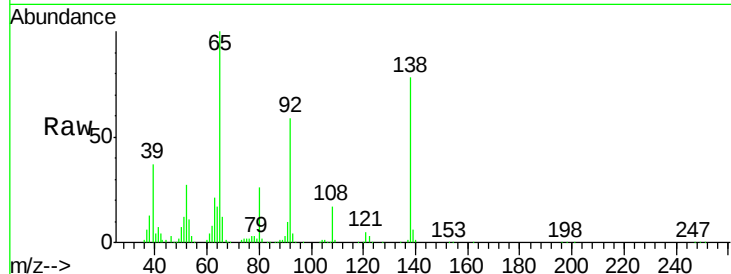




#47  
 2-Nitroaniline  
 Concen: 41.88 ng  
 RT: 9.21 min Scan# 667  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

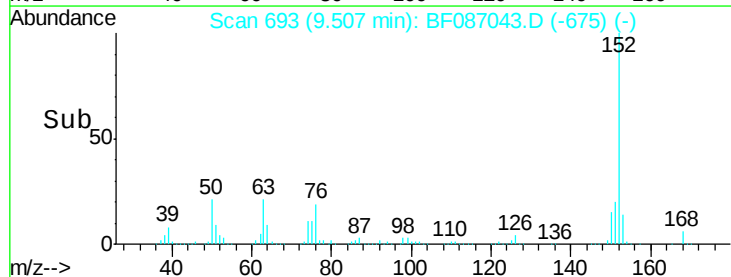
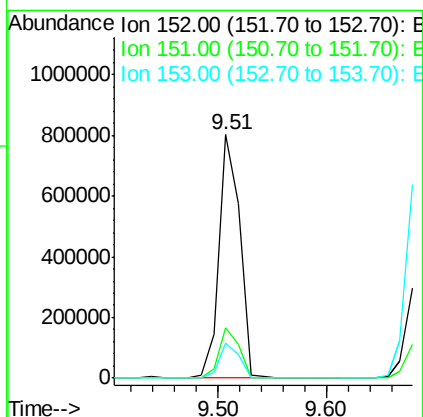
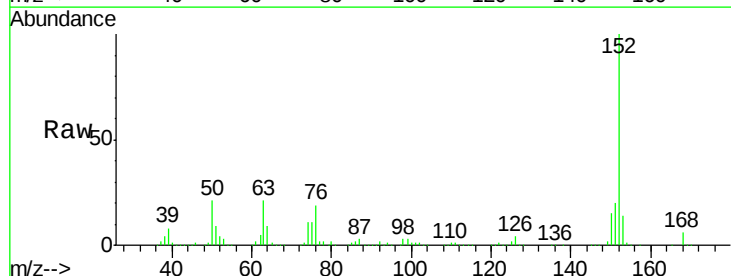
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

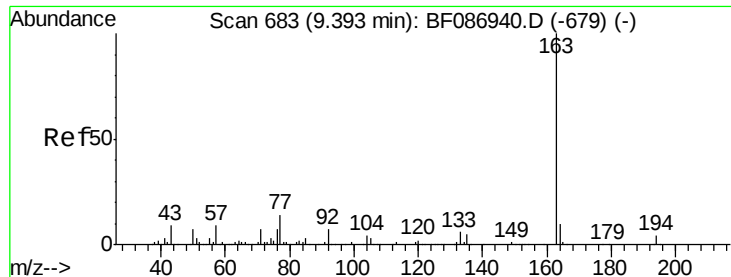
Tgt Ion: 65 Resp: 272123  
 Ion Ratio Lower Upper  
 65 100  
 92 58.7 57.4 86.2  
 138 77.8 90.1 135.1#



#48  
 Acenaphthylene  
 Concen: 40.84 ng  
 RT: 9.51 min Scan# 693  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion: 152 Resp: 1067940  
 Ion Ratio Lower Upper  
 152 100  
 151 20.5 16.8 25.2  
 153 14.4 10.9 16.3





#49

Dimethylphthalate

Concen: 40.21 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

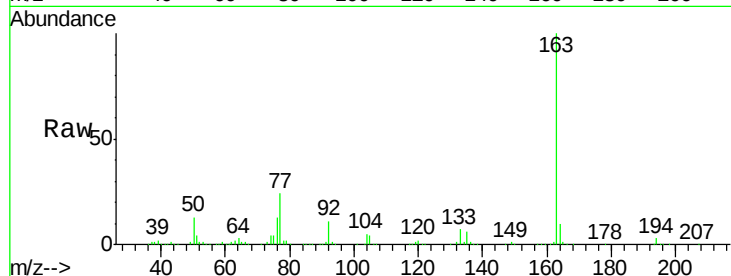
Tgt Ion:163 Resp: 875242

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

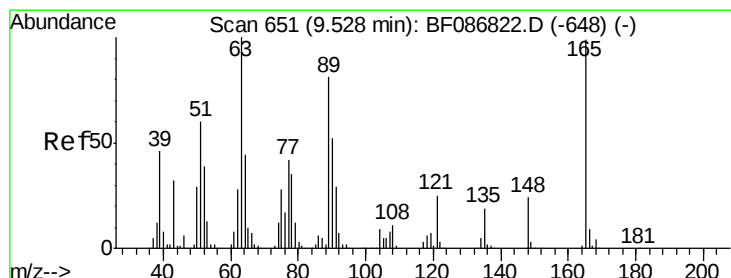
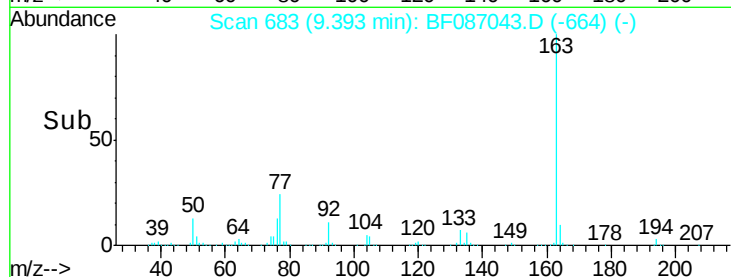
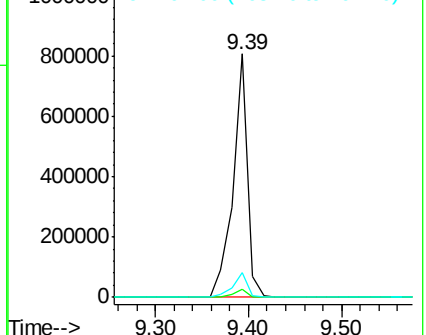
164 10.3 8.2 12.4



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: 39.36 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

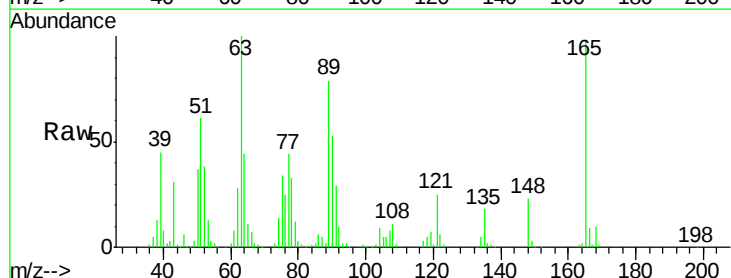
Tgt Ion:165 Resp: 180291

Ion Ratio Lower Upper

165 100

63 101.6 51.8 77.8#

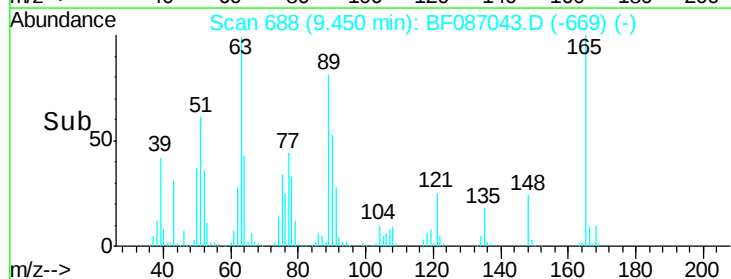
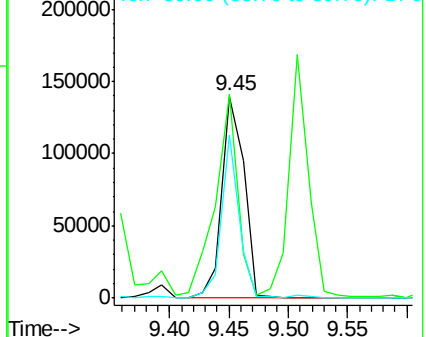
89 80.7 50.7 76.1#

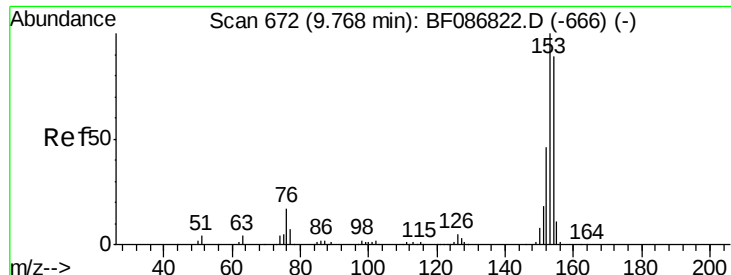


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.15 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

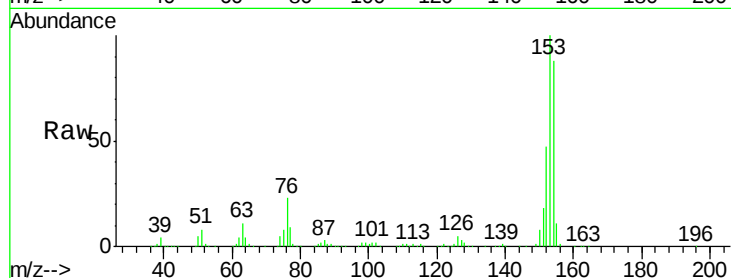
Tgt Ion:154 Resp: 636898

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

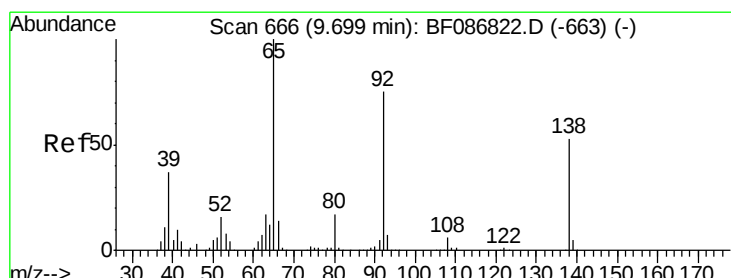
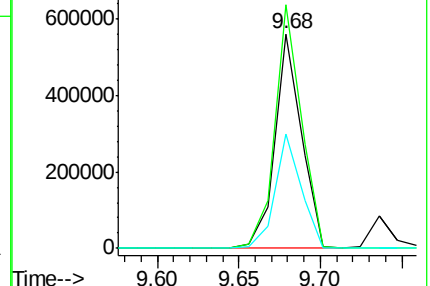
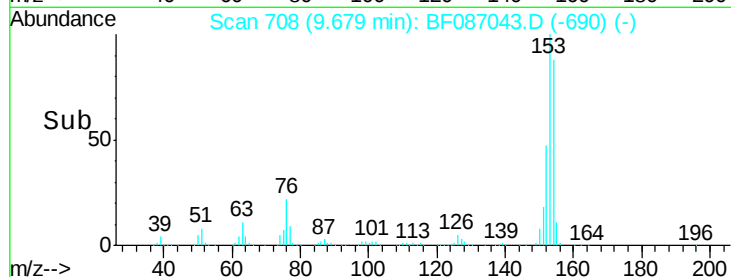
152 53.2 43.4 65.0



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: 26.20 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

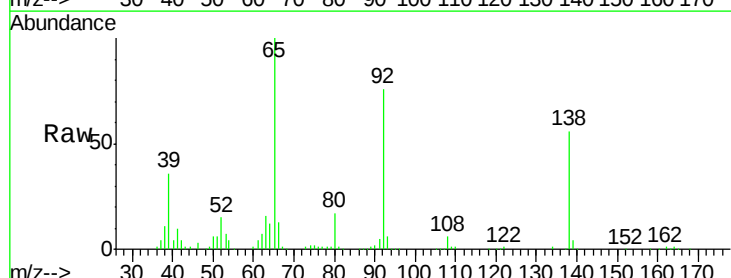
Tgt Ion:138 Resp: 126321

Ion Ratio Lower Upper

138 100

108 11.6 7.8 11.6

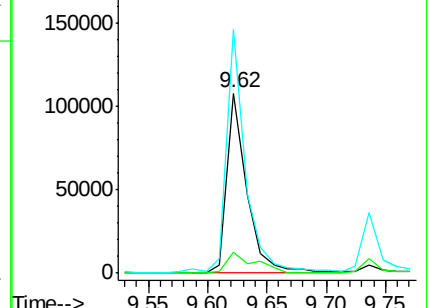
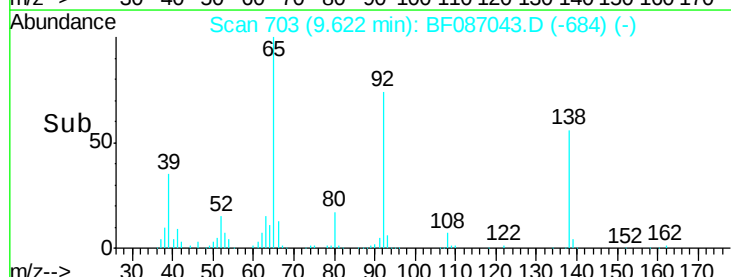
92 135.5 87.8 131.8#

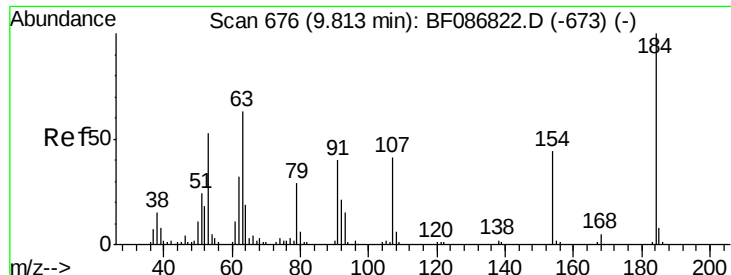


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

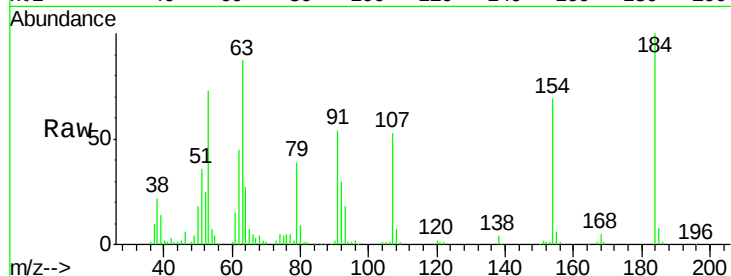




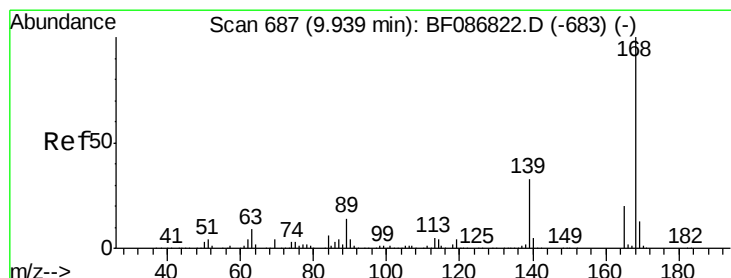
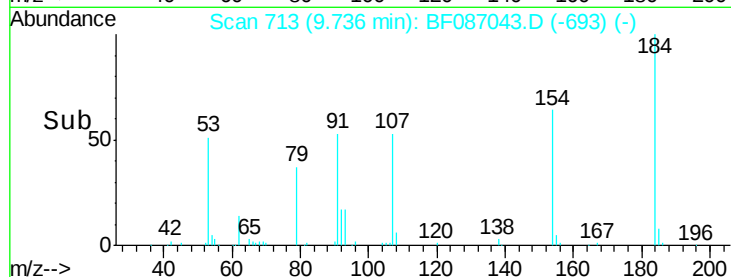
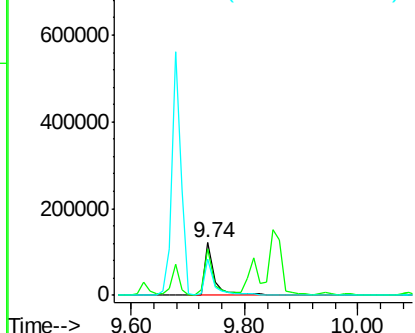
#53  
 2,4-Dinitrophenol  
 Concen: 62.55 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Tgt Ion:184 Resp: 142085  
 Ion Ratio Lower Upper  
 184 100  
 63 87.3 55.8 83.8#  
 154 69.3 62.4 93.6

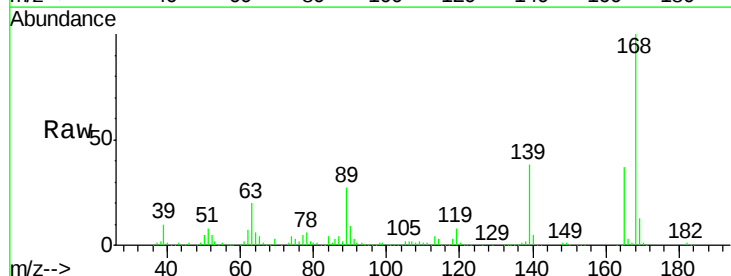


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

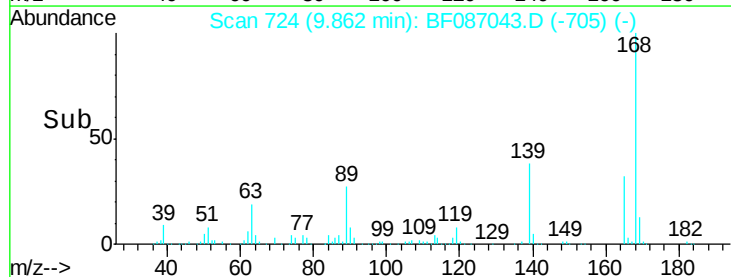
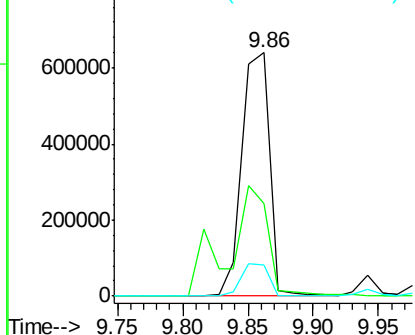


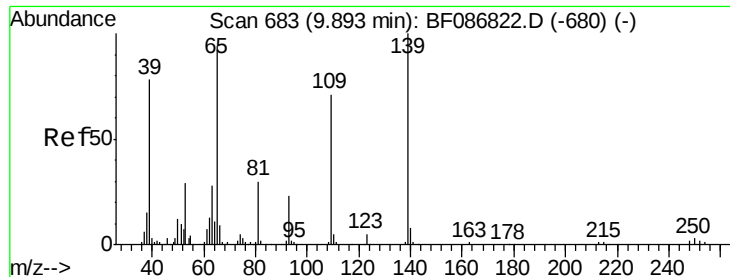
#54  
 Dibenzofuran  
 Concen: 45.04 ng  
 RT: 9.86 min Scan# 724  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:168 Resp: 940438  
 Ion Ratio Lower Upper  
 168 100  
 139 37.9 31.4 47.0  
 169 12.8 10.7 16.1



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

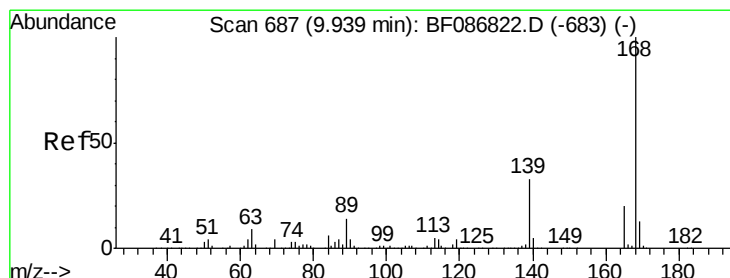
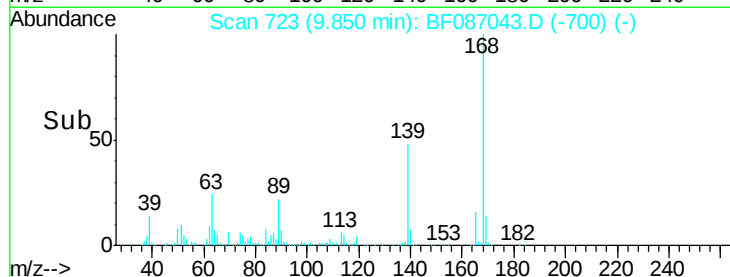
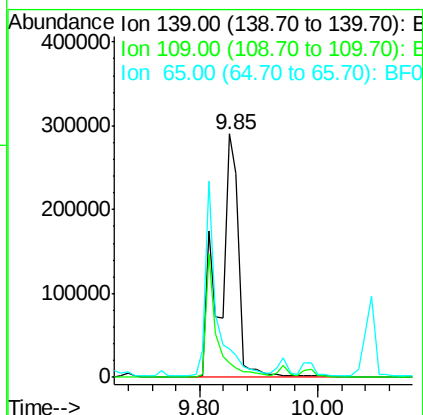
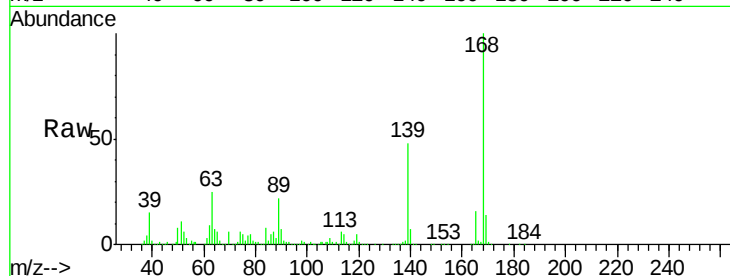




#55  
4-Nitrophenol  
Concen: 188.77 ng  
RT: 9.85 min Scan# 723  
Delta R.T. -0.04 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

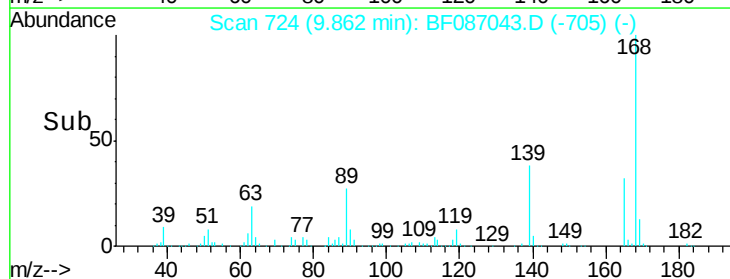
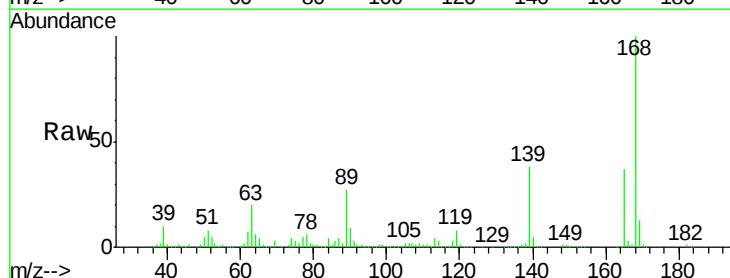
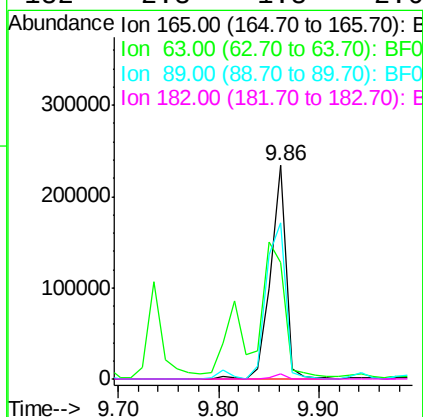
Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

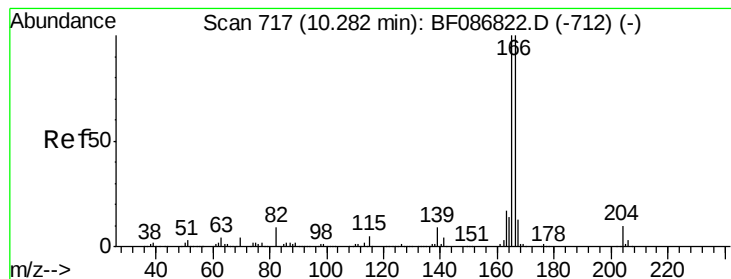
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 6.0   | 36.9  | 76.9#  |
| 65      | 11.6  | 64.0  | 104.0# |



#56  
2,4-Dinitrotoluene  
Concen: 44.14 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.5  | 44.3  | 66.5  |
| 89      | 73.0  | 70.0  | 105.0 |
| 182     | 2.3   | 1.8   | 2.6   |





#57

Fluorene

Concen: 39.21 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

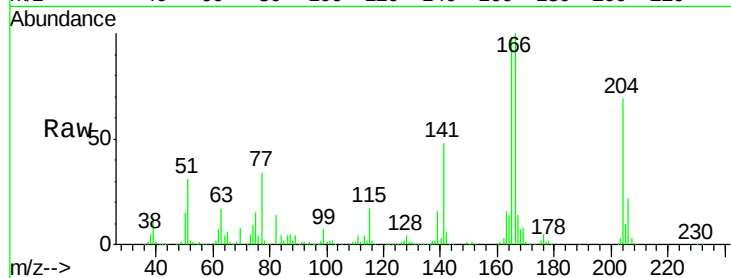
Tgt Ion:166 Resp: 698346

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

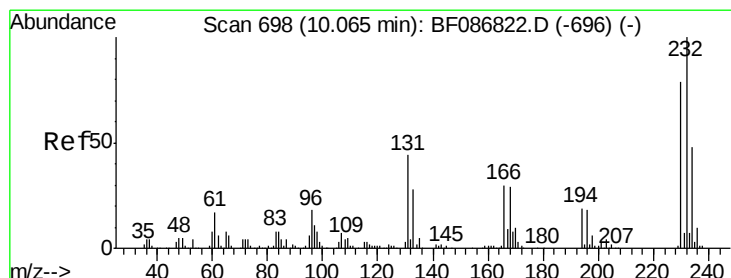
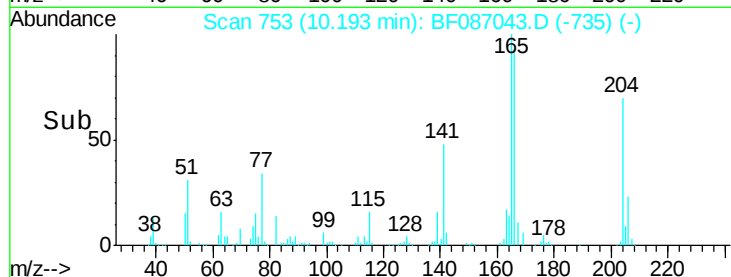
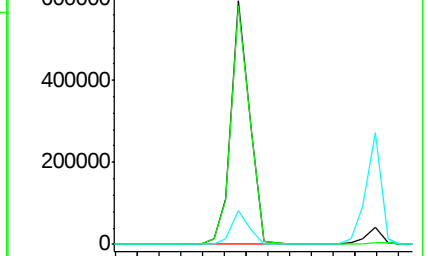
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.86 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:232 Resp: 202379

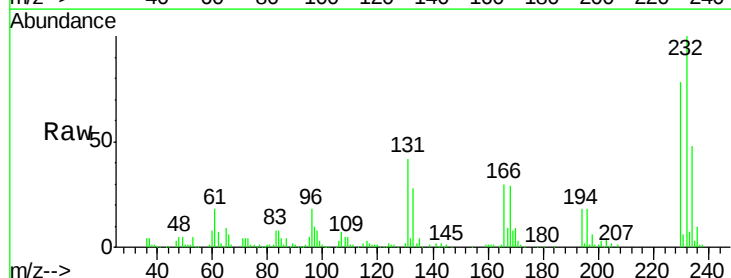
Ion Ratio Lower Upper

232 100

131 49.0 41.9 62.9

130 2.6 2.2 3.4

166 30.7 26.8 40.2

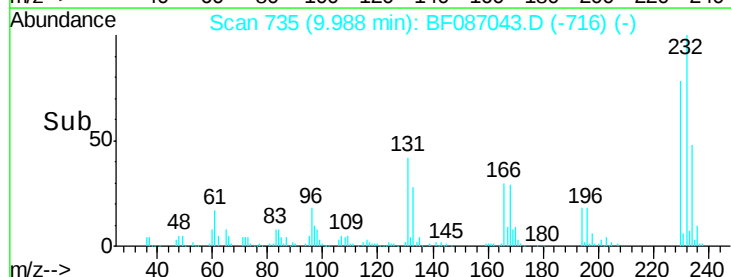
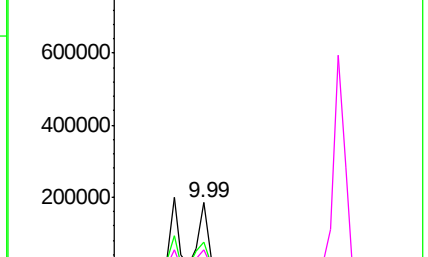


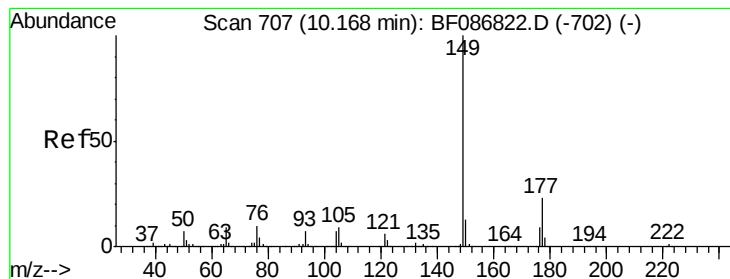
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.66 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

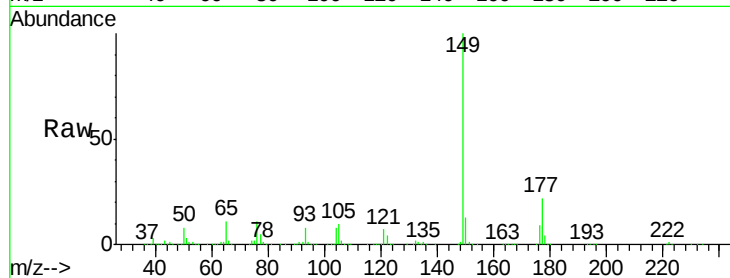
Tgt Ion:149 Resp: 883628

Ion Ratio Lower Upper

149 100

177 22.3 16.6 24.8

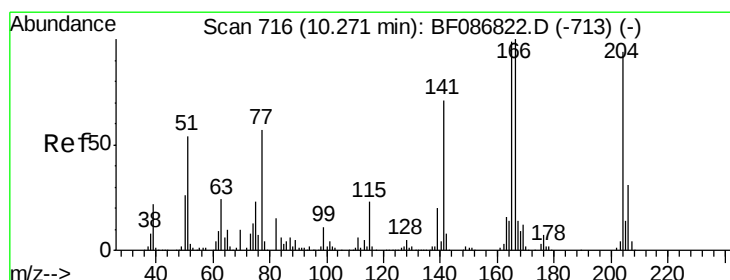
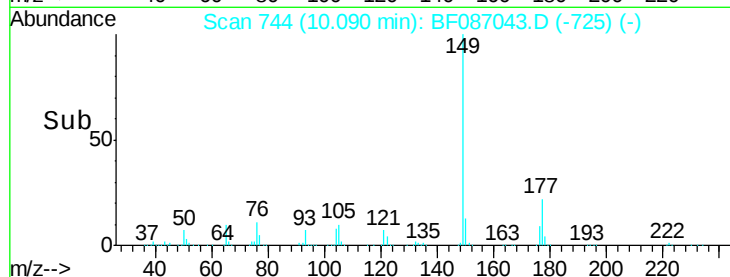
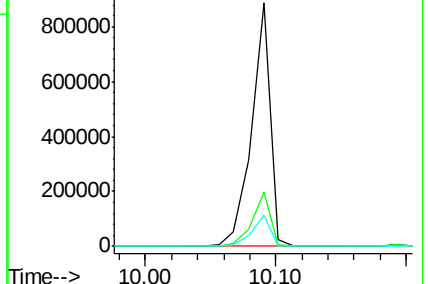
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.18 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

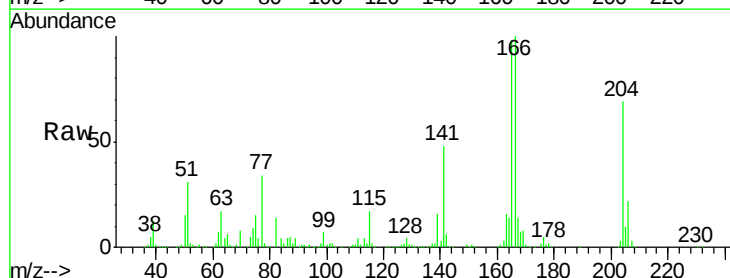
Tgt Ion:204 Resp: 355467

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

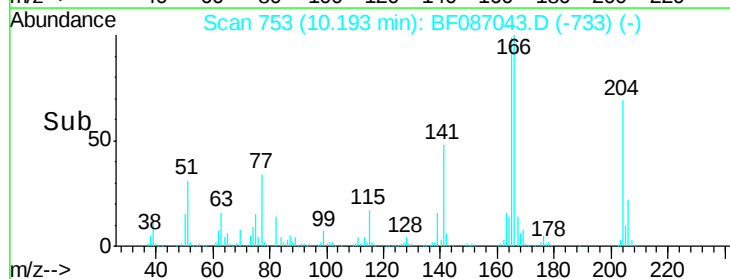
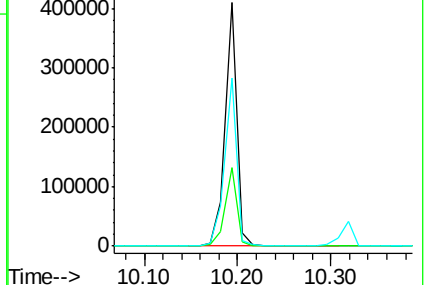
141 68.9 61.6 92.4

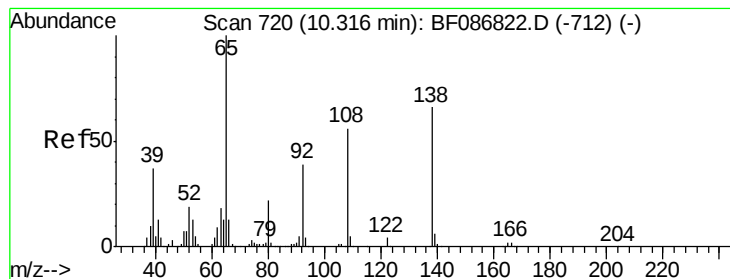


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.01 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

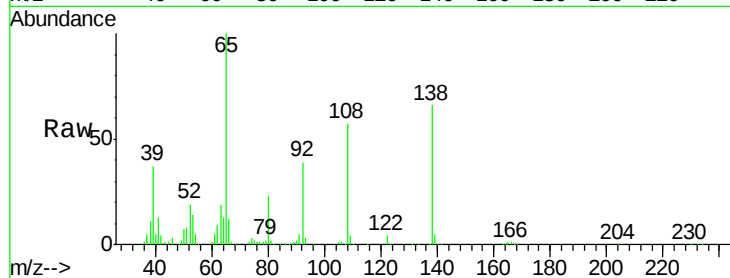
Tgt Ion:138 Resp: 166779

Ion Ratio Lower Upper

138 100

92 58.9 24.7 64.7

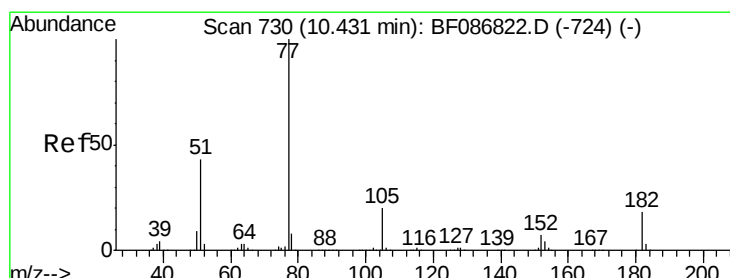
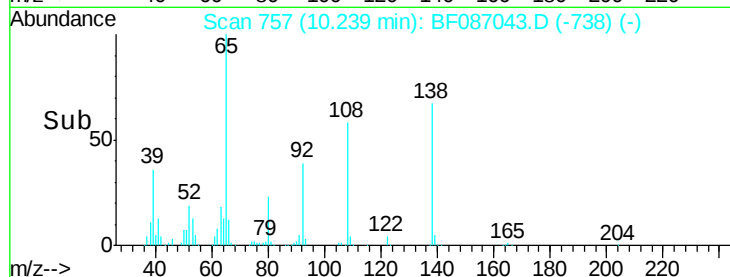
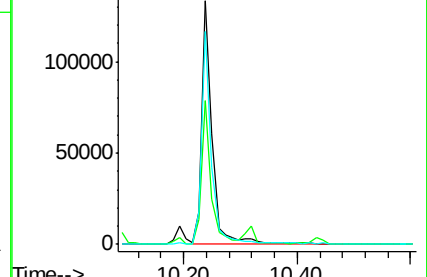
108 87.2 37.4 77.4#



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: 46.57 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion: 77 Resp: 1065571

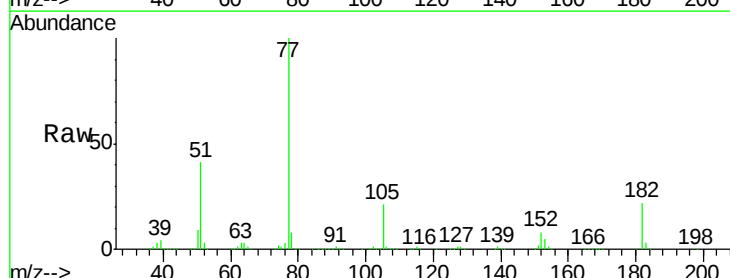
Ion Ratio Lower Upper

77 100

182 21.6 0.0 38.8

105 21.1 3.2 43.2

51 41.4 8.8 48.8

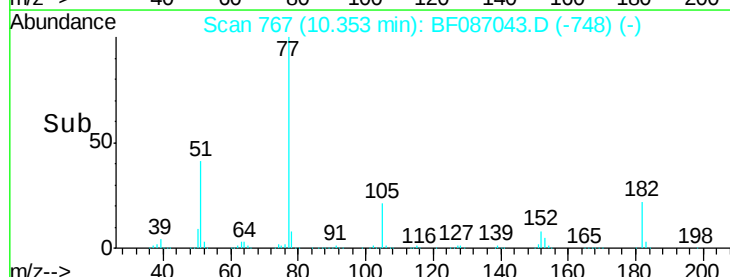
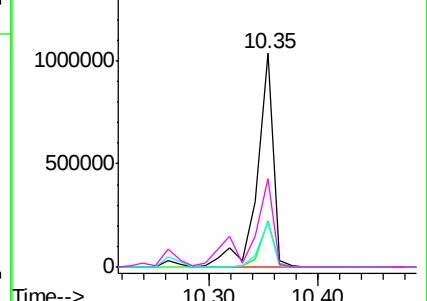


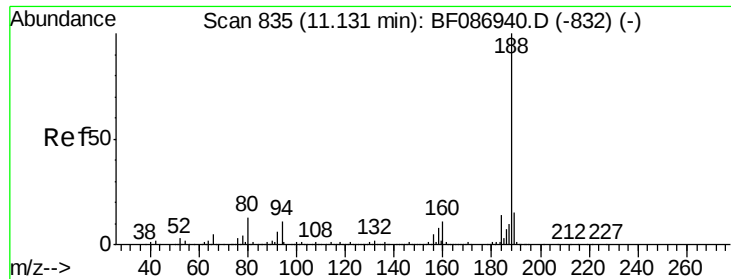
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

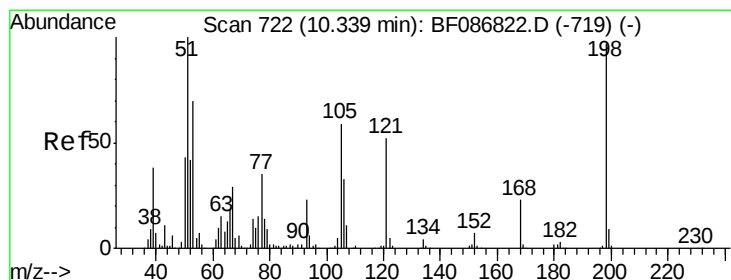
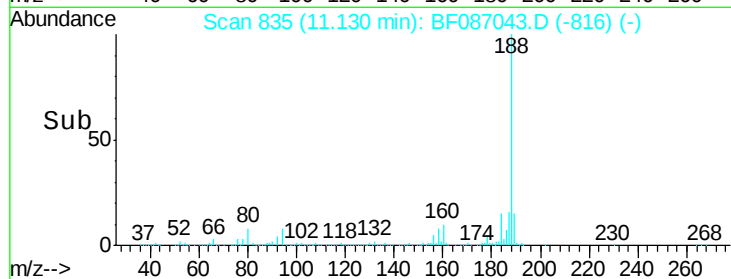
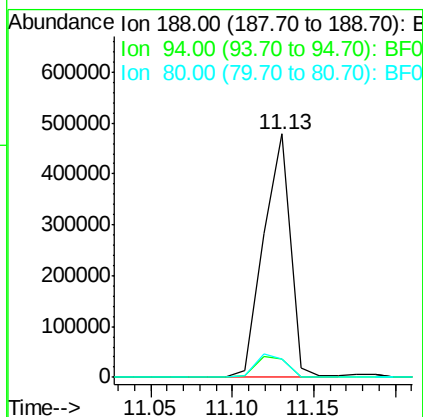
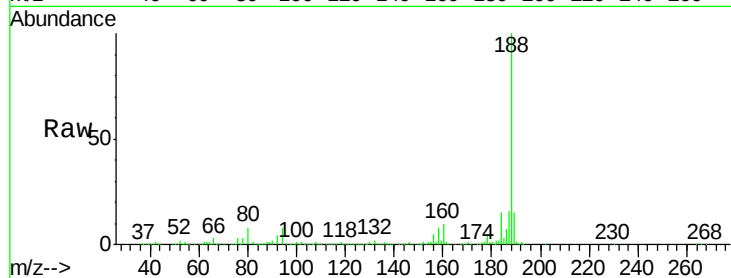




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.13 min Scan# 835  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

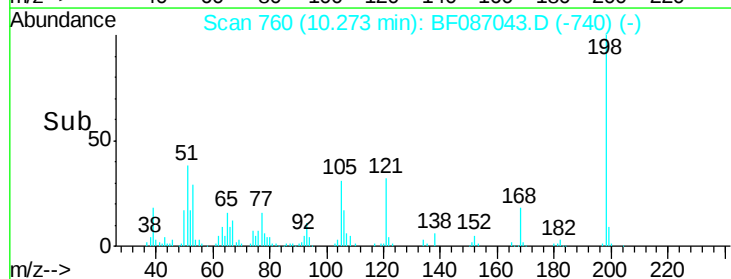
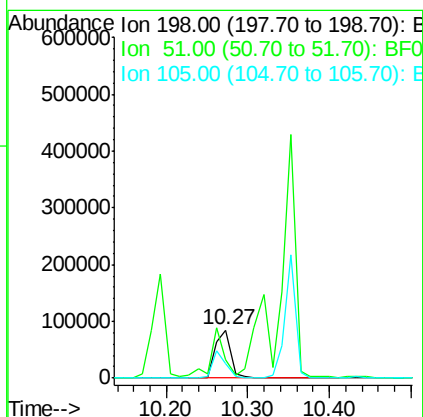
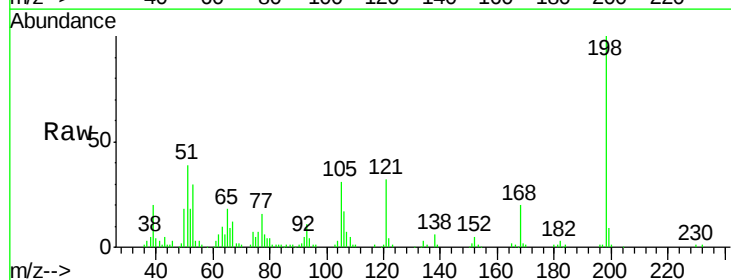
Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

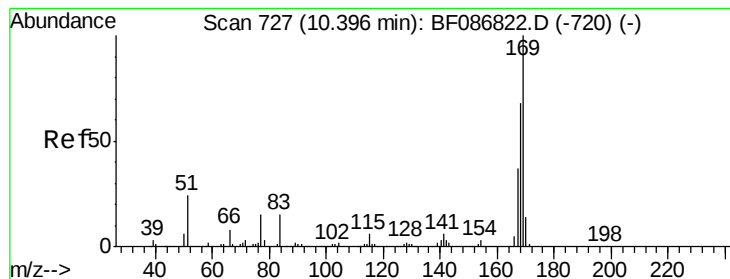
Tgt Ion:188 Resp: 547122  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.8 10.2  
80 7.7 7.1 10.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.94 ng  
RT: 10.27 min Scan# 760  
Delta R.T. -0.07 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

Tgt Ion:198 Resp: 115352  
Ion Ratio Lower Upper  
198 100  
51 39.1 20.5 60.5  
105 31.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 42.81 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

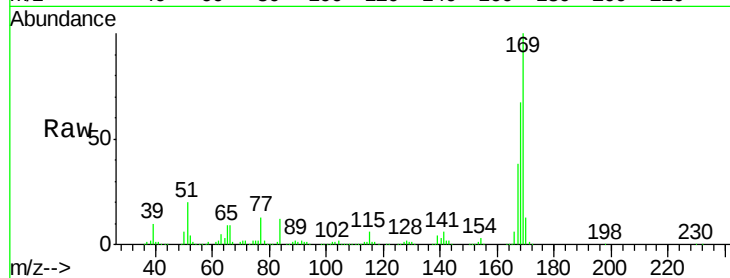
Tgt Ion:169 Resp: 719567

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

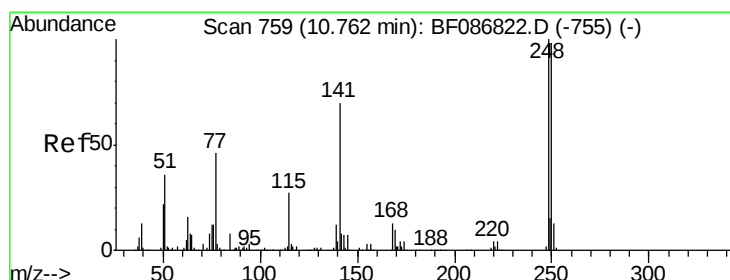
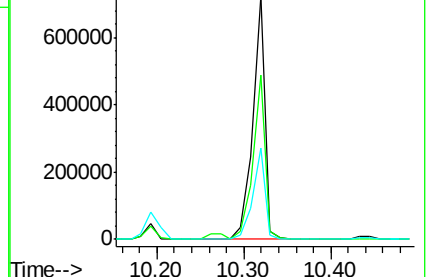
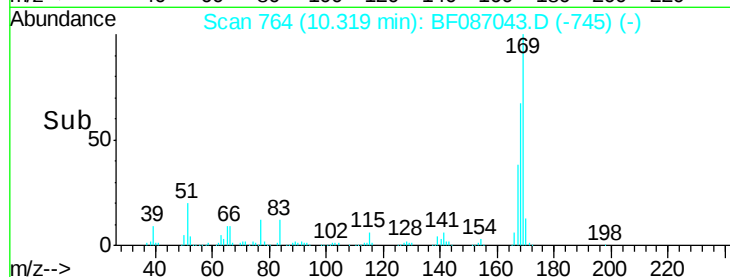
167 37.7 29.5 44.3



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: 39.16 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

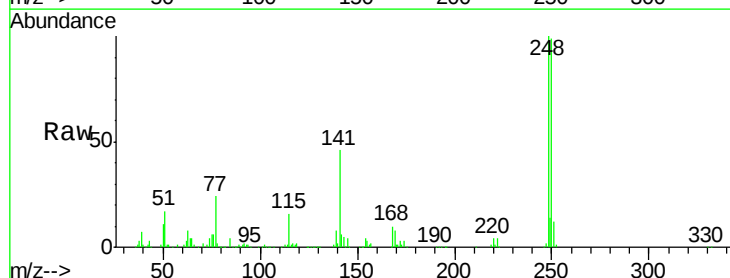
Tgt Ion:248 Resp: 217243

Ion Ratio Lower Upper

248 100

250 99.3 78.6 117.8

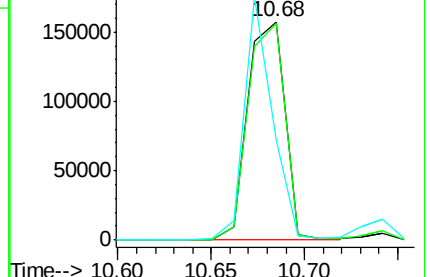
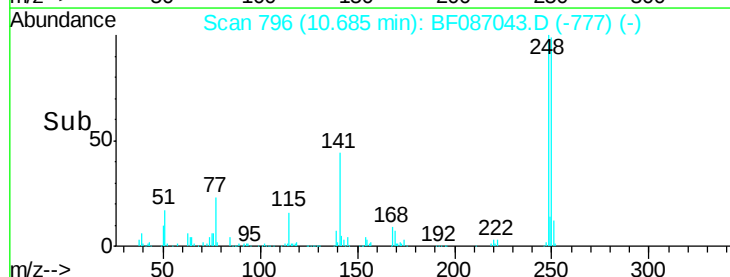
141 45.8 76.0 114.0#

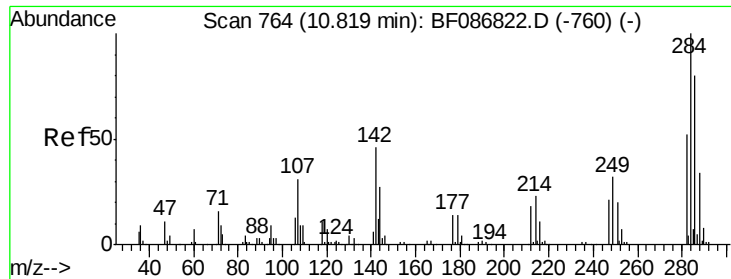


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

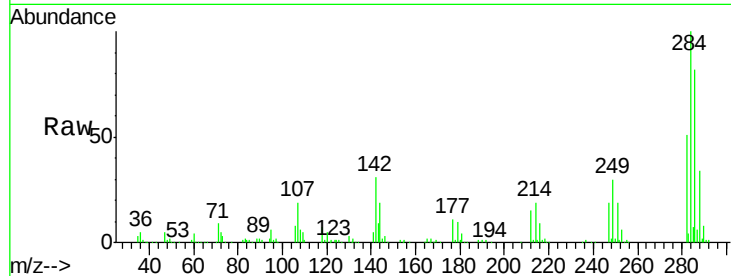




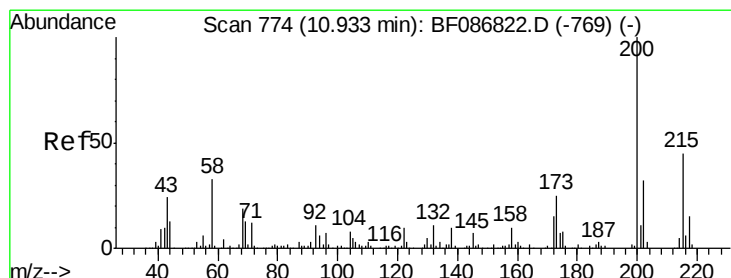
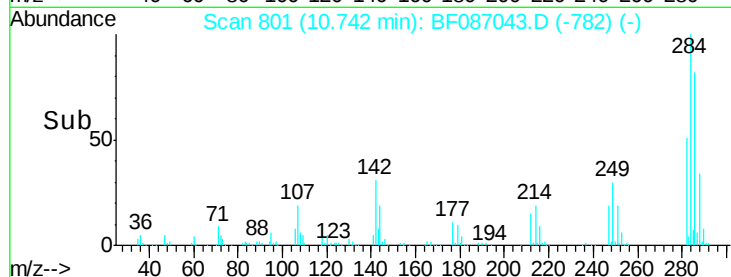
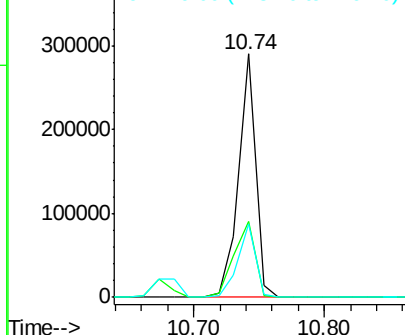
#67  
Hexachlorobenzene  
Concen: 40.73 ng  
RT: 10.74 min Scan# 801  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

Tgt Ion:284 Resp: 264055  
Ion Ratio Lower Upper  
284 100  
142 31.1 16.7 25.1#  
249 30.1 21.3 31.9

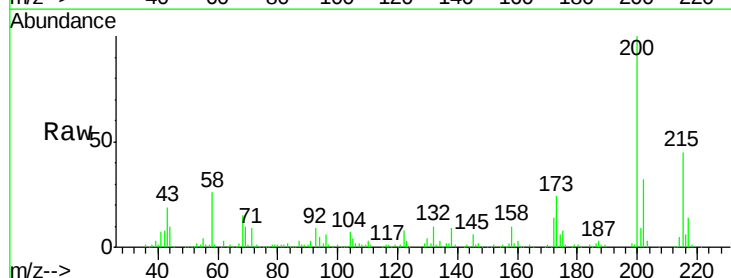


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

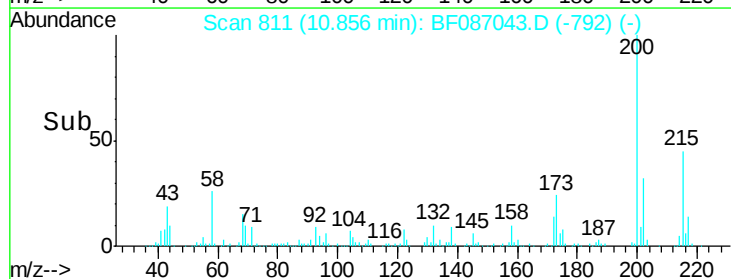
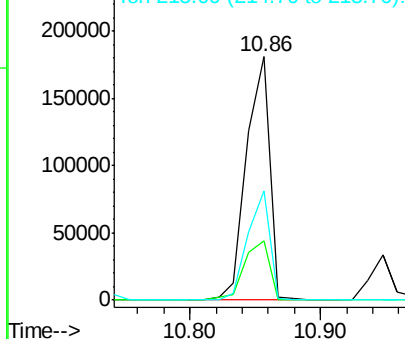


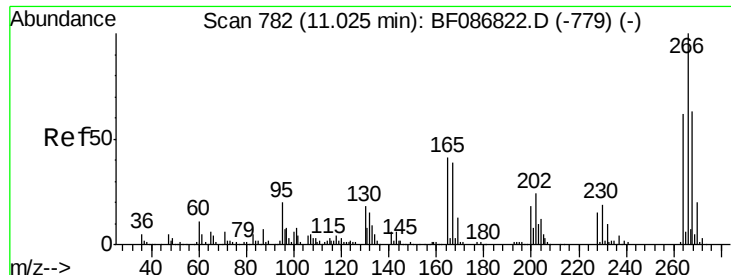
#68  
Atrazine  
Concen: 39.80 ng  
RT: 10.86 min Scan# 811  
Delta R.T. -0.08 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

Tgt Ion:200 Resp: 223490  
Ion Ratio Lower Upper  
200 100  
173 24.1 8.5 48.5  
215 45.0 27.2 67.2



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

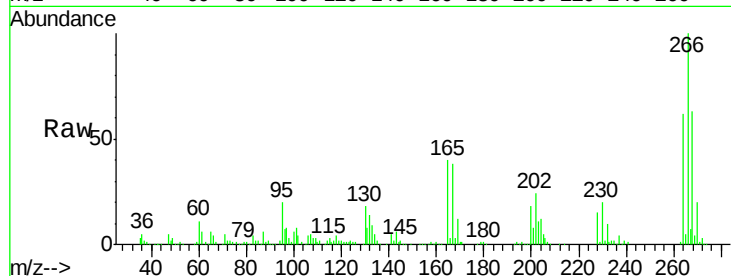




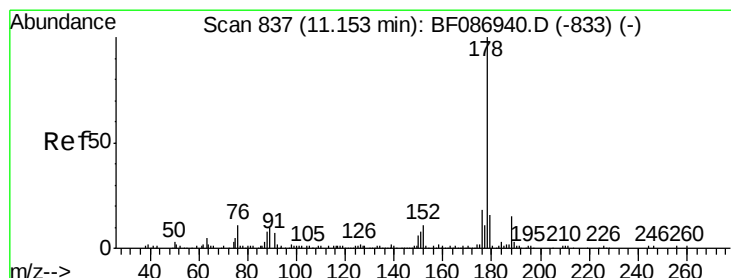
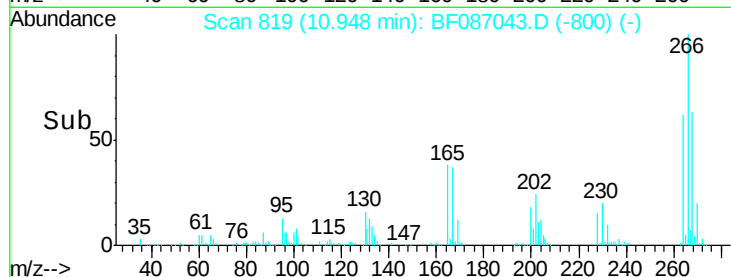
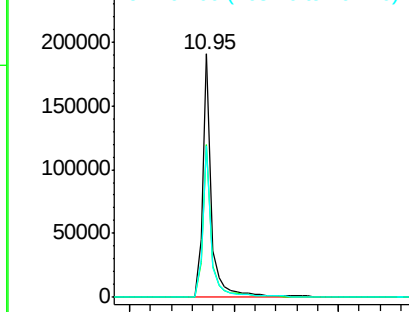
#69  
 Pentachlorophenol  
 Concen: 76.10 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Tgt Ion:266 Resp: 228000  
 Ion Ratio Lower Upper  
 266 100  
 268 62.7 51.5 77.3  
 264 62.1 52.9 79.3

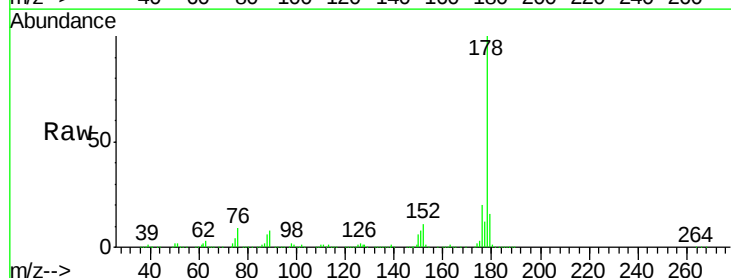


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

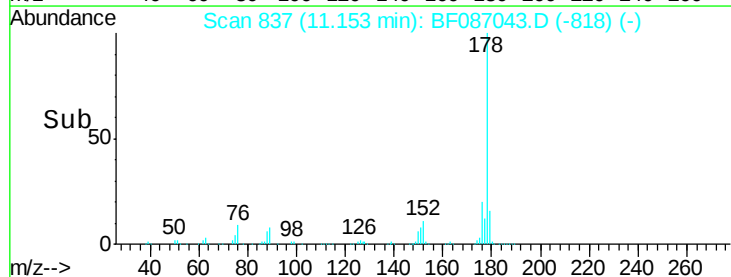
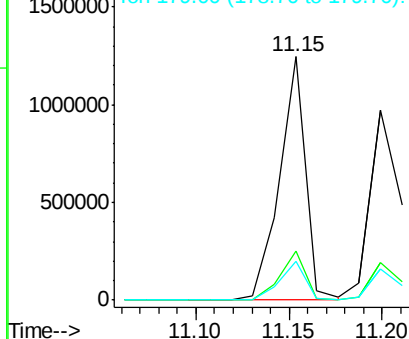


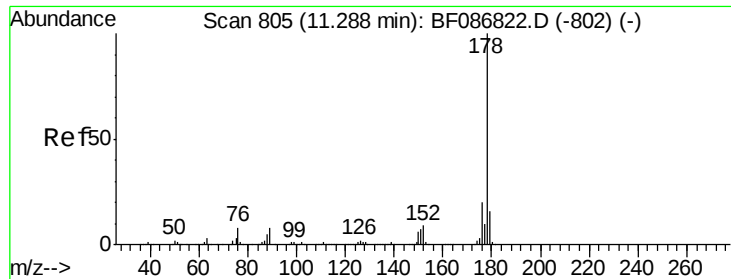
#70  
 Phenanthrene  
 Concen: 41.20 ng  
 RT: 11.15 min Scan# 837  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:178 Resp: 1202979  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 16.0 24.0  
 179 15.7 12.6 18.8



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

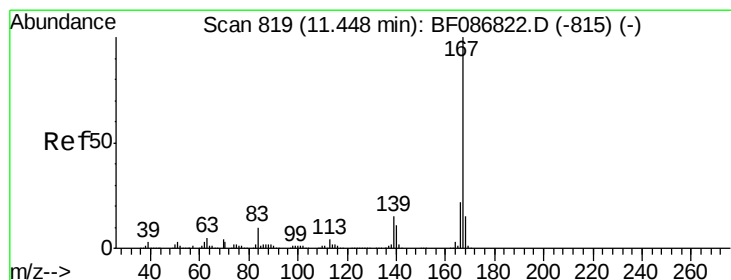
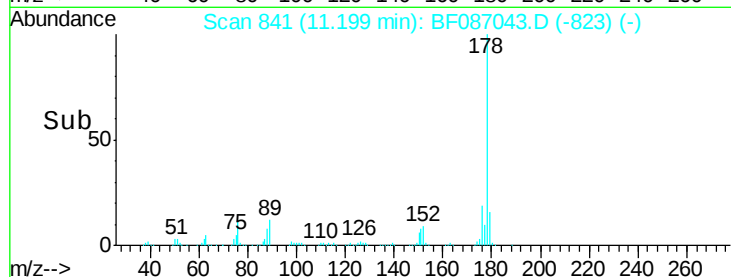
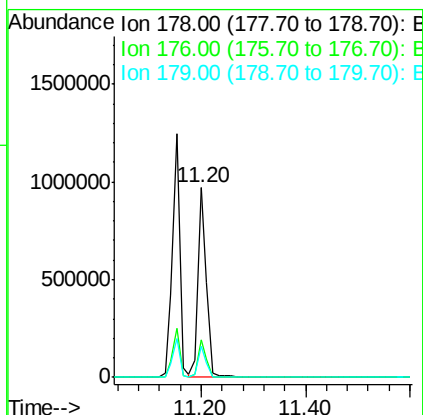
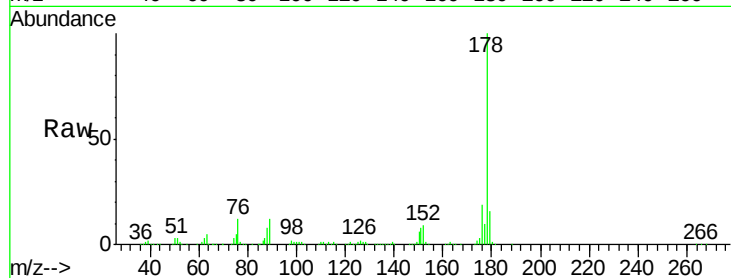




#71  
 Anthracene  
 Concen: 36.92 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

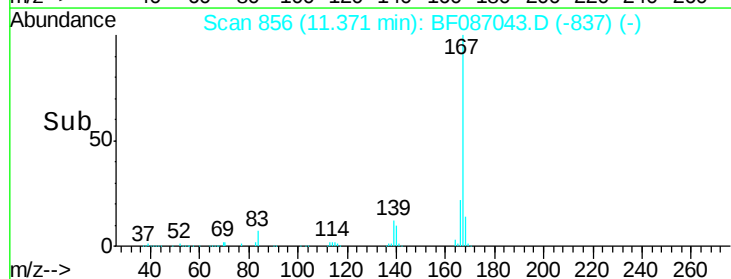
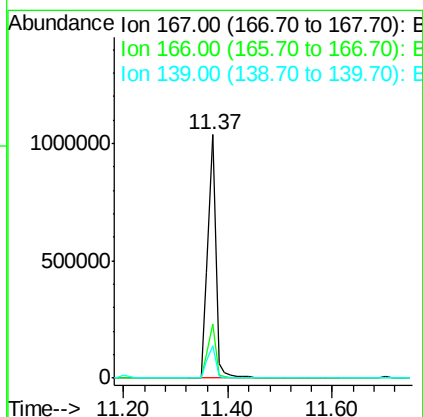
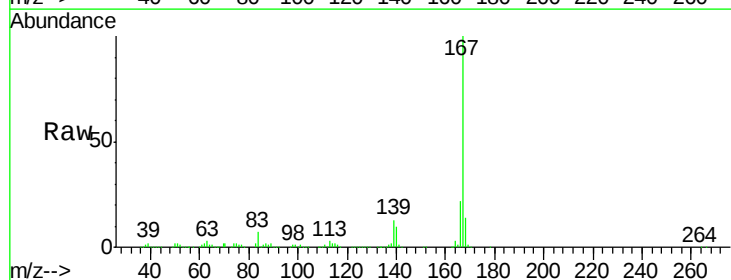
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

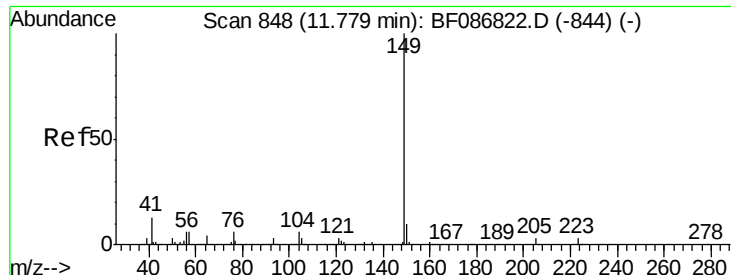
Tgt Ion:178 Resp: 1102539  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.6 23.4  
 179 16.2 12.7 19.1



#72  
 Carbazole  
 Concen: 43.61 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:167 Resp: 1119477  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.7 26.5  
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.20 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

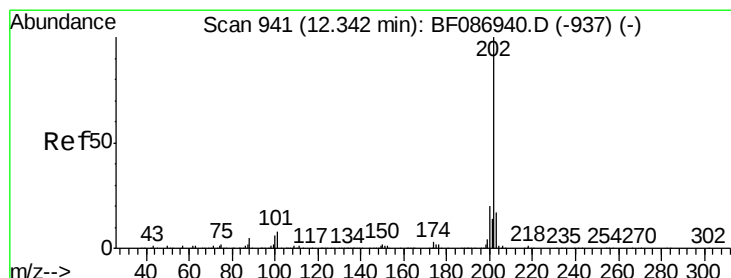
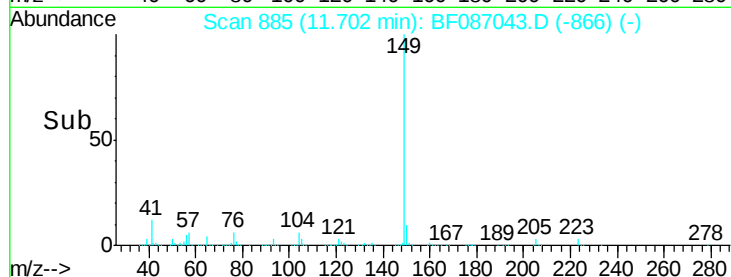
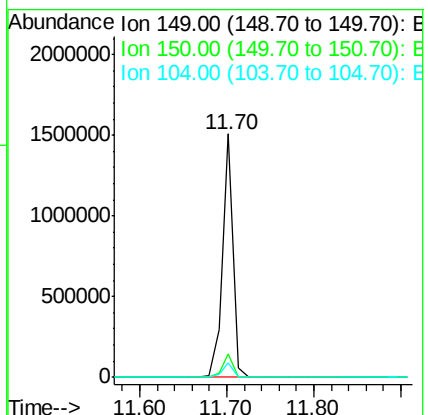
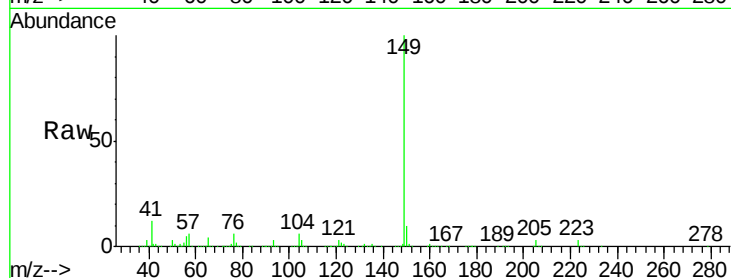
Tgt Ion:149 Resp: 1291355

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 5.8 3.8 5.6#



#74

Fluoranthene

Concen: 36.57 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

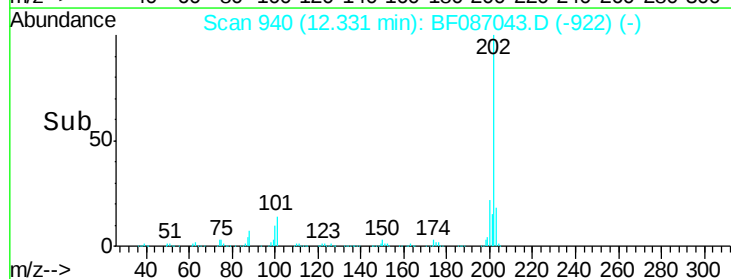
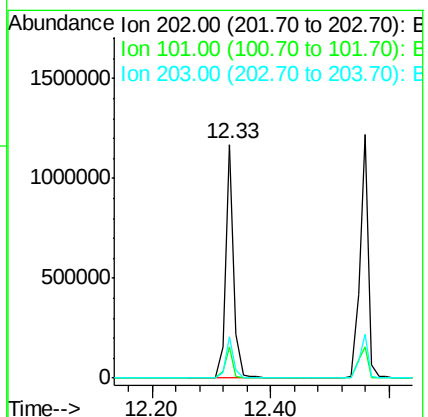
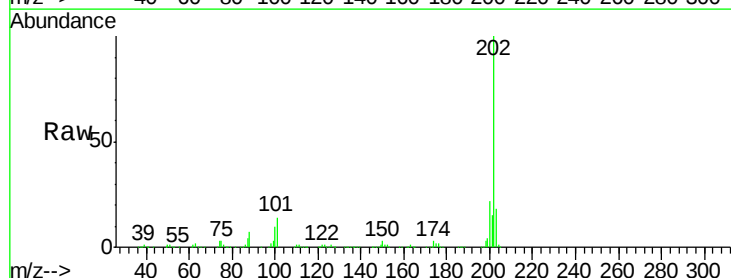
Tgt Ion:202 Resp: 1098175

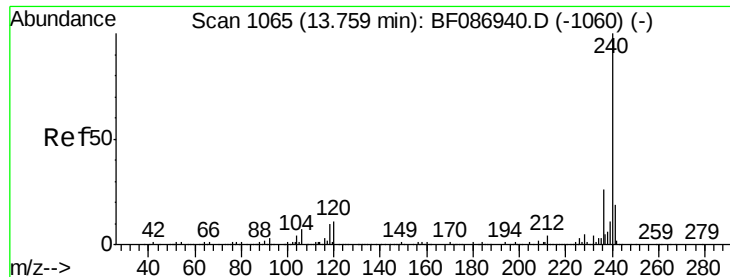
Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

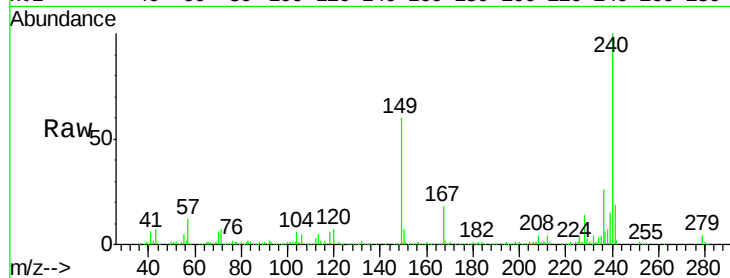
Tgt Ion:240 Resp: 345976

Ion Ratio Lower Upper

240 100

120 7.2 11.2 16.8#

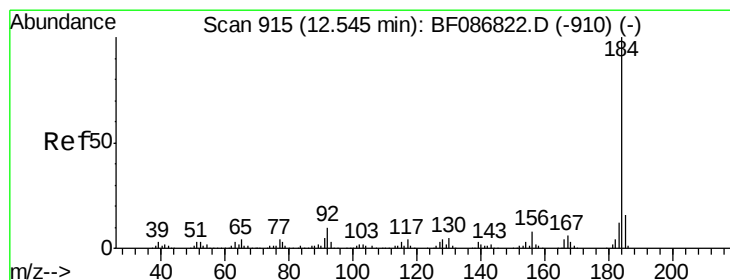
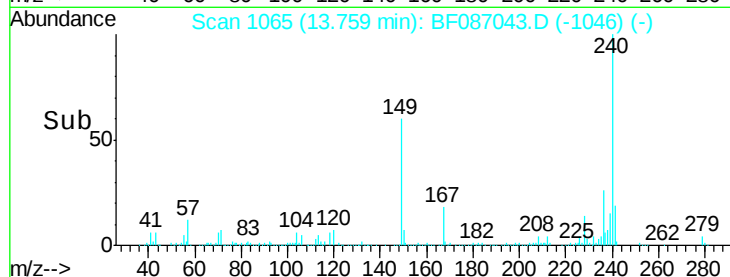
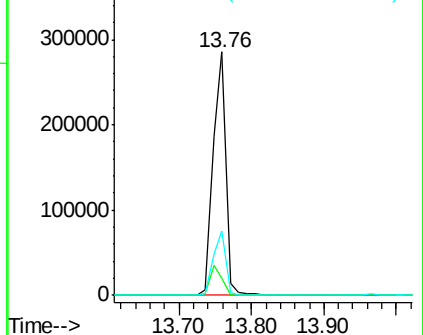
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.49 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

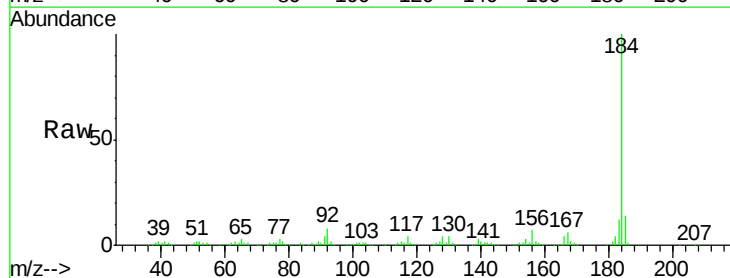
Tgt Ion:184 Resp: 321884

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

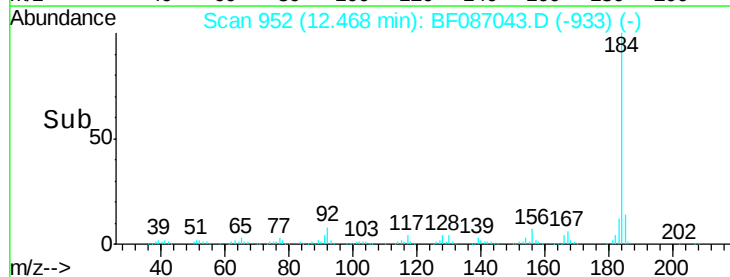
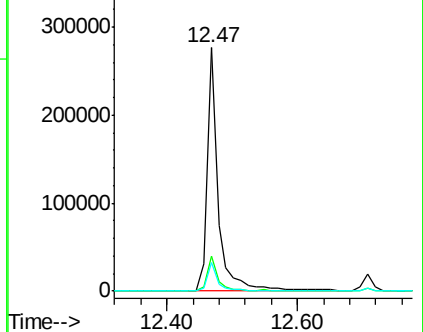
183 11.6 9.8 14.6

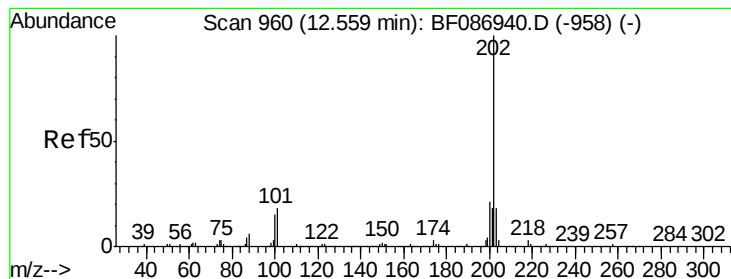


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.05 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

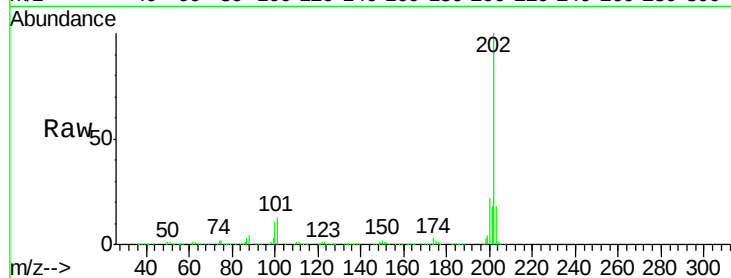
Tgt Ion:202 Resp: 1193315

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

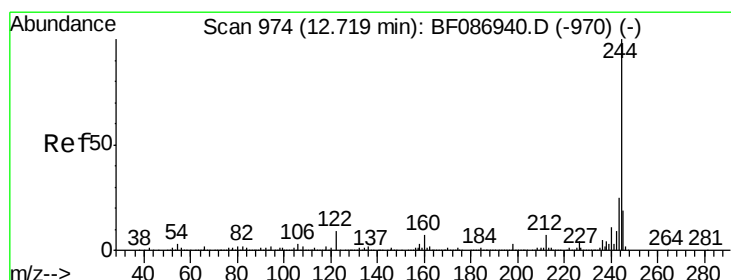
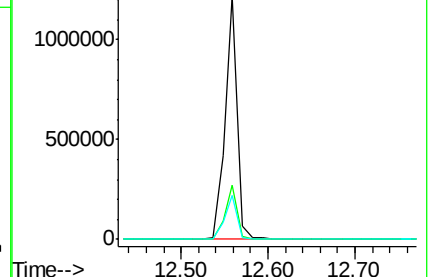
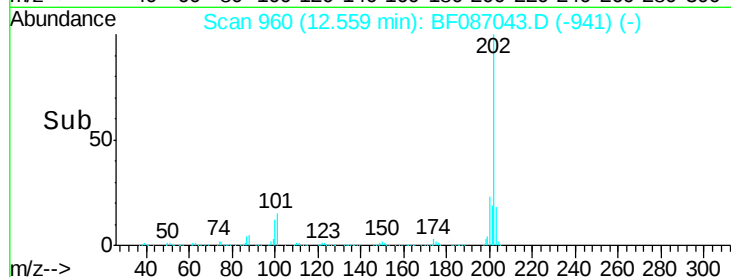
203 17.9 14.2 21.4



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: 78.21 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

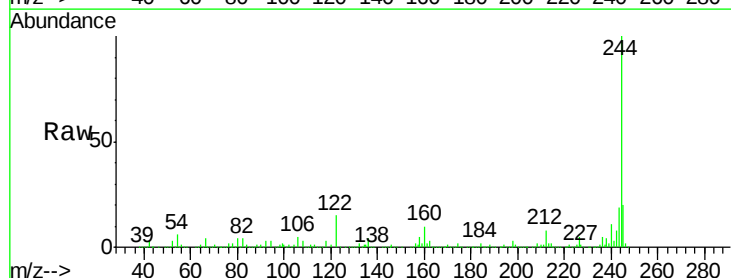
Tgt Ion:244 Resp: 1275286

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

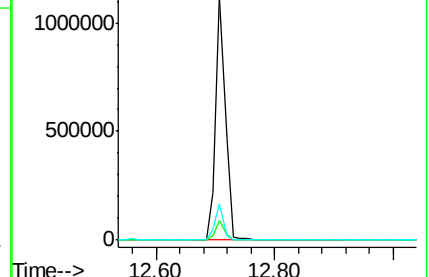
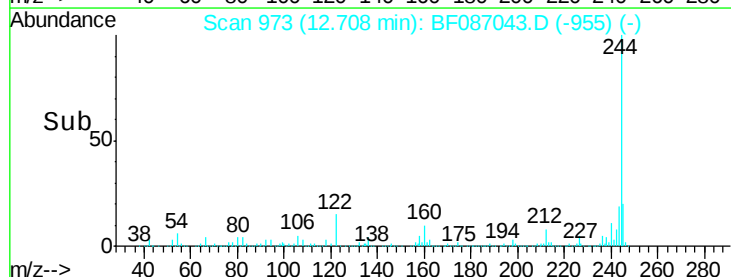
122 14.7 12.0 18.0

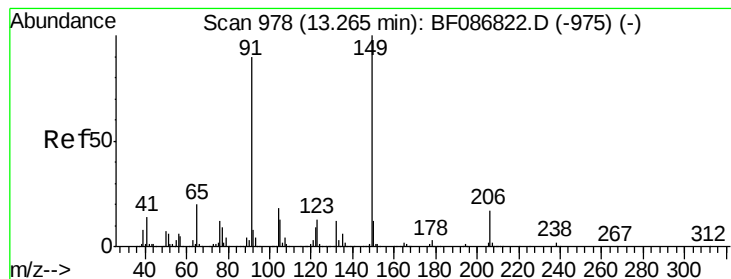


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.69 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

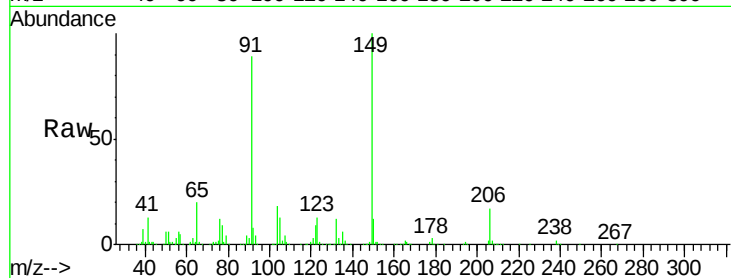
Tgt Ion:149 Resp: 500686

Ion Ratio Lower Upper

149 100

91 88.7 48.0 72.0#

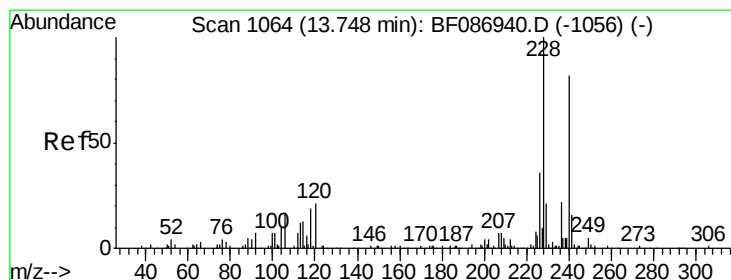
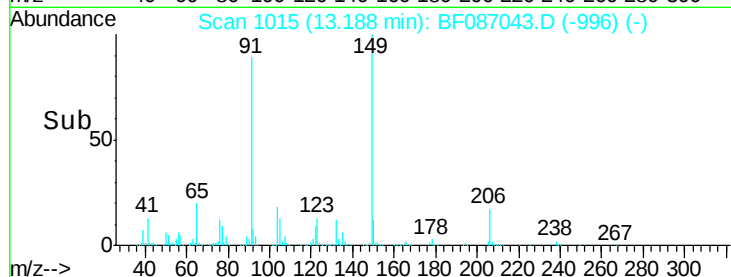
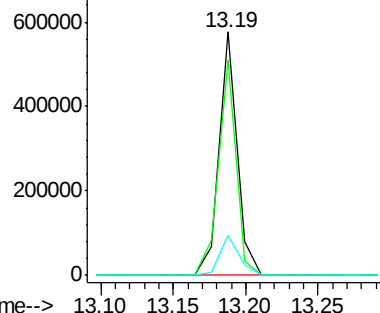
206 16.6 15.8 23.6



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: 44.07 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

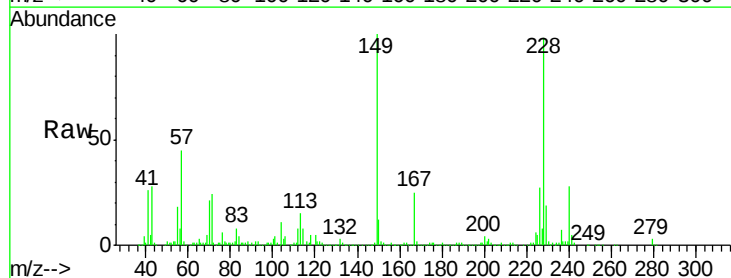
Tgt Ion:228 Resp: 855888

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

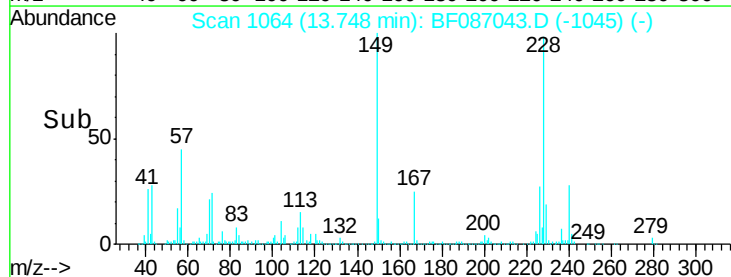
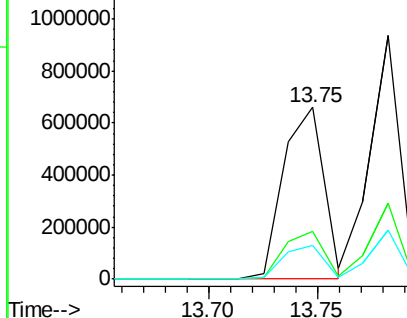
229 19.8 16.6 25.0

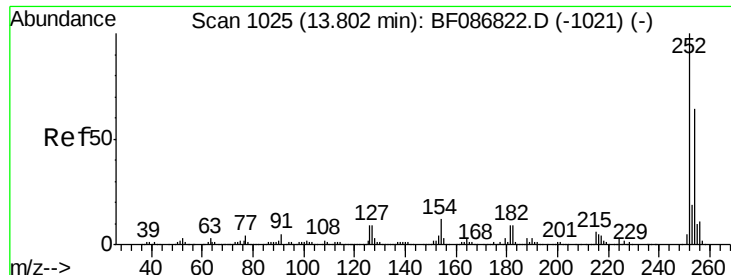


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

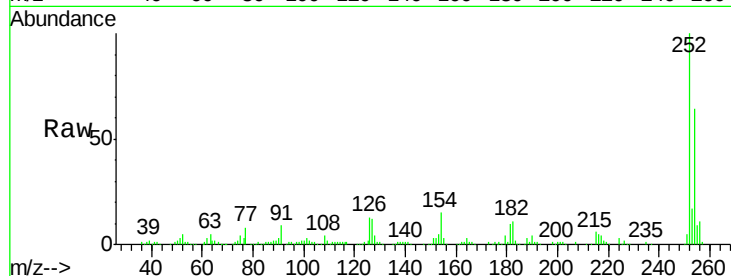




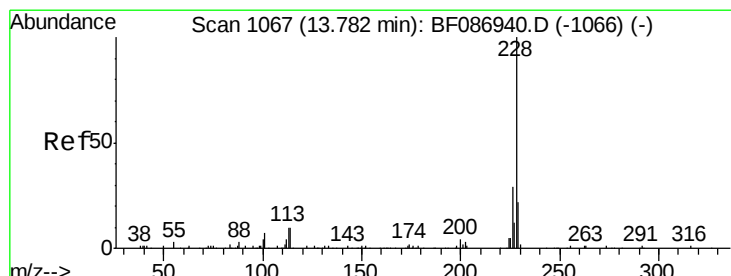
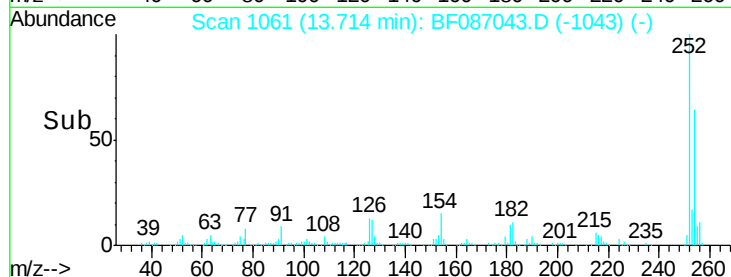
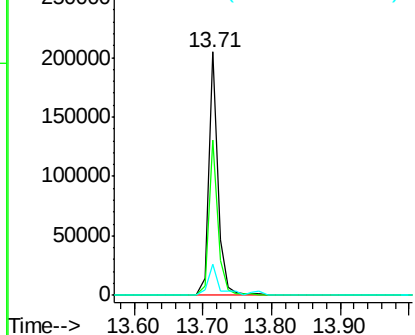
#81  
 3,3'-Dichlorobenzidine  
 Concen: 15.74 ng  
 RT: 13.71 min Scan# 1061  
 Delta R.T. -0.09 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

Tgt Ion: 252 Resp: 194243  
 Ion Ratio Lower Upper  
 252 100  
 254 64.0 50.7 76.1  
 126 12.6 12.7 19.1#

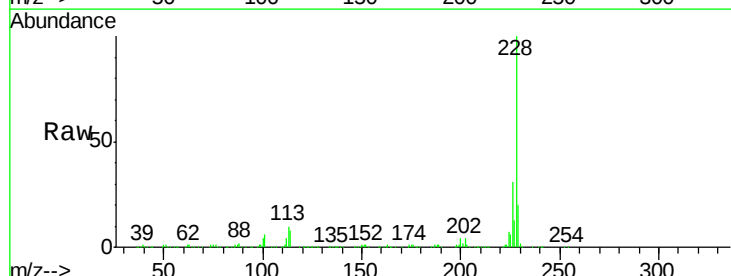


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

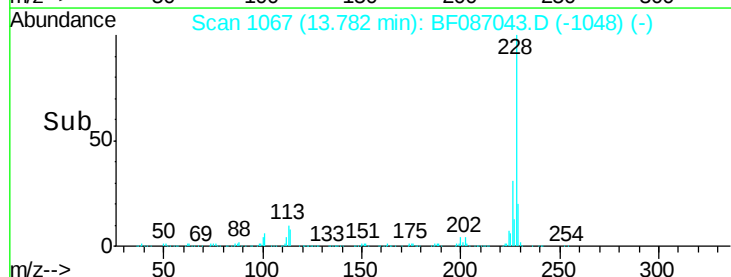
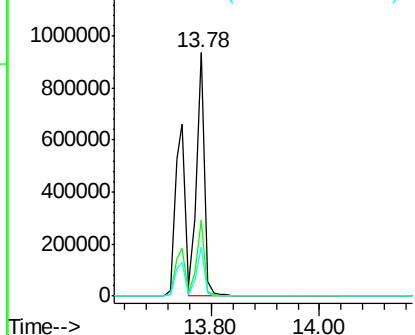


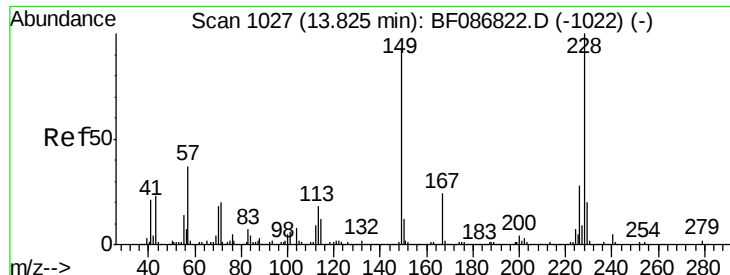
#82  
 Chrysene  
 Concen: 46.28 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion: 228 Resp: 914424  
 Ion Ratio Lower Upper  
 228 100  
 226 31.3 24.4 36.6  
 229 20.0 15.8 23.8



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

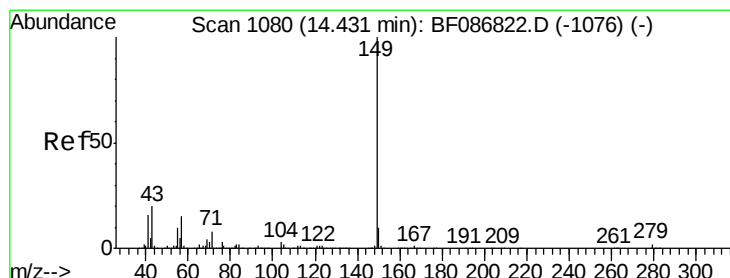
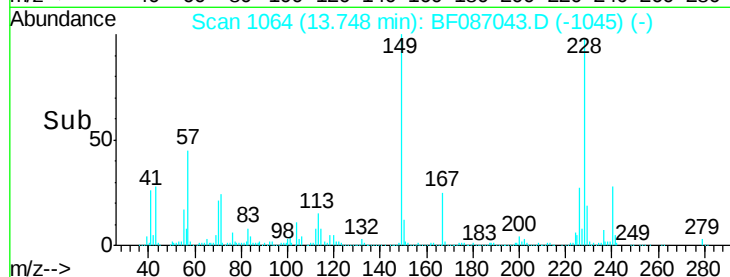
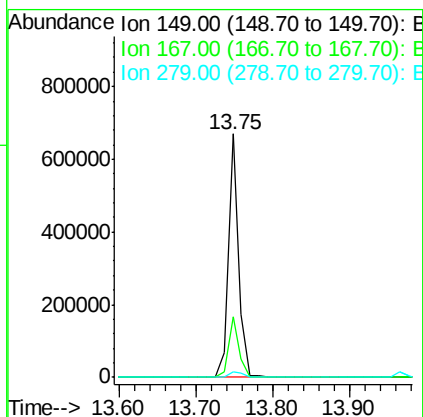
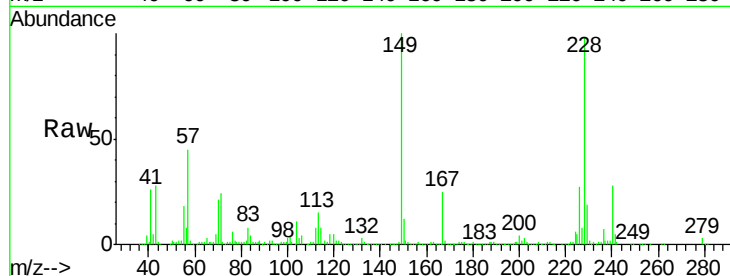




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.88 ng  
 RT: 13.75 min Scan# 1064  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

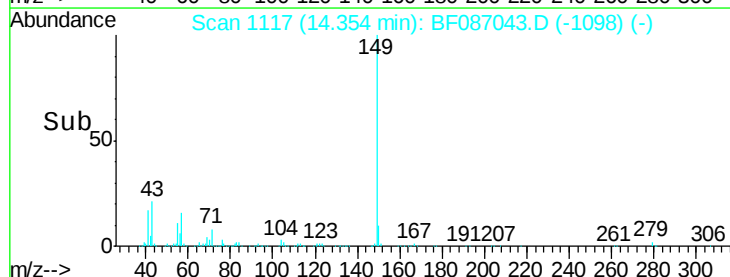
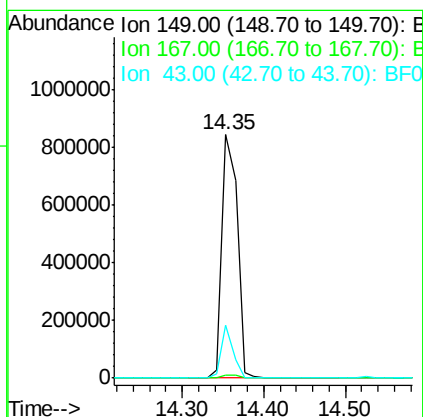
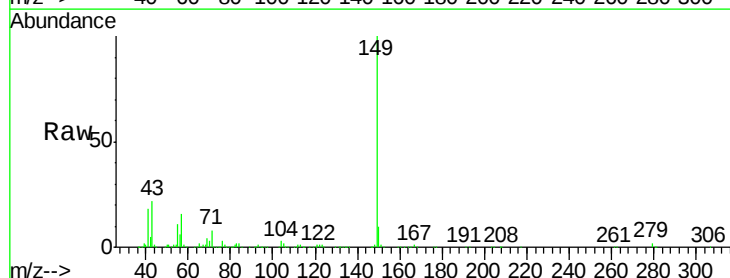
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

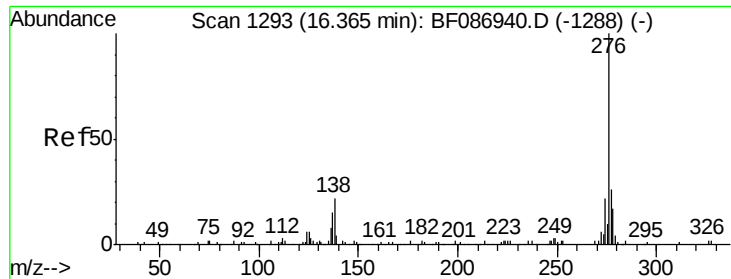
Tgt Ion:149 Resp: 631850  
 Ion Ratio Lower Upper  
 149 100  
 167 24.9 21.8 32.6  
 279 2.5 2.6 4.0#



#84  
 Di-n-octyl phthalate  
 Concen: 48.88 ng  
 RT: 14.35 min Scan# 1117  
 Delta R.T. -0.08 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

Tgt Ion:149 Resp: 1091239  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 16.7 8.2 12.4#

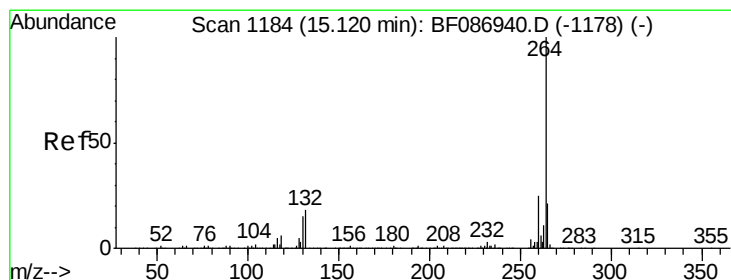
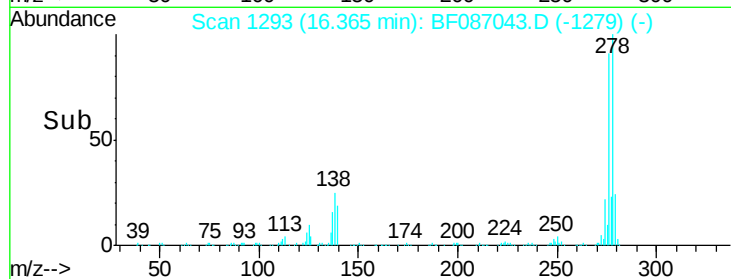
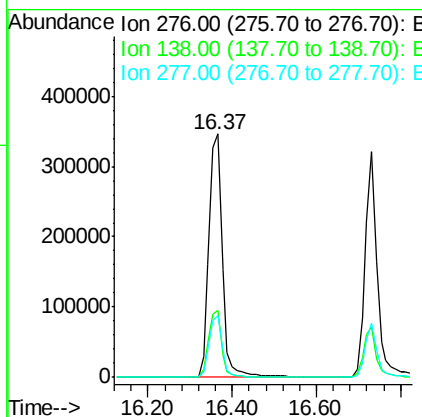
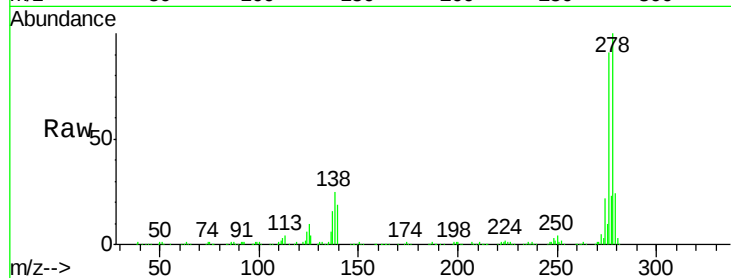




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.72 ng  
 RT: 16.37 min Scan# 1293  
 Delta R.T. -0.13 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

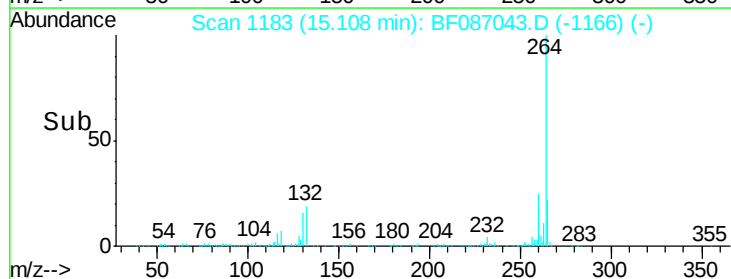
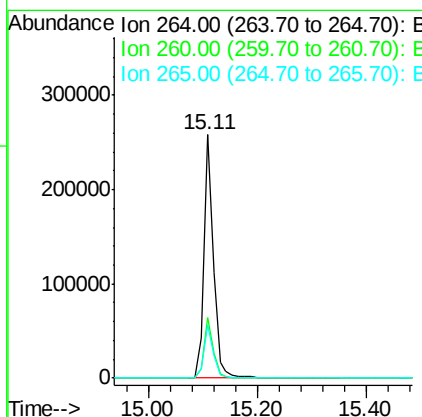
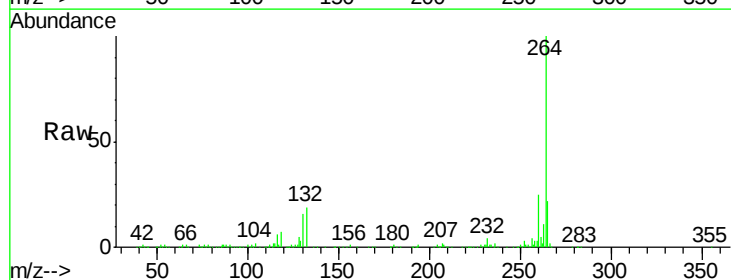
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB90575BSD

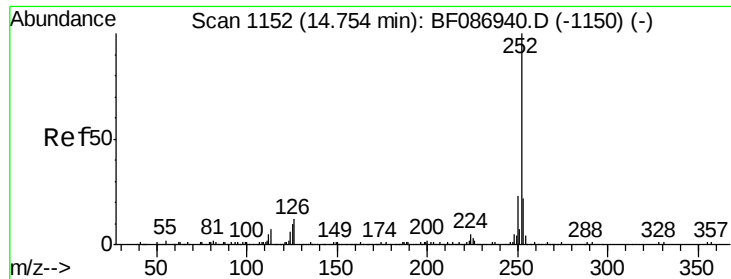
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.8  | 25.6  | 38.4  |
| 277     | 24.9  | 20.5  | 30.7  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.11 min Scan# 1183  
 Delta R.T. -0.10 min  
 Lab File: BF087043.D  
 Acq: 15 May 2016 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.5  | 29.3  |
| 265     | 22.0  | 17.3  | 25.9  |

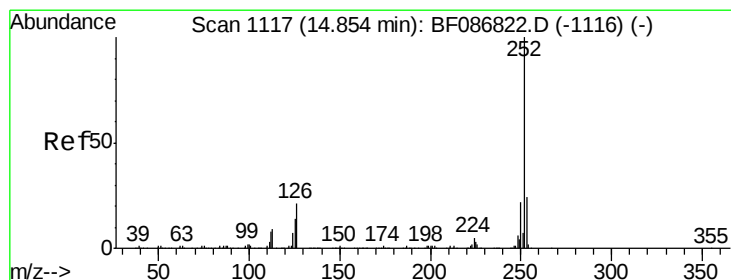
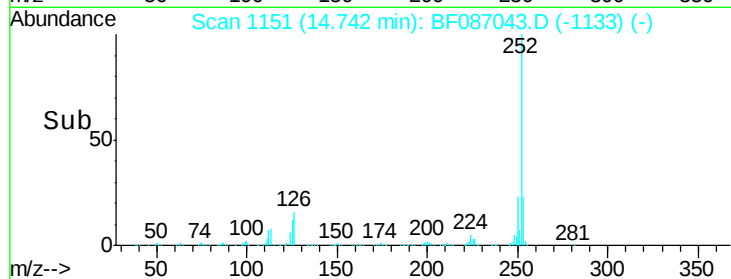
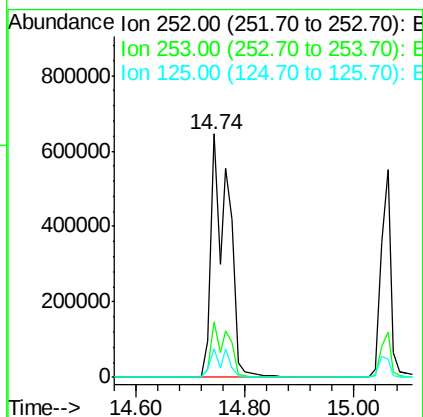
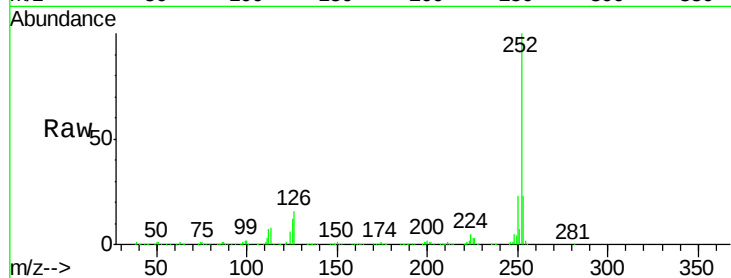




#87  
Benzo(b)fluoranthene  
Concen: 72.06 ng  
RT: 14.74 min Scan# 1151  
Delta R.T. -0.09 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

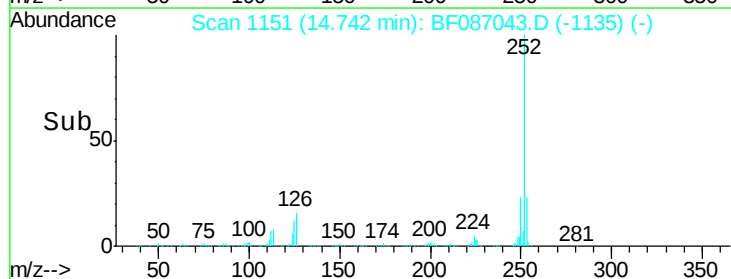
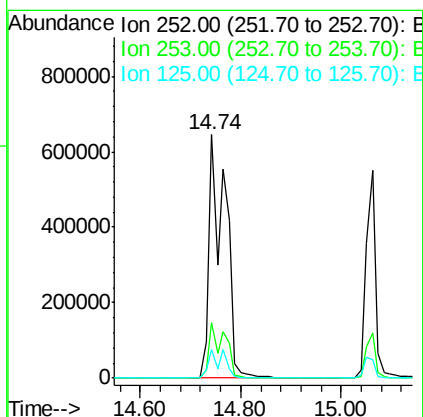
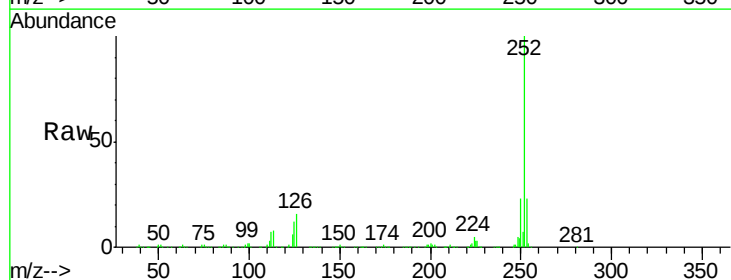
Instrument :  
BNA\_F  
ClientSampleId :  
PB90575BSD

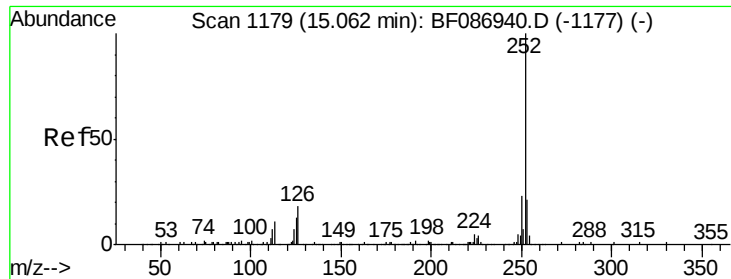
Tgt Ion:252 Resp: 1447871  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 12.0 11.4 17.0



#88  
Benzo(k)fluoranthene  
Concen: 88.07 ng  
RT: 14.74 min Scan# 1151  
Delta R.T. -0.11 min  
Lab File: BF087043.D  
Acq: 15 May 2016 2:29

Tgt Ion:252 Resp: 1448961  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 12.0 9.1 13.7





#89

Benzo(a)pyrene

Concen: 41.29 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

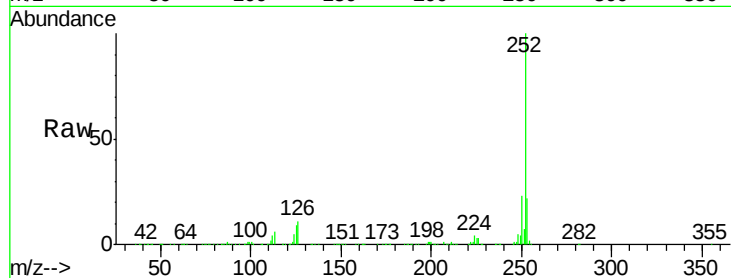
Tgt Ion:252 Resp: 715685

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

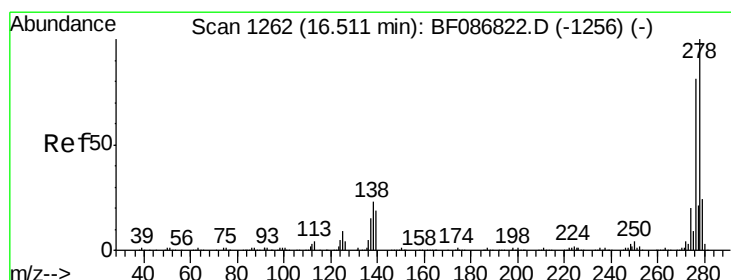
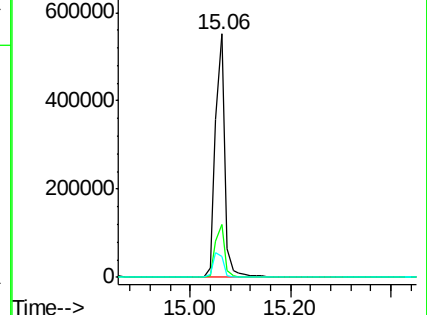
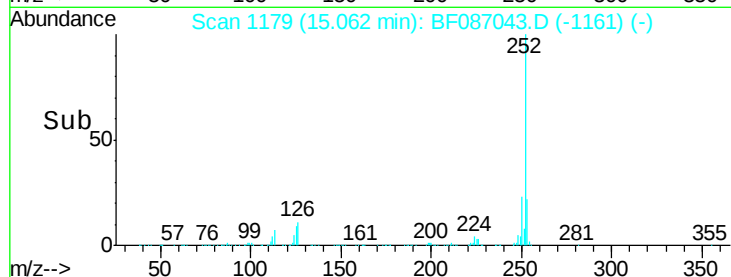
125 8.6 9.0 13.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.30 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

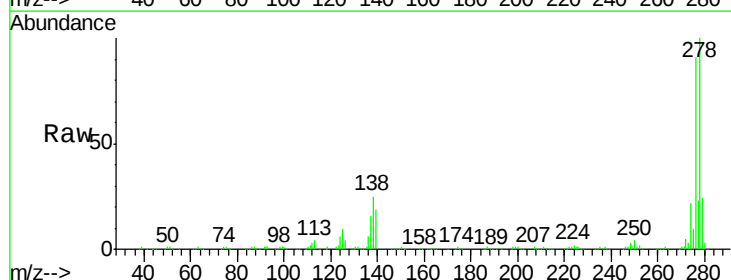
Tgt Ion:278 Resp: 632507

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

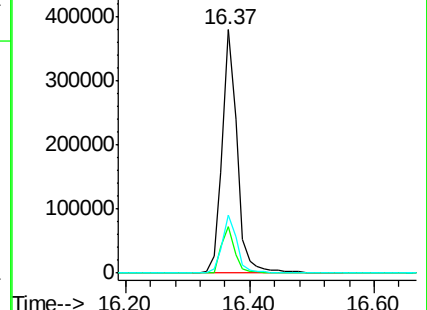
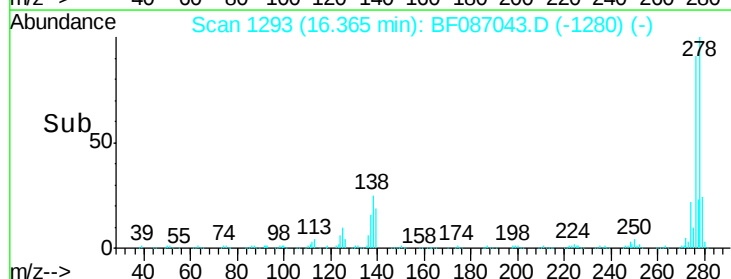
279 23.8 19.6 29.4

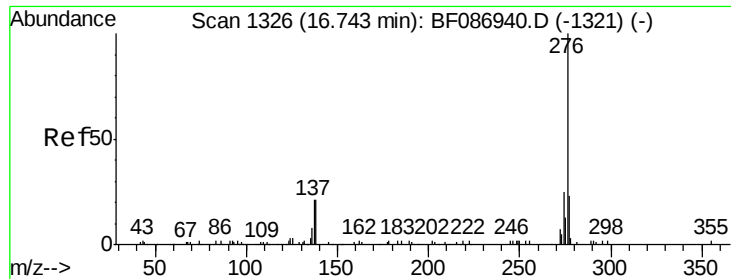


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.66 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA\_F

ClientSampleId :

PB90575BSD

Tgt Ion: 276 Resp: 648038

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 22.5 23.6 35.4#

