

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122316\  
 Data File : BF091930.D  
 Acq On : 23 Dec 2016 18:11  
 Operator : UM/SJ  
 Sample : H6238-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-002-COMP

Quant Time: Dec 23 22:06:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 205879   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.03  | 136  | 770227   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.79  | 164  | 359258   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.28 | 188  | 526446   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.89 | 240  | 436754   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.29 | 264  | 422860   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.38  | 112 | 1463618 | 118.70 | ng | 0.03  |
| 7) Phenol-d6                | 6.43  | 99  | 1615524 | 107.32 | ng | 0.02  |
| 23) Nitrobenzene-d5         | 7.31  | 82  | 1069619 | 77.22  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330 | 314824  | 105.89 | ng | 0.01  |
| 44) 2-Fluorobiphenyl        | 9.12  | 172 | 1393107 | 78.46  | ng | 0.00  |
| 78) Terphenyl-d14           | 12.84 | 244 | 959113  | 53.26  | ng | -0.01 |

|                                |       |     |        |       |     |        |
|--------------------------------|-------|-----|--------|-------|-----|--------|
| Target Compounds               |       |     |        |       |     | Qvalue |
| 10) Phenol                     | 6.44  | 94  | 86784  | 5.06  | ng  | 88     |
| 15) Benzyl Alcohol             | 6.90  | 79  | 27542  | 2.35  | ng  | # 39   |
| 18) Hexachloroethane           | 7.31  | 117 | 248405 | 43.97 | ng  | # 3    |
| 19) n-Nitroso-di-n-propylamine | 7.17  | 70  | 39932  | 3.99  | ng  | # 61   |
| 24) Nitrobenzene               | 7.29  | 77  | 75106  | 5.09  | ng  | # 32   |
| 25) Isophorone                 | 7.55  | 82  | 125080 | 4.89  | ng  | # 1    |
| 31) Naphthalene                | 8.08  | 128 | 85894  | 2.44  | ng  | # 1    |
| 35) Caprolactam                | 8.46  | 113 | 146206 | 43.54 | ng  | # 1    |
| 48) Acenaphthylene             | 9.65  | 152 | 59966  | 2.00  | ng  | # 1    |
| 49) Dimethylphthalate          | 9.52  | 163 | 335599 | 14.61 | ng  | # 96   |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165 | 22312  | 4.44  | ng  | # 1    |
| 51) Acenaphthene               | 9.82  | 154 | 112954 | 5.56  | ng  | # 62   |
| 52) 3-Nitroaniline             | 9.77  | 138 | 23562  | 3.79  | ng  | # 39   |
| 53) 2,4-Dinitrophenol          | 10.08 | 184 | 26825  | 9.59  | ng  | 92     |
| 54) Dibenzofuran               | 10.00 | 168 | 69823  | 2.55  | ng  | # 1    |
| 55) 4-Nitrophenol              | 9.89  | 139 | 81891  | 19.38 | ng  | # 46   |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165 | 50967  | 8.07  | ng  | # 58   |
| 57) Fluorene                   | 10.34 | 166 | 224986 | 11.27 | ng  | # 85   |
| 61) 4-Nitroaniline             | 10.25 | 138 | 18113  | 2.81  | ng  | 86     |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 6494   | 2.04  | ng  | # 1    |
| 65) n-Nitrosodiphenylamine     | 10.45 | 169 | 494961 | 31.68 | ng  | # 47   |
| 68) Atrazine                   | 10.99 | 200 | 24780  | 4.92  | ng  | # 24   |
| 70) Phenanthrene               | 11.30 | 178 | 646709 | 22.66 | ng  | # 93   |
| 73) Di-n-butylphthalate        | 11.81 | 149 | 11506  | Below | Cal | # 1    |
| 76) Benzidine                  | 12.57 | 184 | 2767   | Below | Cal | # 1    |
| 77) Pyrene                     | 12.48 | 202 | 140422 | 4.38  | ng  | 94     |
| 80) Benzo(a)anthracene         | 13.88 | 228 | 61013  | 2.47  | ng  | # 80   |
| 82) Chrysene                   | 13.92 | 228 | 62244  | 2.52  | ng  | # 90   |
| 85) Indeno(1,2,3-cd)pyrene     | 16.61 | 276 | 61365  | 2.86  | ng  | 96     |
| 87) Benzo(b)fluoranthene       | 14.89 | 252 | 157063 | 5.97  | ng  | # 91   |
| 88) Benzo(k)fluoranthene       | 14.89 | 252 | 157063 | 7.00  | ng  | # 90   |
| 89) Benzo(a)pyrene             | 15.22 | 252 | 76968  | 3.29  | ng  | # 87   |
| 91) Benzo(g,h,i)perylene       | 17.01 | 276 | 57151  | 2.86  | ng  | 95     |

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Operator : UM/SJ  
Sample : H6238-07  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-002-COMP

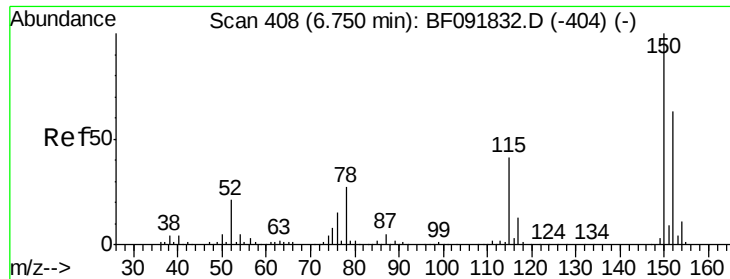
Quant Time: Dec 23 22:06:57 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 16:17:51 2016  
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|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

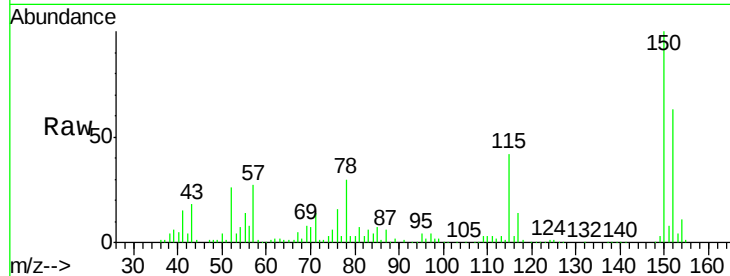
Tgt Ion:152 Resp: 205879

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

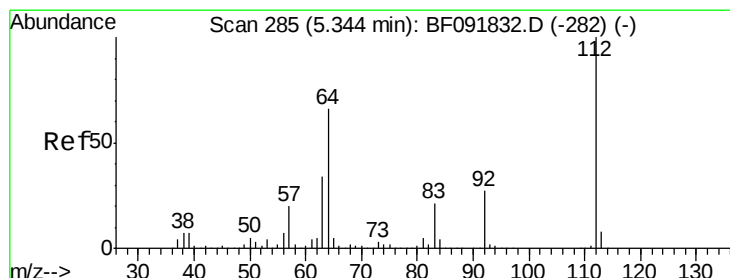
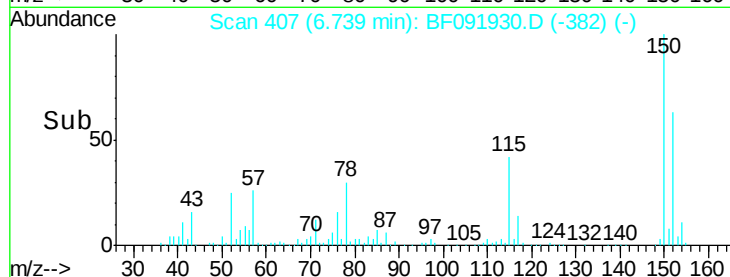
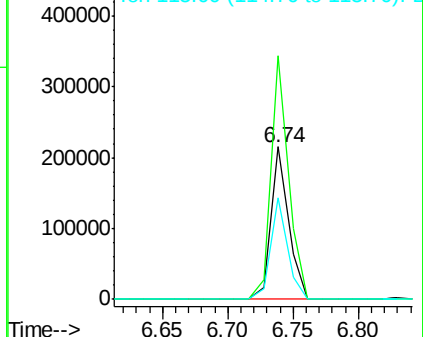
115 67.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 118.70 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

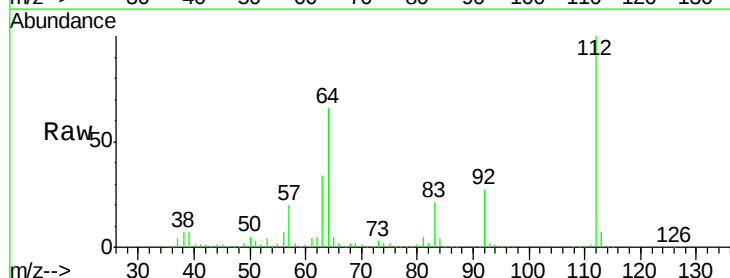
Tgt Ion:112 Resp: 1463618

Ion Ratio Lower Upper

112 100

64 65.6 46.1 69.1

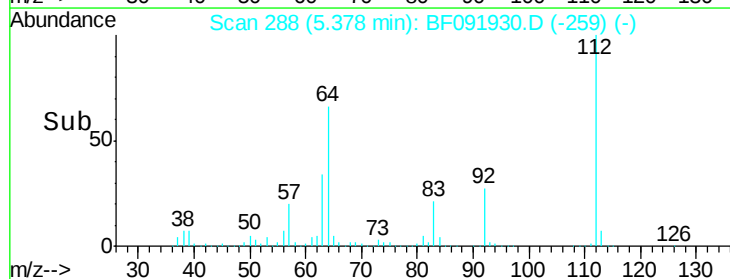
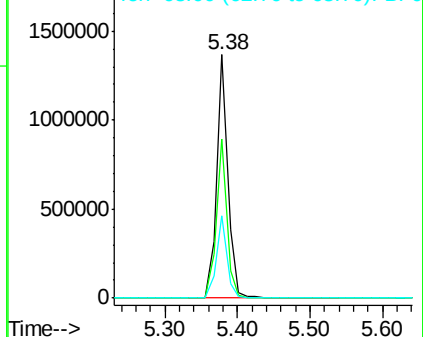
63 33.6 23.8 35.6

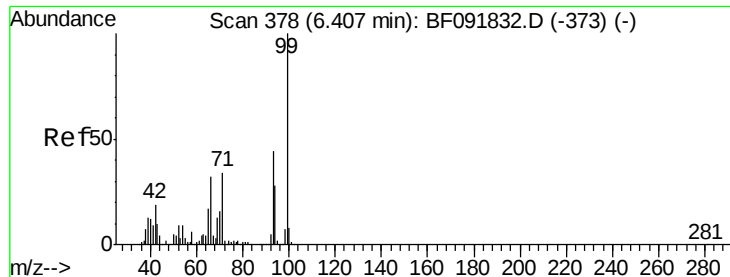


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.32 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

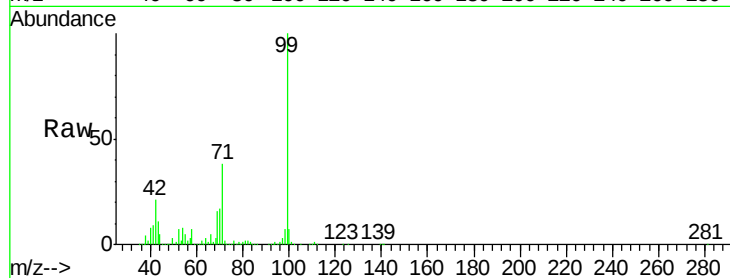
Tgt Ion: 99 Resp: 1615524

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

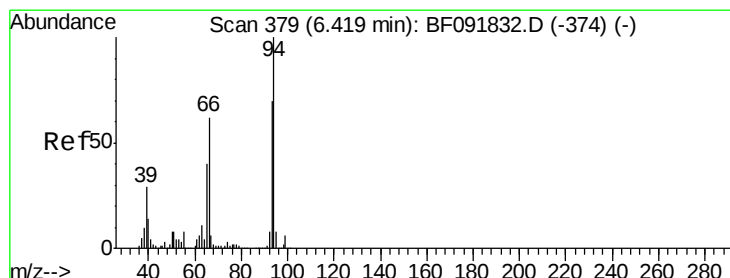
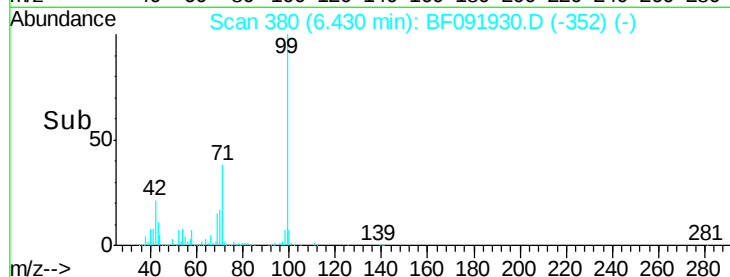
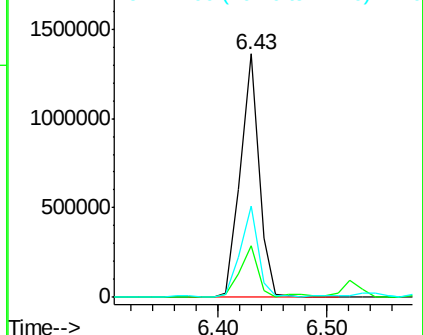
71 37.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.06 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

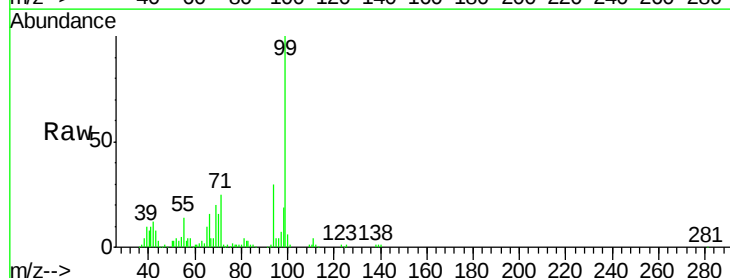
Tgt Ion: 94 Resp: 86784

Ion Ratio Lower Upper

94 100

65 34.6 21.4 61.4

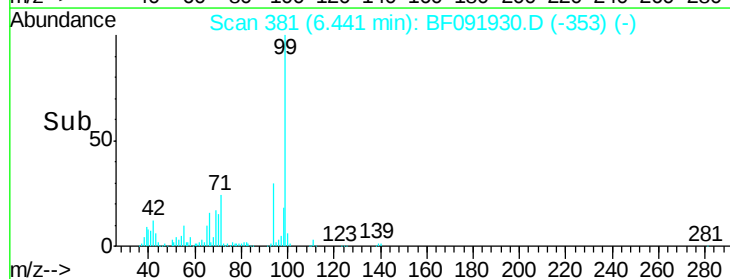
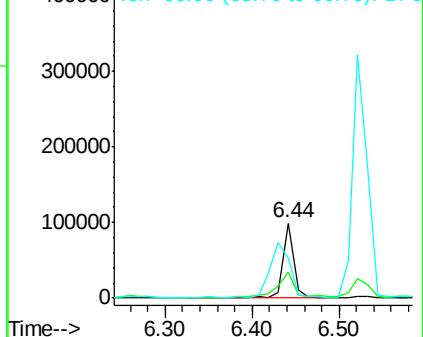
66 53.5 44.0 84.0

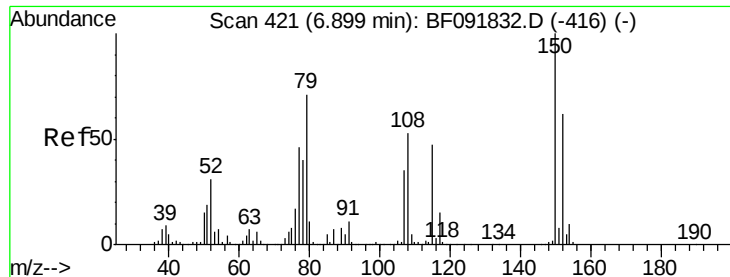


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

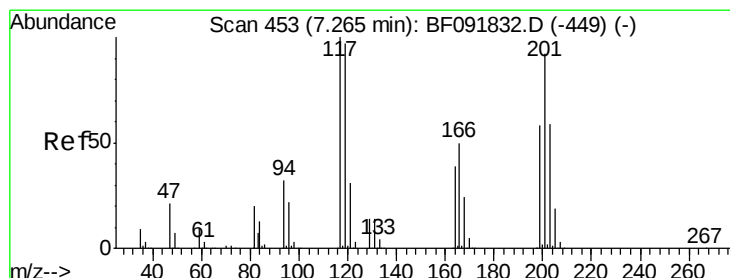
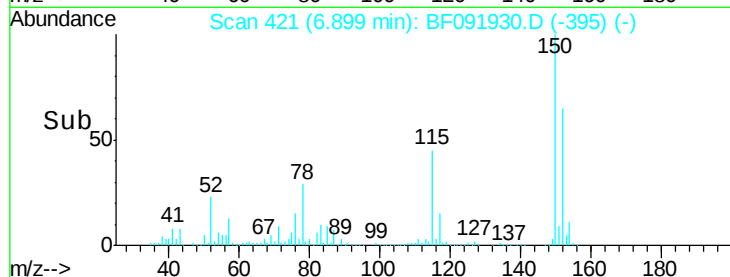
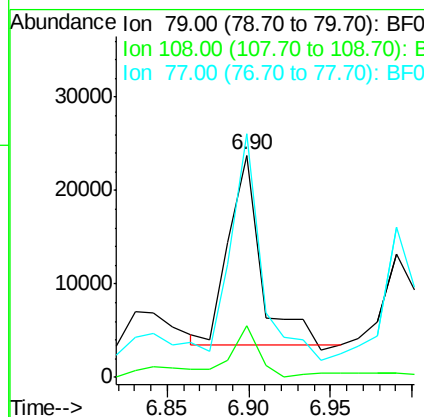
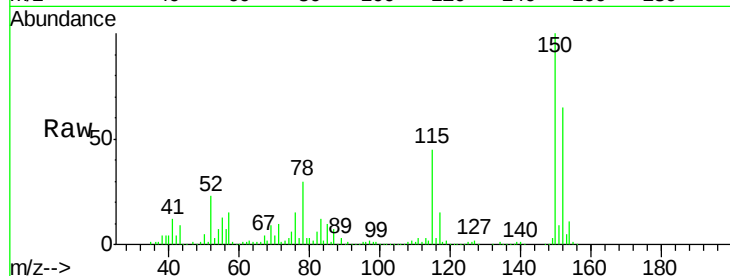
Tgt Ion: 79 Resp: 27542

Ion Ratio Lower Upper

79 100

108 23.1 61.4 92.0#

77 109.5 50.9 76.3#



#18

Hexachloroethane

Concen: 43.97 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.05 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

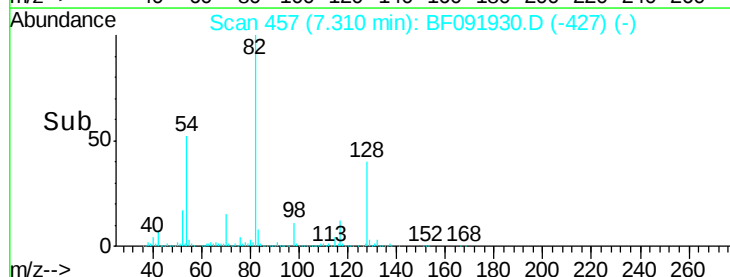
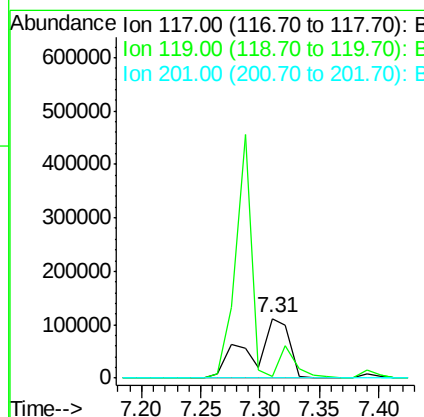
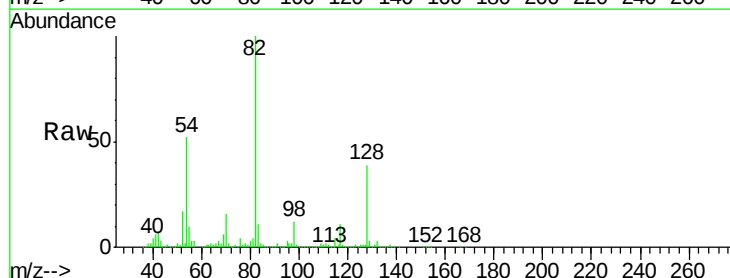
Tgt Ion: 117 Resp: 248405

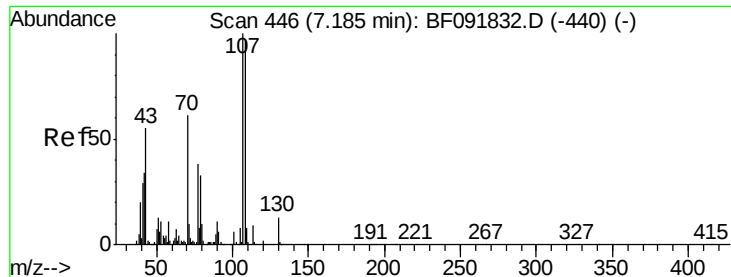
Ion Ratio Lower Upper

117 100

119 3.3 78.1 117.1#

201 0.0 78.6 117.8#

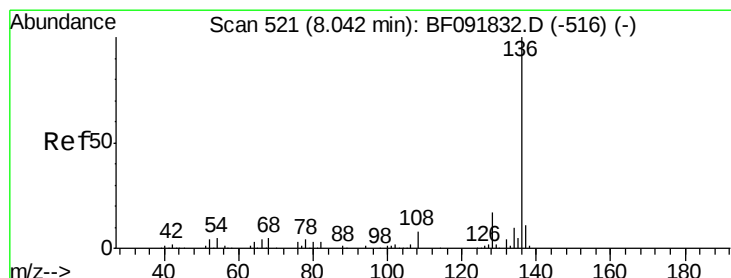
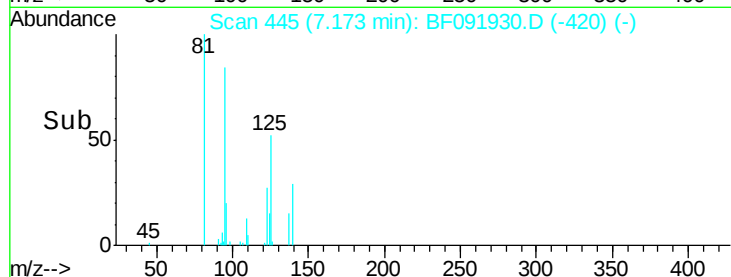
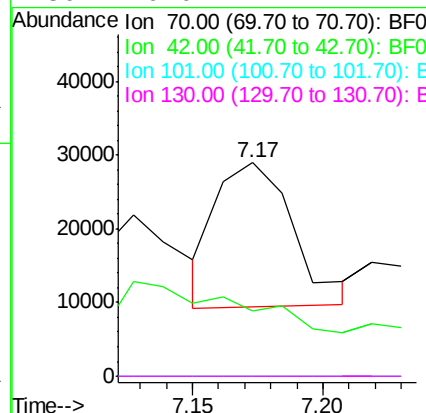
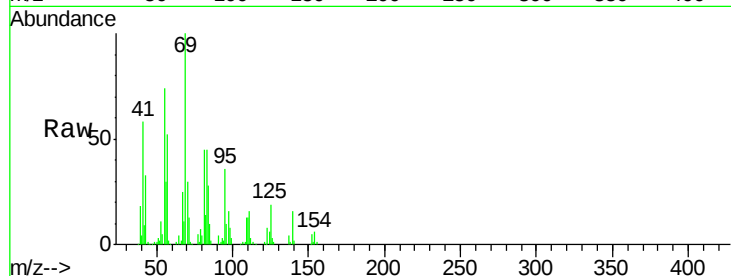




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.99 ng  
RT: 7.17 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

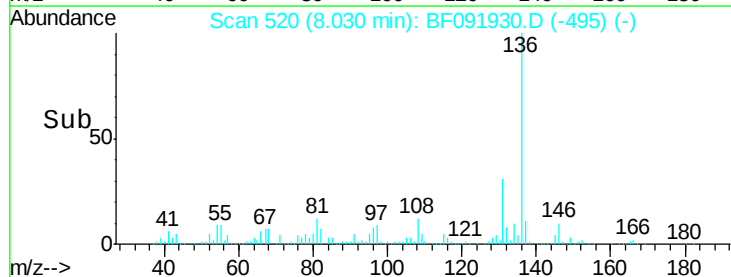
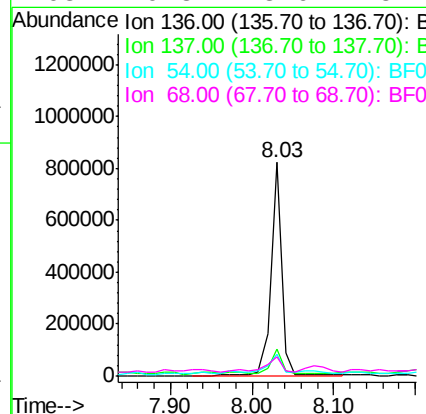
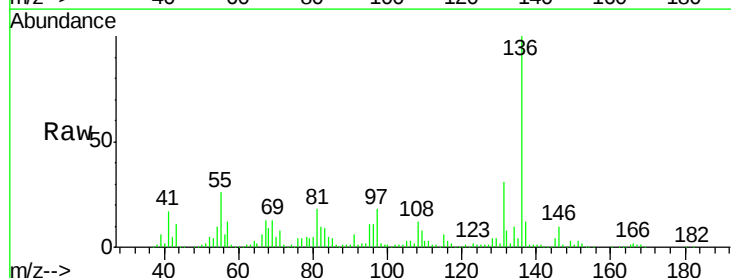
Instrument :  
BNA\_F  
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PIT-002-COMP

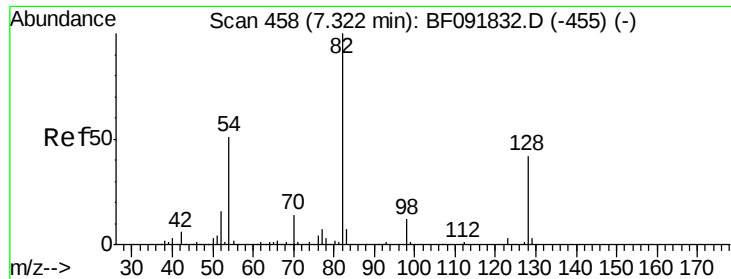
Tgt Ion: 70 Resp: 39932  
Ion Ratio Lower Upper  
70 100  
42 30.8 49.4 74.0#  
101 0.0 7.4 11.2#  
130 0.0 14.2 21.4#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.03 min Scan# 520  
Delta R.T. -0.01 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

Tgt Ion: 136 Resp: 770227  
Ion Ratio Lower Upper  
136 100  
137 12.3 8.4 12.6  
54 10.5 4.5 6.7#  
68 9.3 3.6 5.4#

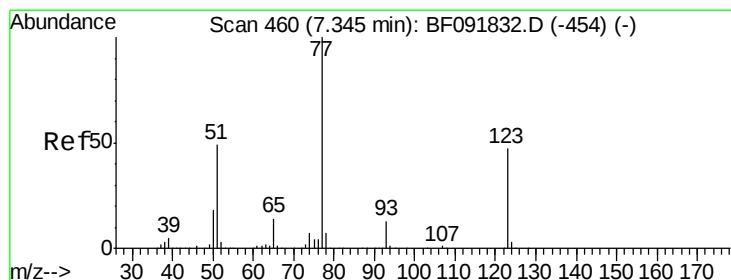
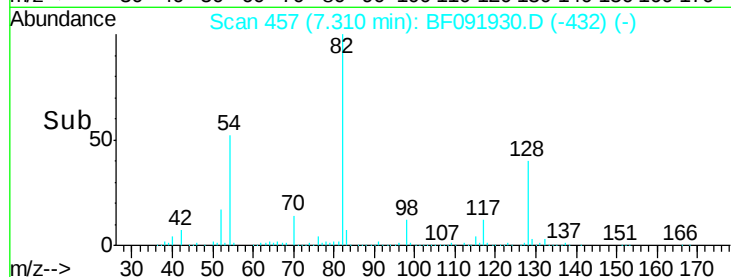
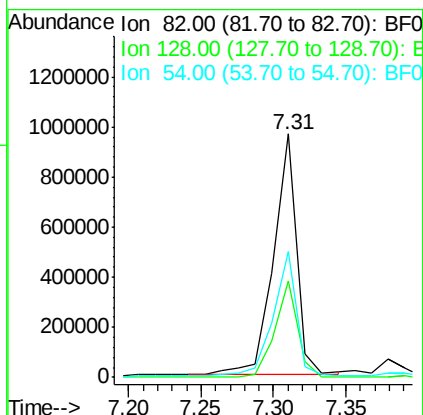
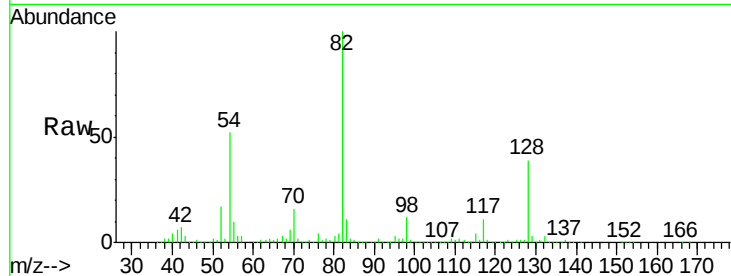




#23  
 Nitrobenzene-d5  
 Concen: 77.22 ng  
 RT: 7.31 min Scan# 457  
 Delta R.T. -0.01 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

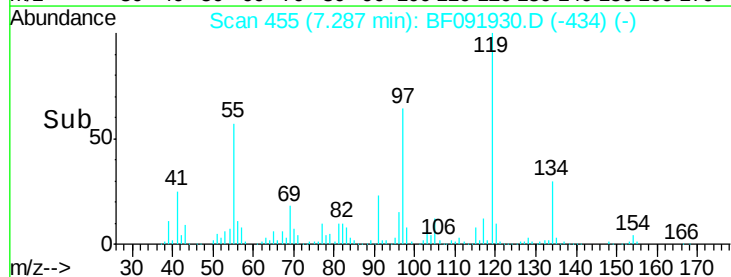
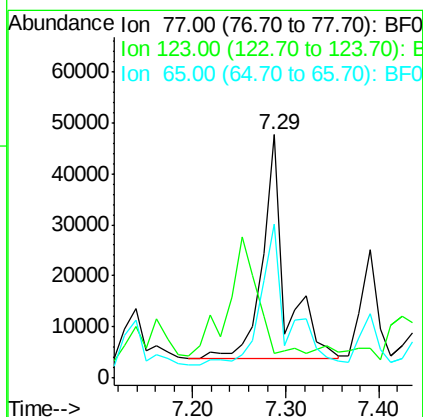
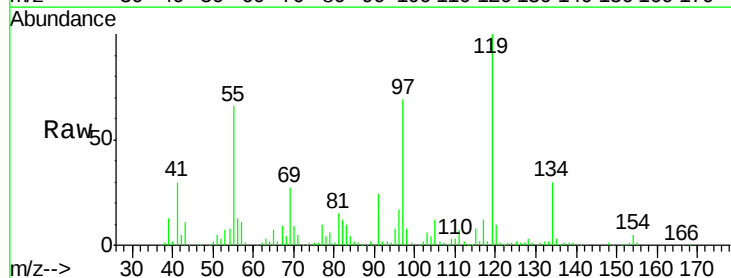
Instrument :  
 BNA\_F  
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 PIT-002-COMP

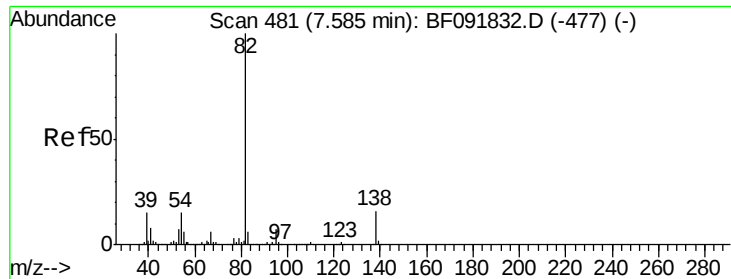
Tgt Ion: 82 Resp: 1069619  
 Ion Ratio Lower Upper  
 82 100  
 128 39.5 34.6 52.0  
 54 51.6 39.5 59.3



#24  
 Nitrobenzene  
 Concen: 5.09 ng  
 RT: 7.29 min Scan# 455  
 Delta R.T. -0.06 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

Tgt Ion: 77 Resp: 75106  
 Ion Ratio Lower Upper  
 77 100  
 123 10.3 33.0 49.4#  
 65 63.2 11.2 16.8#





#25

Isophorone

Concen: 4.89 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

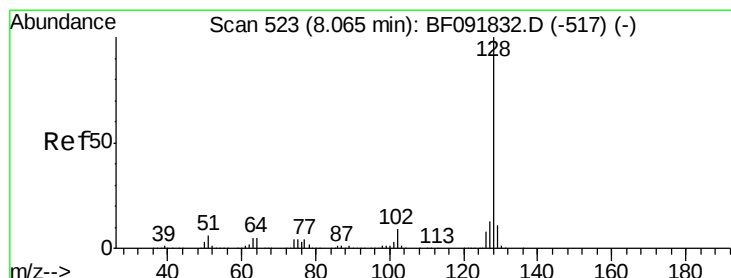
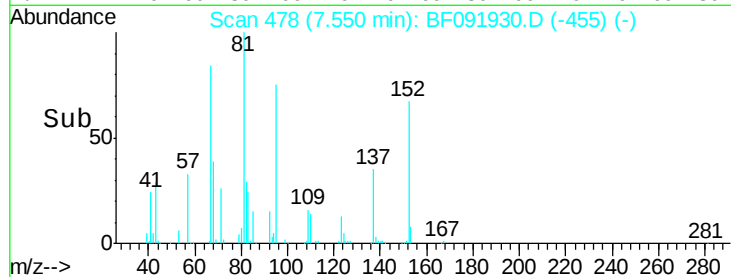
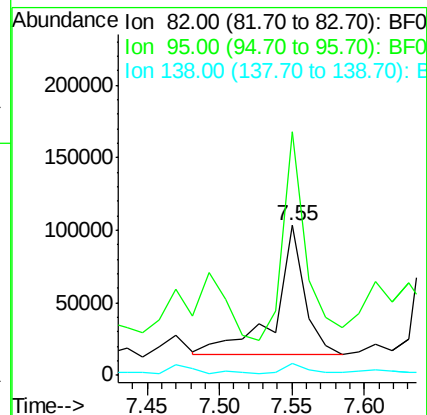
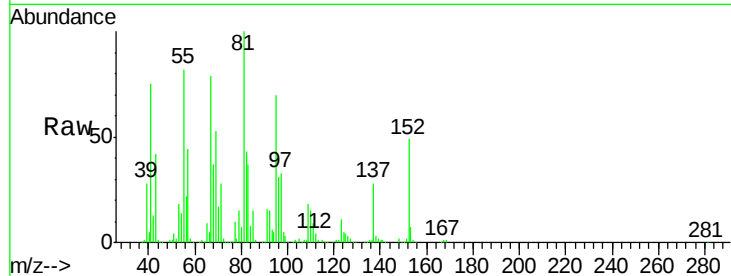
Tgt Ion: 82 Resp: 125080

Ion Ratio Lower Upper

82 100

95 162.6 5.6 8.4#

138 7.7 14.6 22.0#



#31

Naphthalene

Concen: 2.44 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

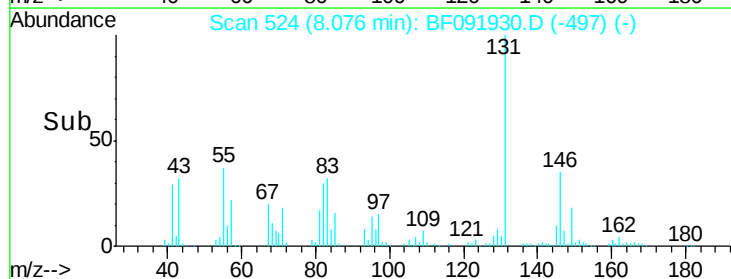
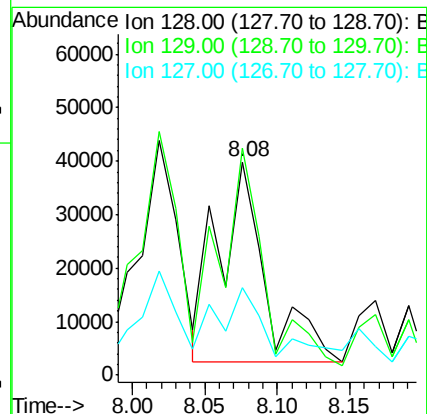
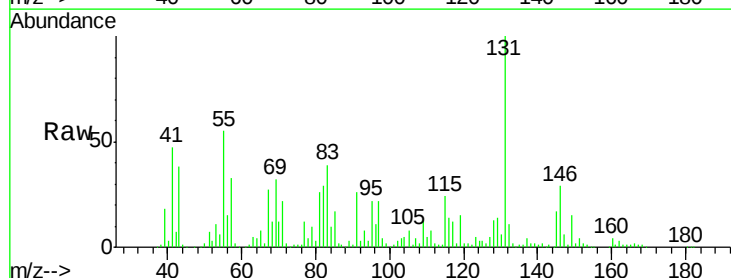
Tgt Ion: 128 Resp: 85894

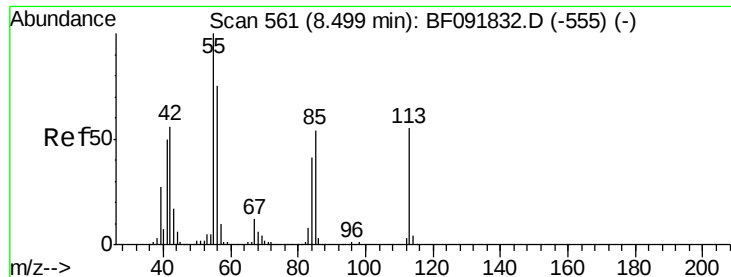
Ion Ratio Lower Upper

128 100

129 106.5 9.5 14.3#

127 41.2 10.8 16.2#





#35

Caprolactam

Concen: 43.54 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

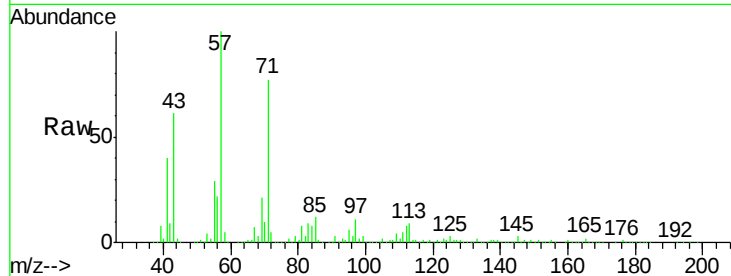
Tgt Ion:113 Resp: 146206

Ion Ratio Lower Upper

113 100

55 339.6 119.2 159.2#

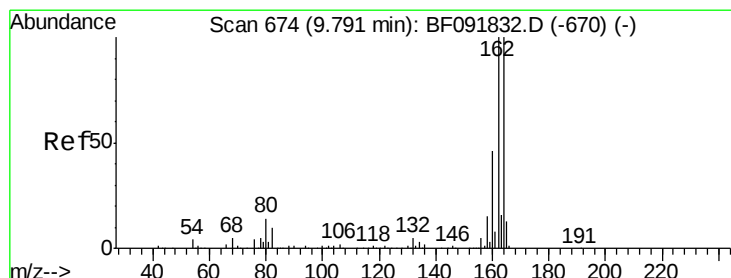
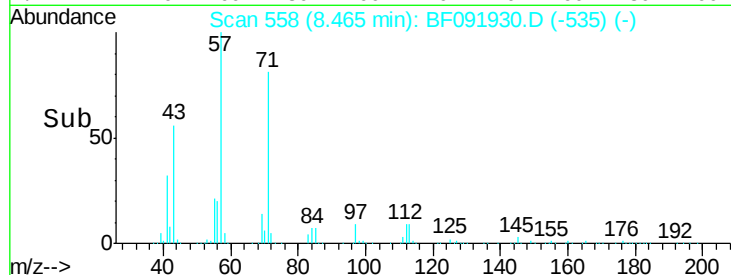
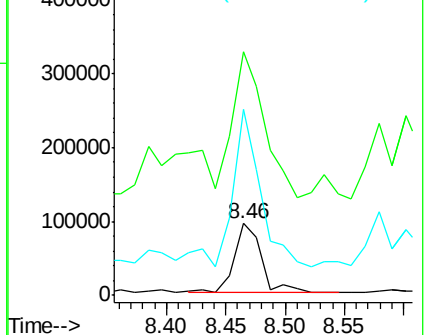
56 258.8 83.8 123.8#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

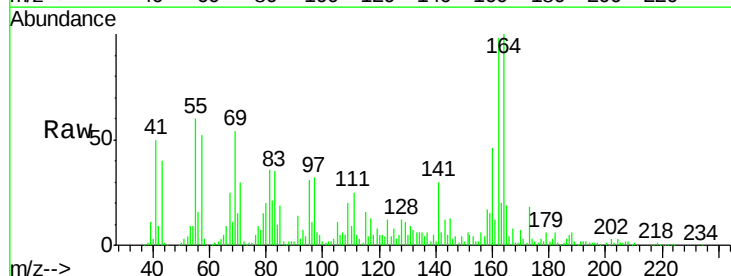
Tgt Ion:164 Resp: 359258

Ion Ratio Lower Upper

164 100

162 98.1 80.2 120.2

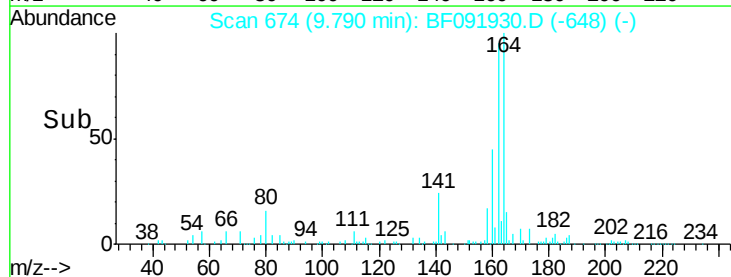
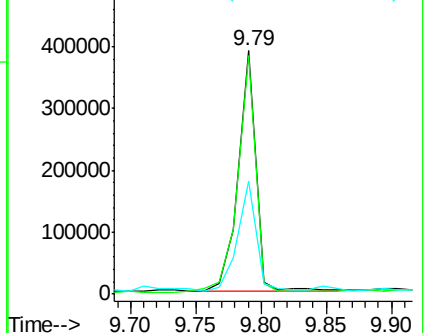
160 46.2 36.9 55.3

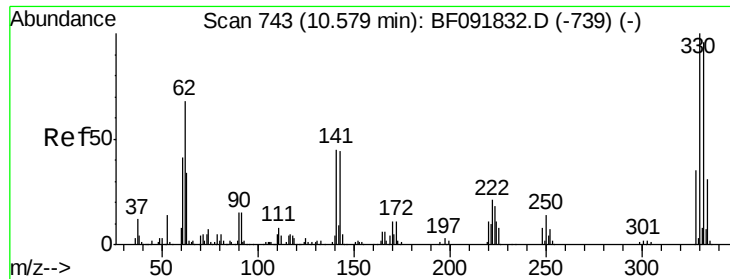


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

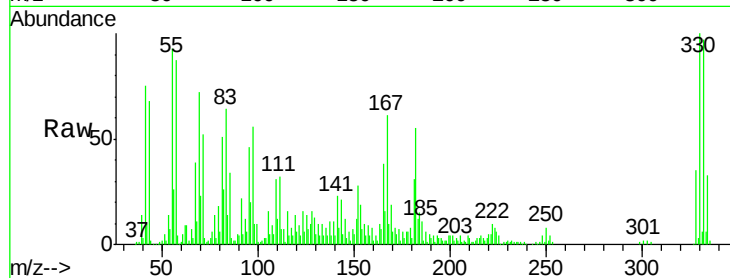




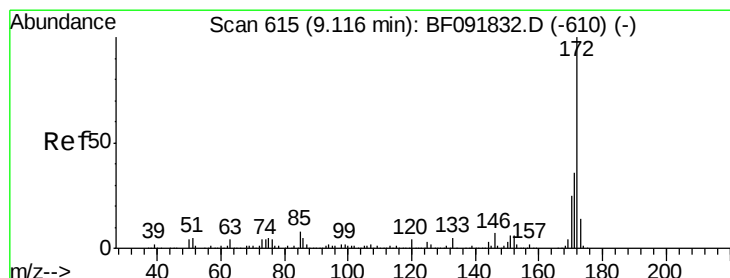
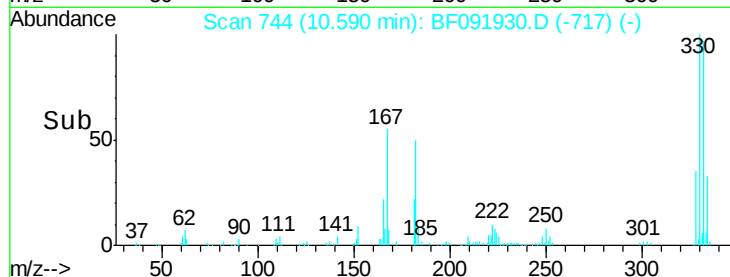
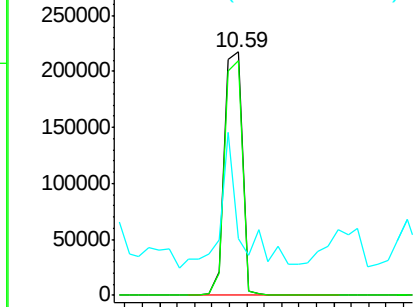
#41  
 2,4,6-Tribromophenol  
 Concen: 105.89 ng  
 RT: 10.59 min Scan# 744  
 Delta R.T. 0.01 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-002-COMP

Tgt Ion:330 Resp: 314824  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 77.4 116.2  
 141 46.5 34.1 51.1

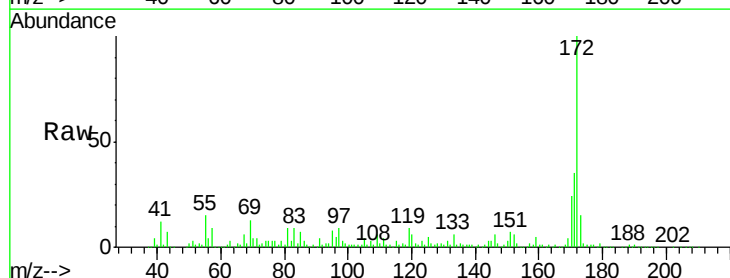


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

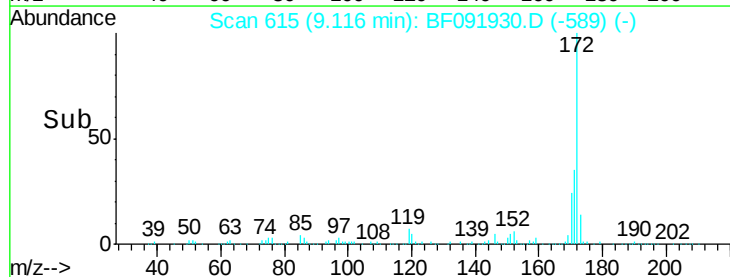
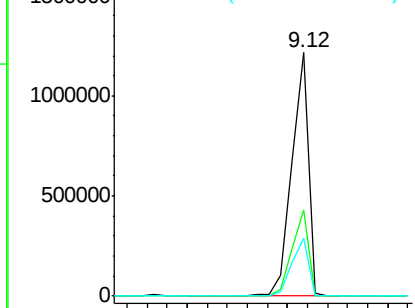


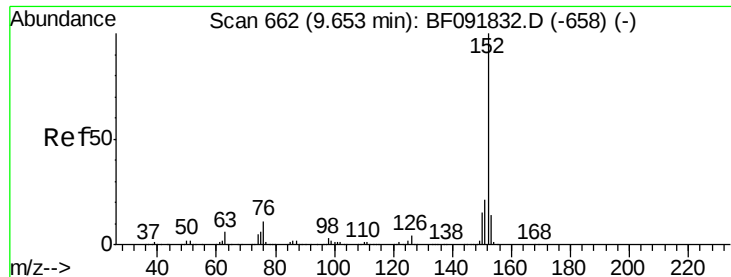
#44  
 2-Fluorobiphenyl  
 Concen: 78.46 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. 0.00 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

Tgt Ion:172 Resp: 1393107  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 29.4 44.0  
 170 24.0 20.2 30.4



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





#48

Acenaphthylene

Concen: 2.00 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

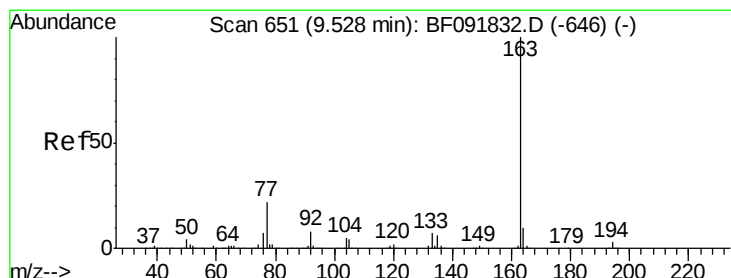
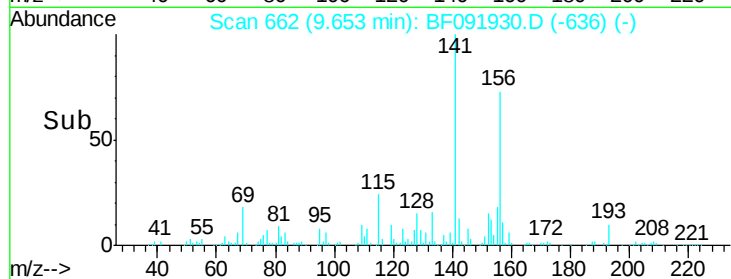
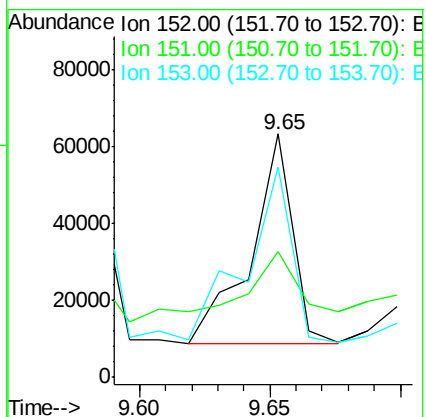
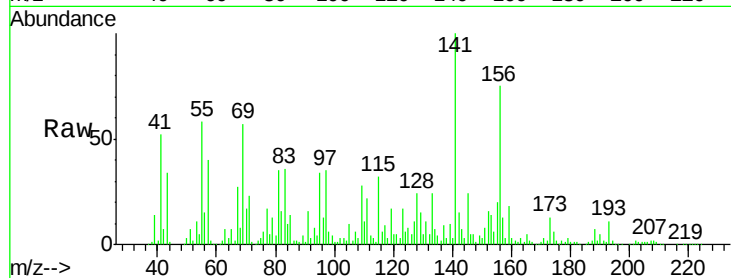
Tgt Ion:152 Resp: 59966

Ion Ratio Lower Upper

152 100

151 51.5 16.9 25.3#

153 86.6 11.4 17.2#



#49

Dimethylphthalate

Concen: 14.61 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

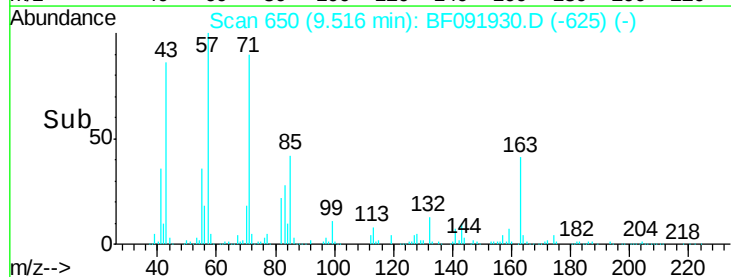
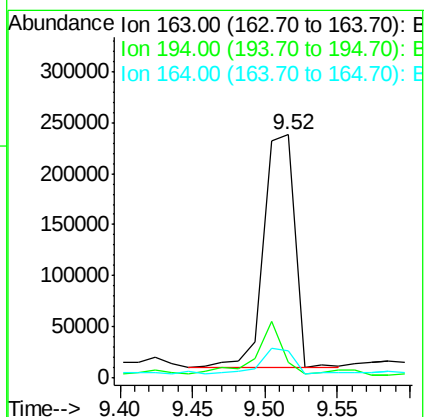
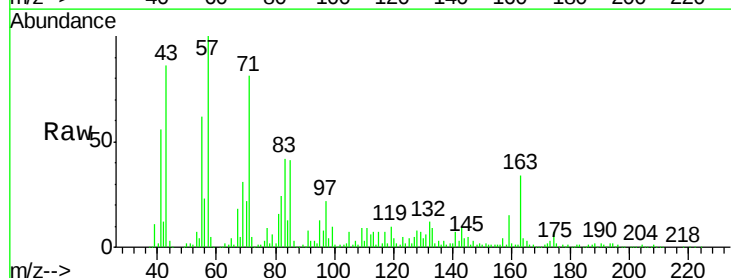
Tgt Ion:163 Resp: 335599

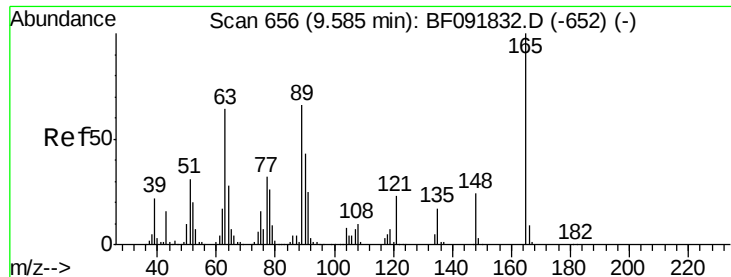
Ion Ratio Lower Upper

163 100

194 6.2 3.0 4.4#

164 11.1 8.0 12.0

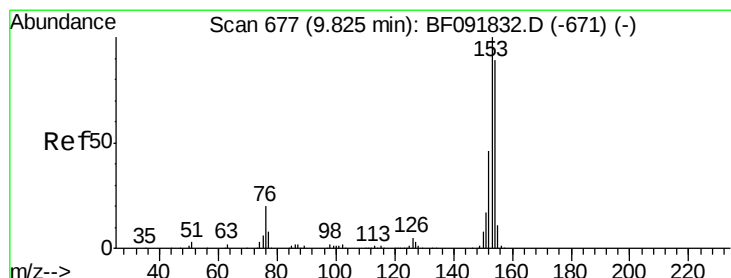
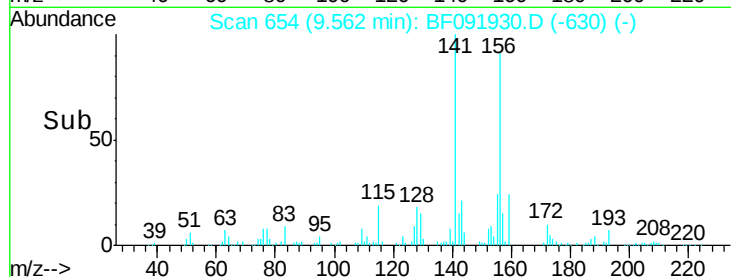
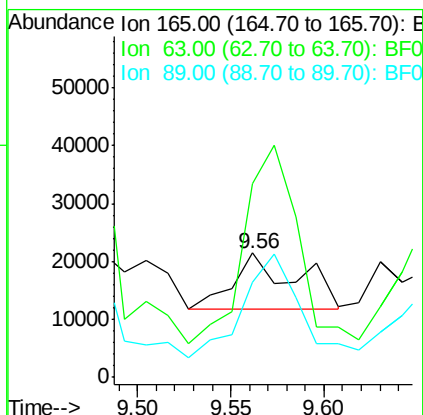
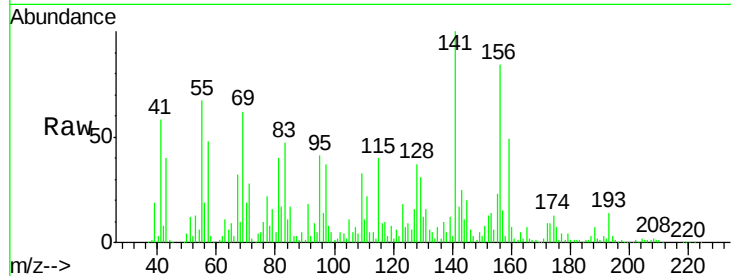




#50  
2,6-Dinitrotoluene  
Concen: 4.44 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.02 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

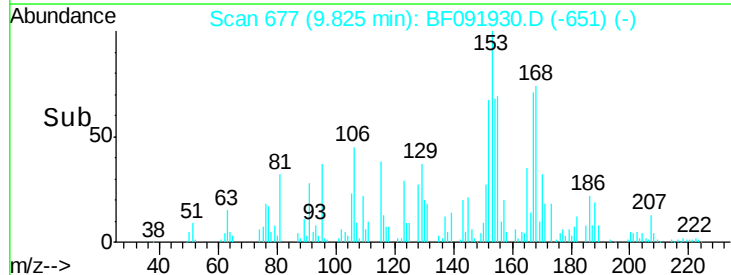
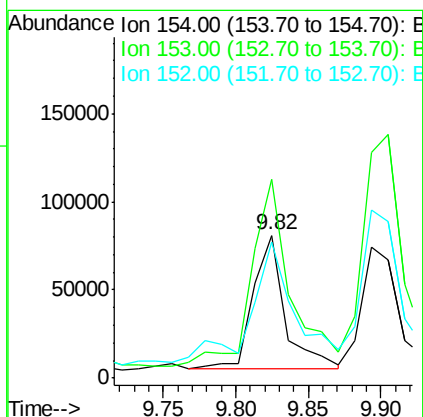
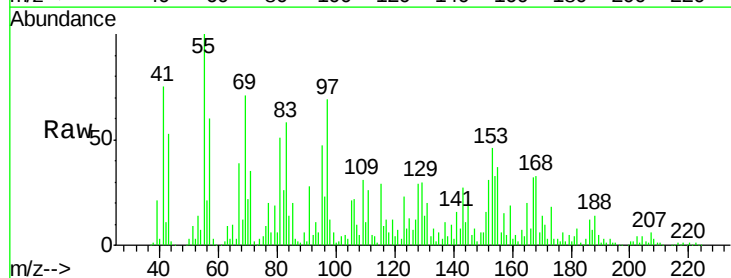
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-002-COMP

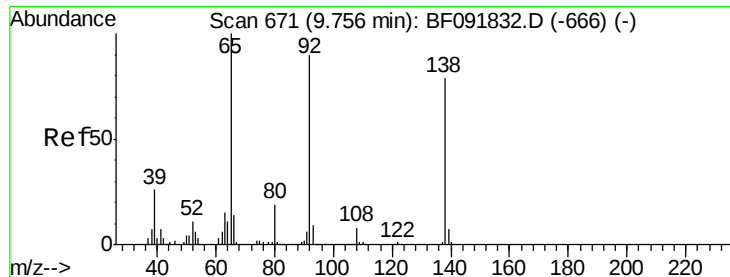
Tgt Ion:165 Resp: 22312  
Ion Ratio Lower Upper  
165 100  
63 155.8 36.2 54.4#  
89 76.7 40.2 60.4#



#51  
Acenaphthene  
Concen: 5.56 ng  
RT: 9.82 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

Tgt Ion:154 Resp: 112954  
Ion Ratio Lower Upper  
154 100  
153 139.2 88.6 133.0#  
152 95.3 41.6 62.4#





#52

3-Nitroaniline

Concen: 3.79 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

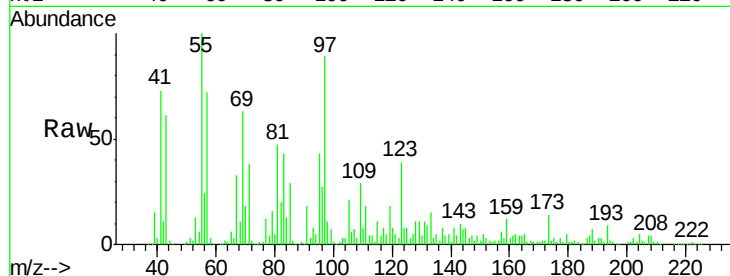
Tgt Ion:138 Resp: 23562

Ion Ratio Lower Upper

138 100

108 85.9 8.5 12.7#

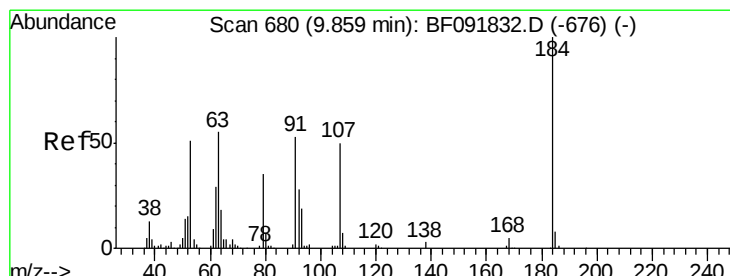
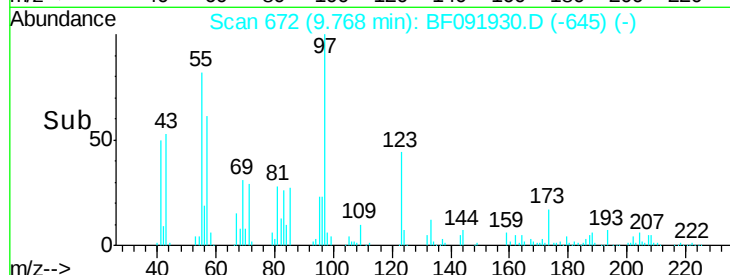
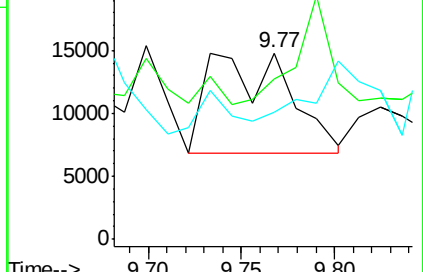
92 67.9 97.8 146.8#



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: 9.59 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.22 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

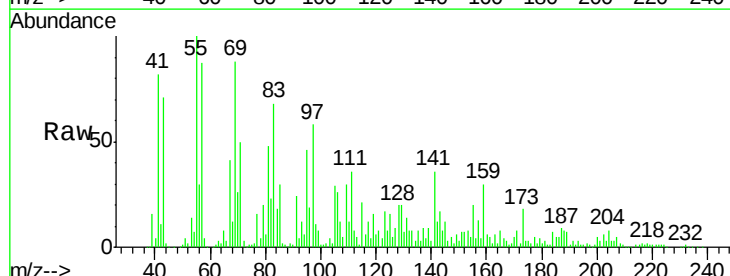
Tgt Ion:184 Resp: 26825

Ion Ratio Lower Upper

184 100

63 40.3 28.4 42.6

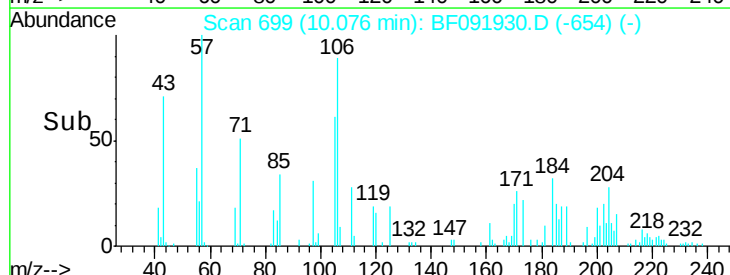
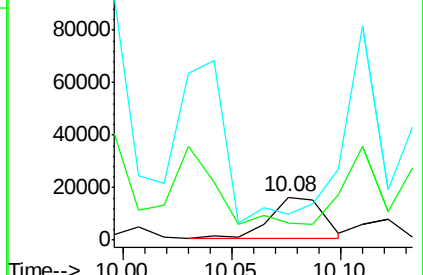
154 61.6 44.3 66.5

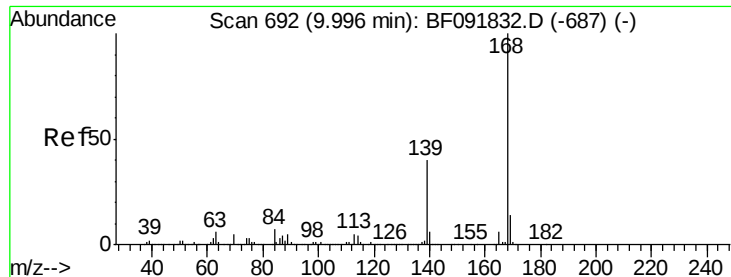


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.55 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

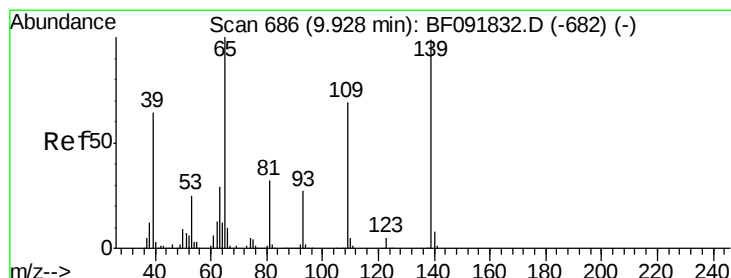
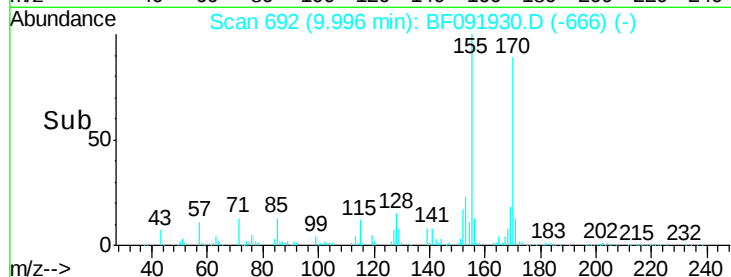
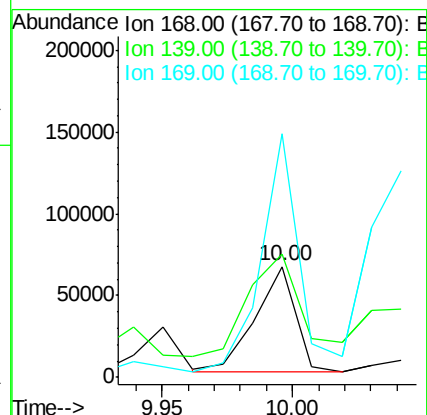
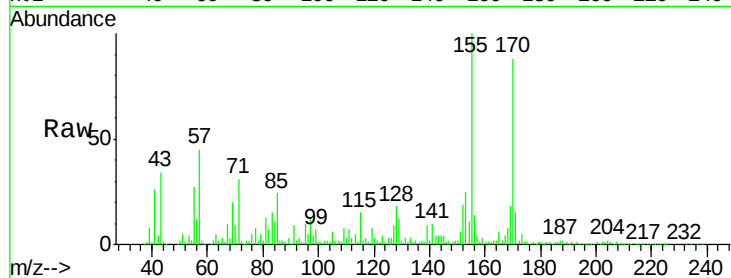
Tgt Ion:168 Resp: 69823

Ion Ratio Lower Upper

168 100

139 111.7 32.6 49.0#

169 219.9 11.3 16.9#



#55

4-Nitrophenol

Concen: 19.38 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

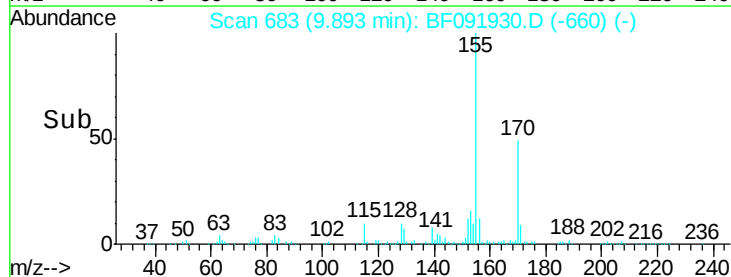
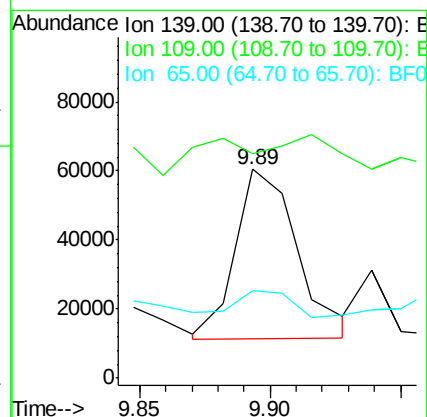
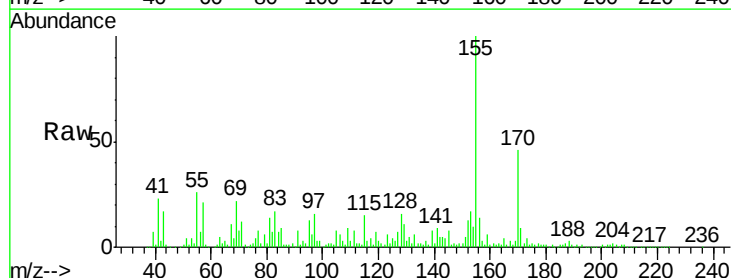
Tgt Ion:139 Resp: 81891

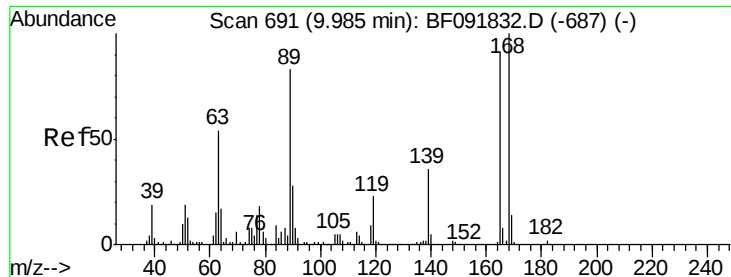
Ion Ratio Lower Upper

139 100

109 107.5 52.2 92.2#

65 42.1 85.8 125.8#





#56

2,4-Dinitrotoluene

Concen: 8.07 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

Tgt Ion:165 Resp: 50967

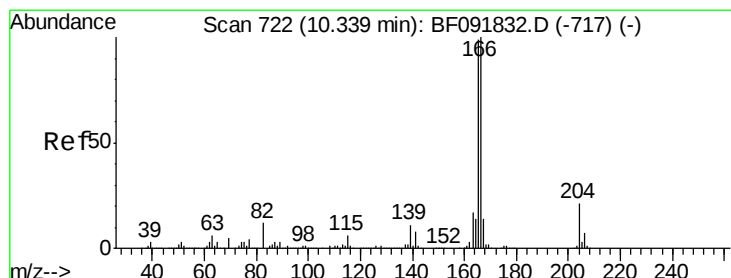
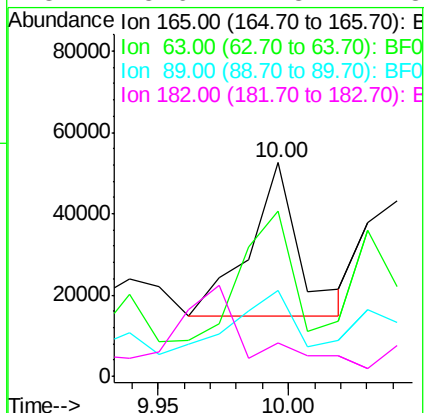
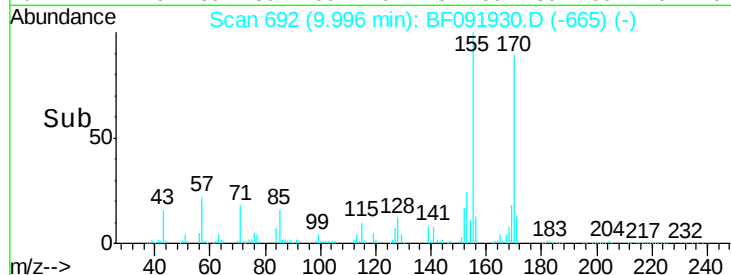
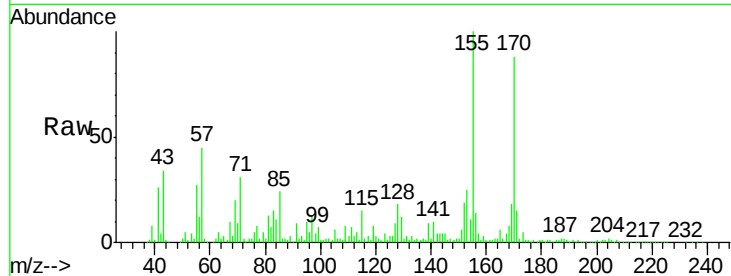
Ion Ratio Lower Upper

165 100

63 77.5 40.2 60.4#

89 39.9 62.5 93.7#

182 15.6 1.8 2.8#



#57

Fluorene

Concen: 11.27 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

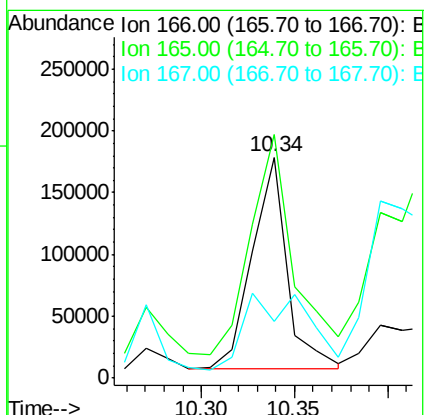
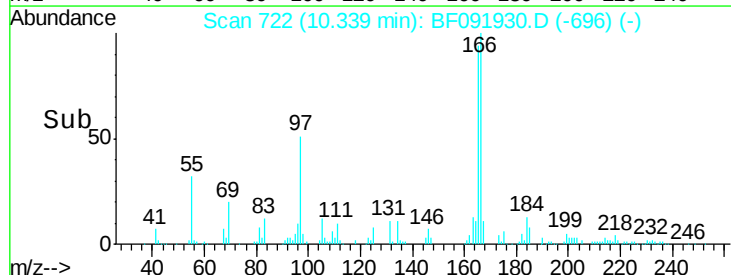
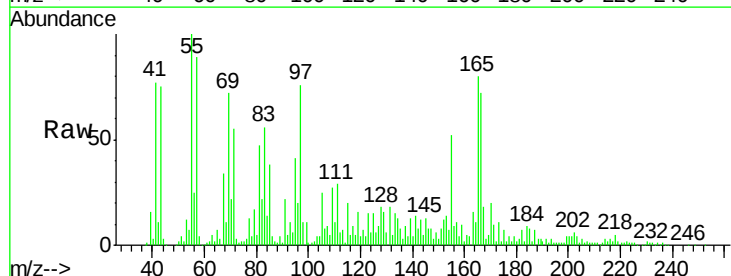
Tgt Ion:166 Resp: 224986

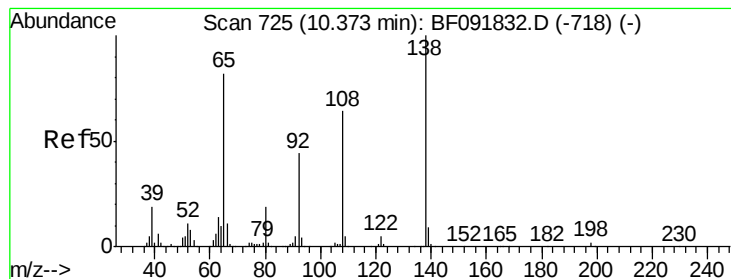
Ion Ratio Lower Upper

166 100

165 110.3 77.8 116.8

167 25.4 10.8 16.2#





#61

4-Nitroaniline

Concen: 2.81 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.13 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

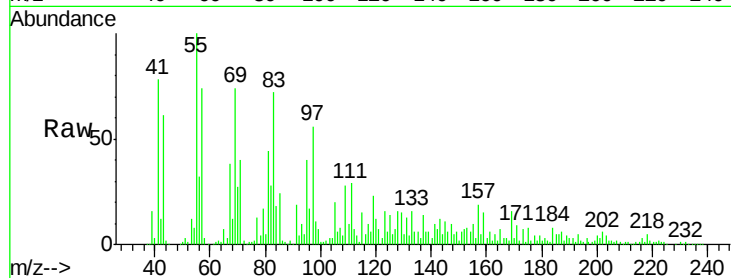
Tgt Ion:138 Resp: 18113

Ion Ratio Lower Upper

138 100

92 66.9 31.7 71.7

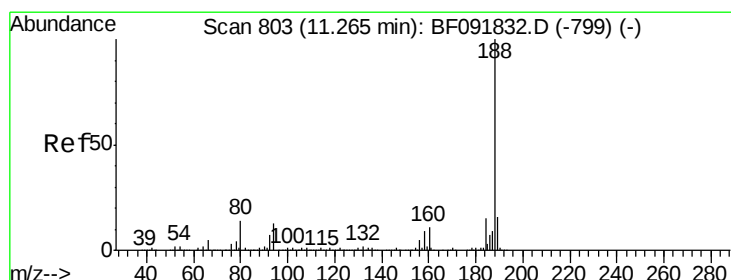
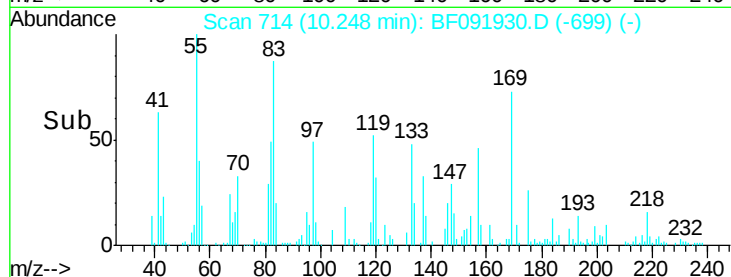
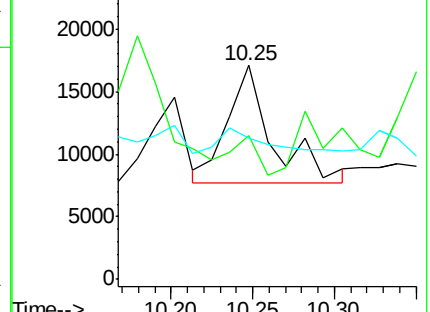
108 66.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

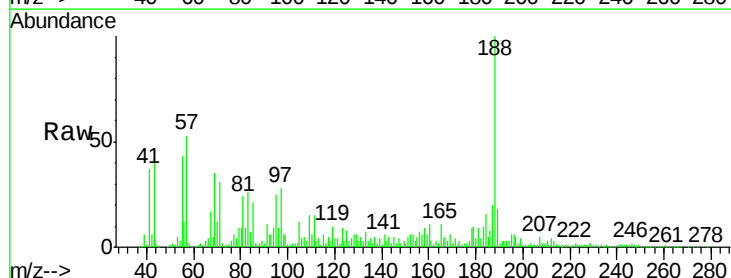
Tgt Ion:188 Resp: 526446

Ion Ratio Lower Upper

188 100

94 9.1 10.0 15.0#

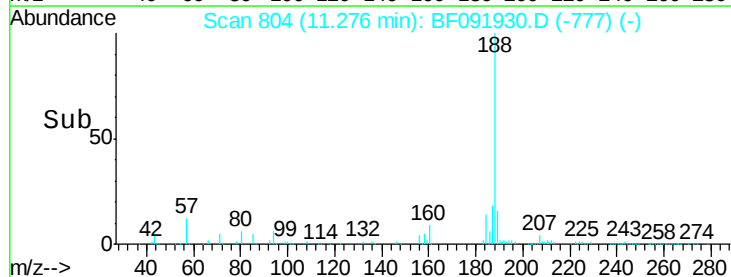
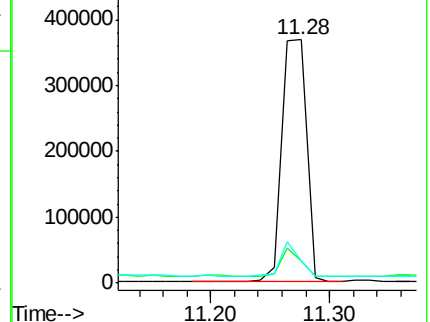
80 9.2 11.2 16.8#

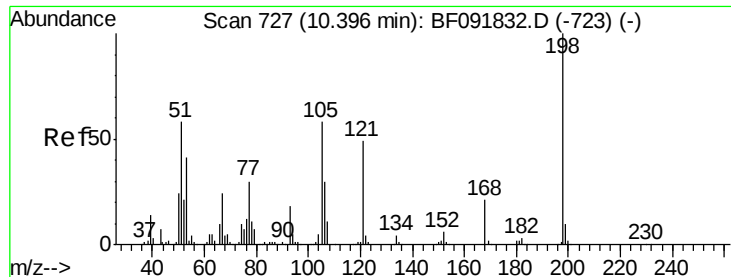


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.04 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

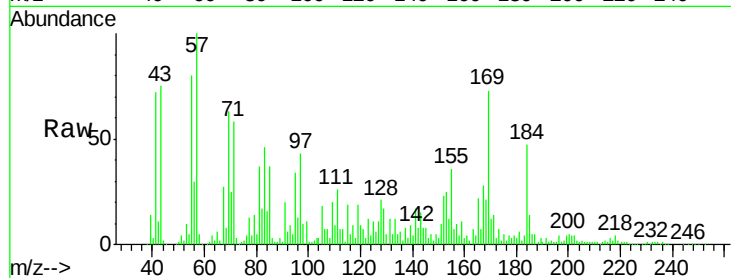
Tgt Ion:198 Resp: 6494

Ion Ratio Lower Upper

198 100

51 278.3 6.7 46.7#

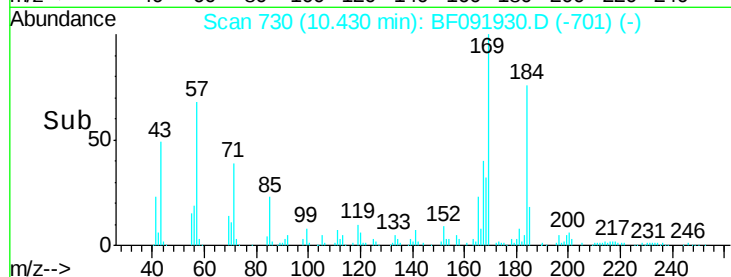
105 1165.8 16.6 56.6#



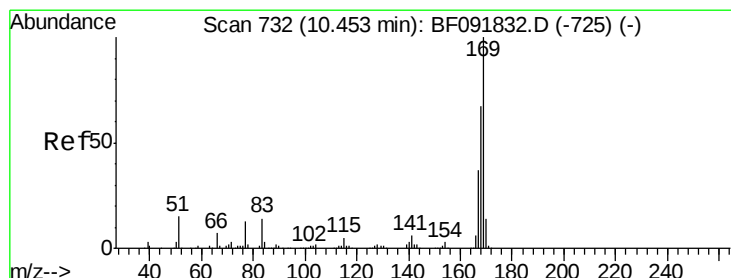
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 31.68 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

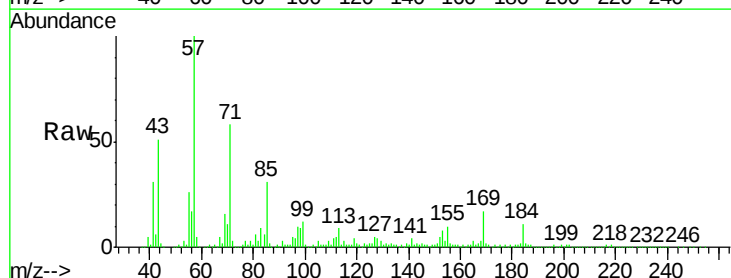
Tgt Ion:169 Resp: 494961

Ion Ratio Lower Upper

169 100

168 19.8 54.2 81.2#

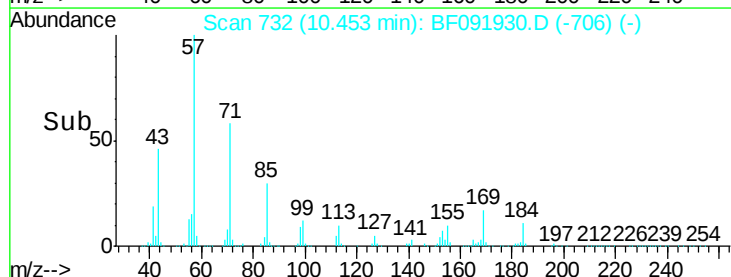
167 12.5 30.2 45.4#



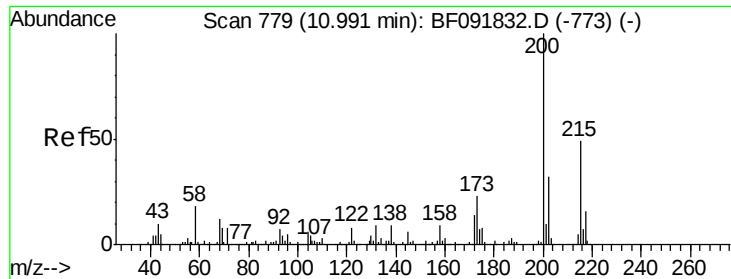
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



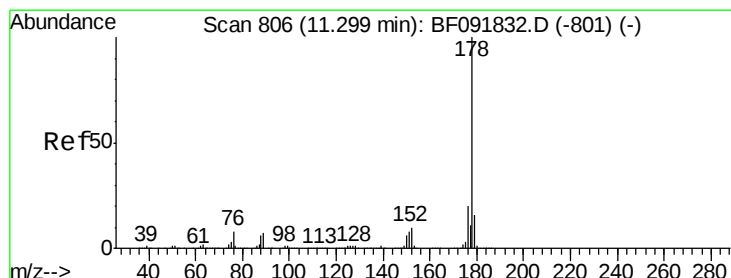
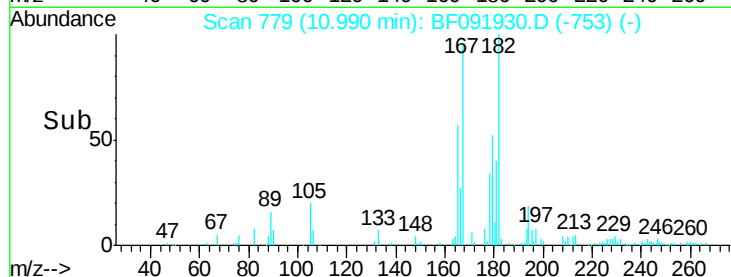
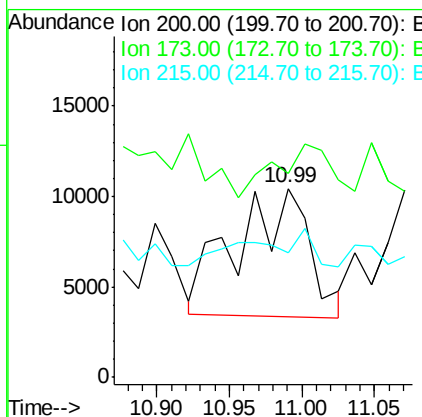
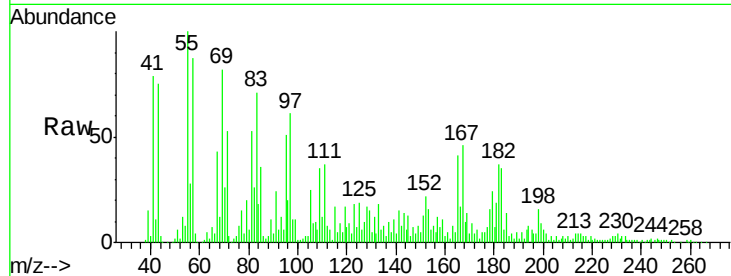
Time-->



#68  
Atrazine  
Concen: 4.92 ng  
RT: 10.99 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

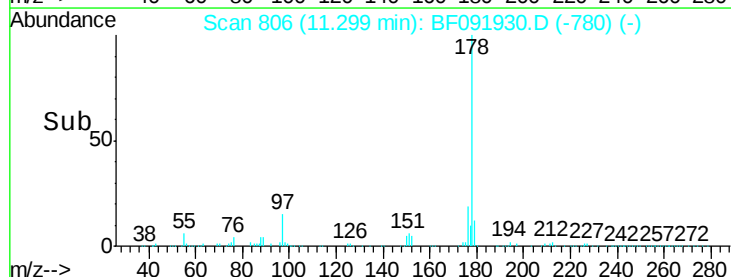
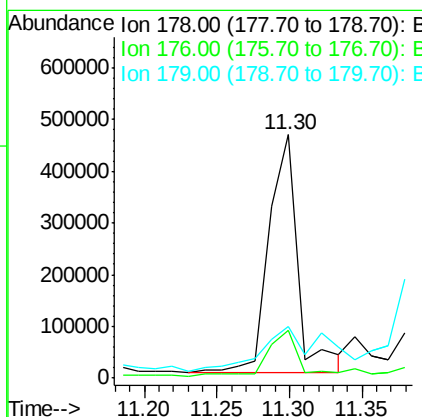
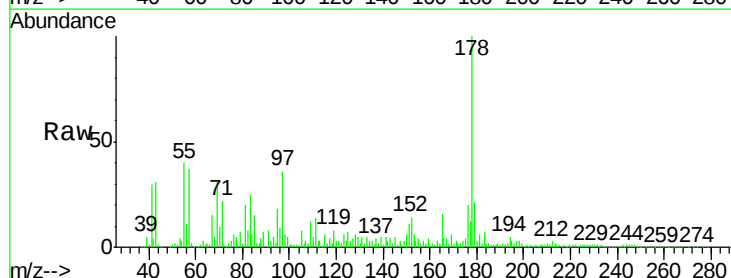
Instrument :  
BNA\_F  
ClientSampleId :  
PIT-002-COMP

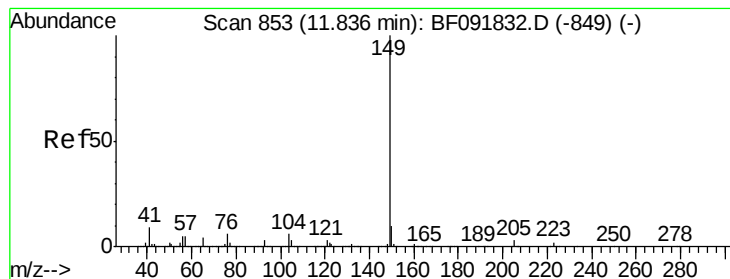
Tgt Ion:200 Resp: 24780  
Ion Ratio Lower Upper  
200 100  
173 108.1 9.6 49.6#  
215 65.6 25.7 65.7



#70  
Phenanthrene  
Concen: 22.66 ng  
RT: 11.30 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

Tgt Ion:178 Resp: 646709  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.6 25.0  
179 21.1 12.8 19.2#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.81 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

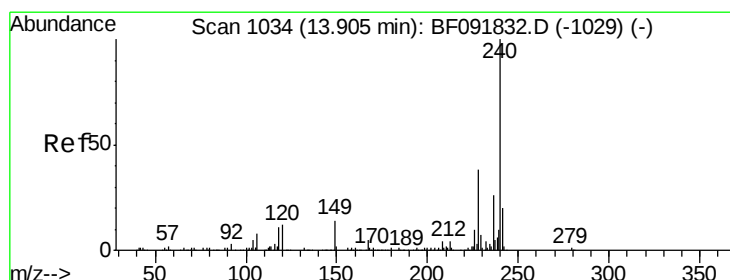
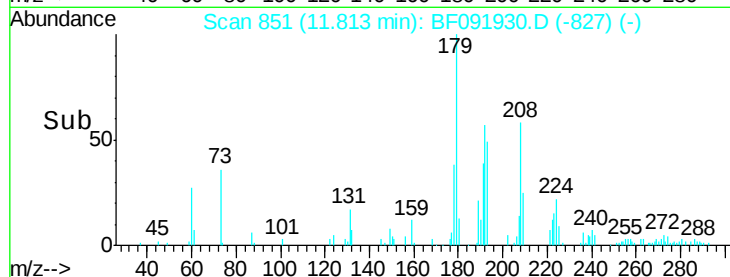
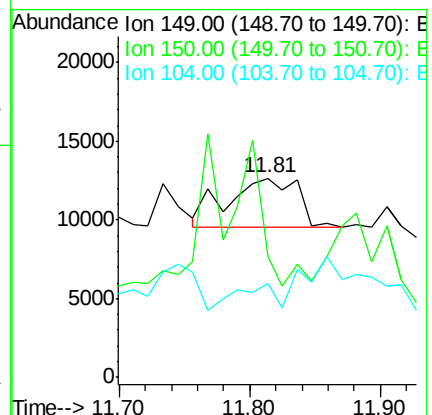
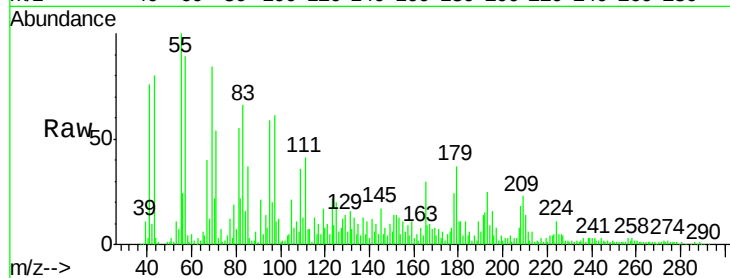
Tgt Ion:149 Resp: 11506

Ion Ratio Lower Upper

149 100

150 60.4 8.1 12.1#

104 47.3 4.6 7.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

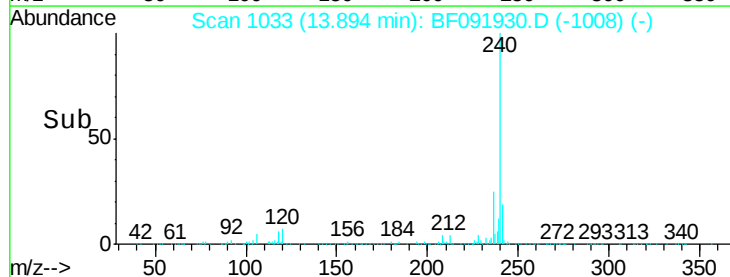
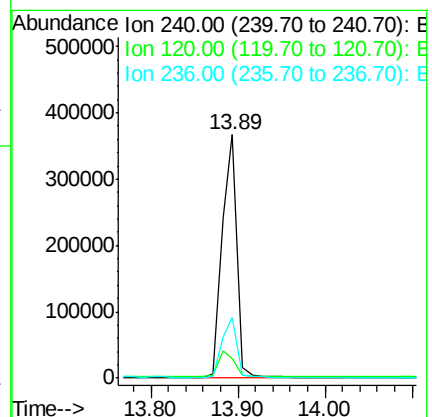
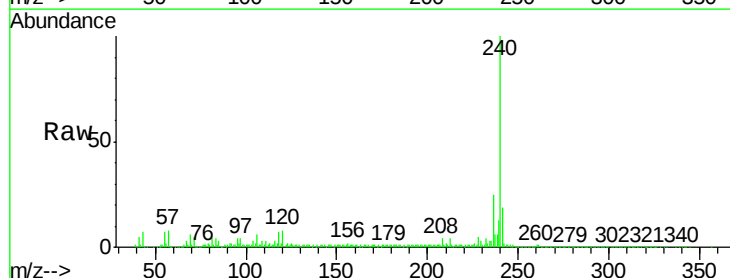
Tgt Ion:240 Resp: 436754

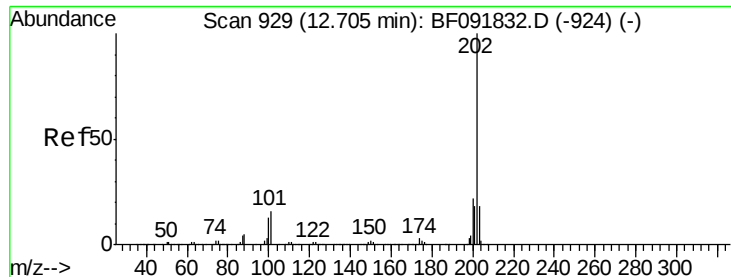
Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

236 25.1 20.9 31.3

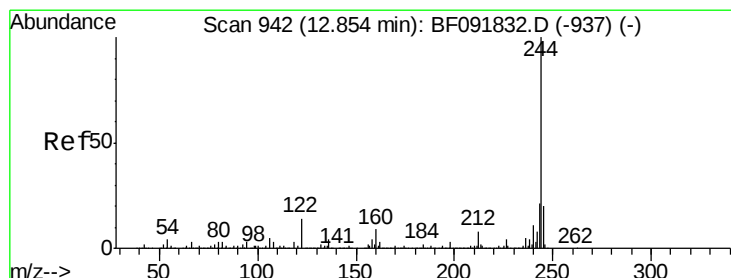
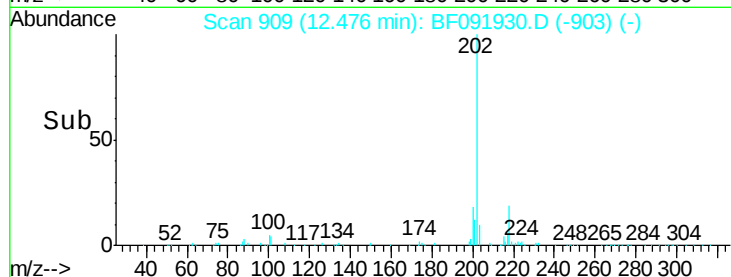
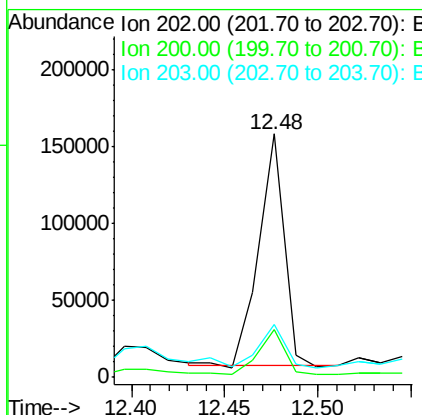
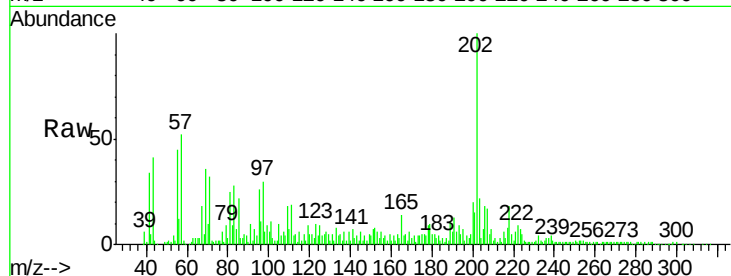




#77  
 Pyrene  
 Concen: 4.38 ng  
 RT: 12.48 min Scan# 909  
 Delta R.T. -0.23 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

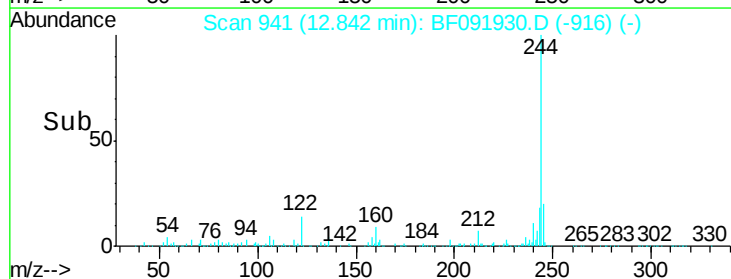
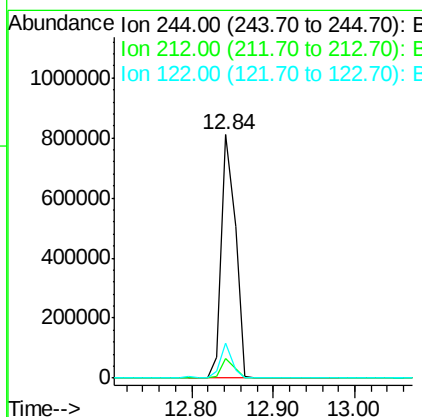
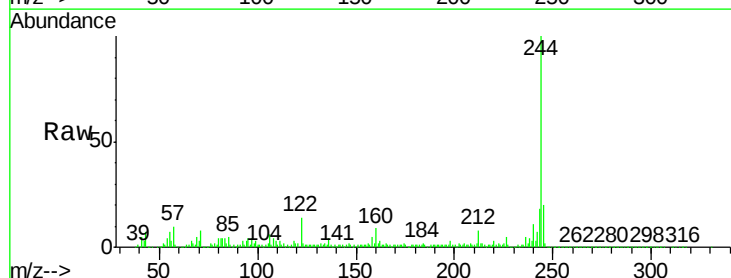
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-002-COMP

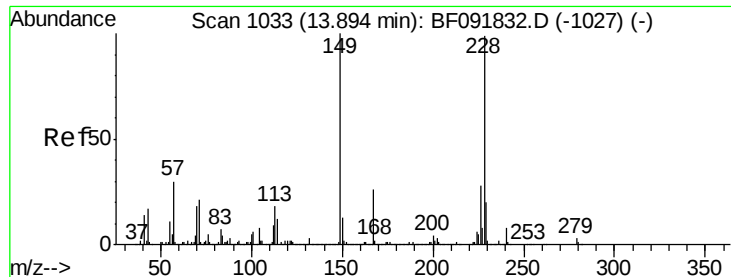
Tgt Ion:202 Resp: 140422  
 Ion Ratio Lower Upper  
 202 100  
 200 19.6 17.7 26.5  
 203 21.5 14.7 22.1



#78  
 Terphenyl-d14  
 Concen: 53.26 ng  
 RT: 12.84 min Scan# 941  
 Delta R.T. -0.01 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

Tgt Ion:244 Resp: 959113  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 14.4 11.4 17.2





#80

Benzo(a)anthracene

Concen: 2.47 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

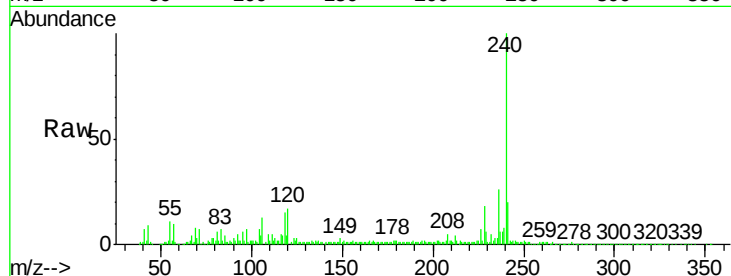
Tgt Ion:228 Resp: 61013

Ion Ratio Lower Upper

228 100

226 36.8 22.4 33.6#

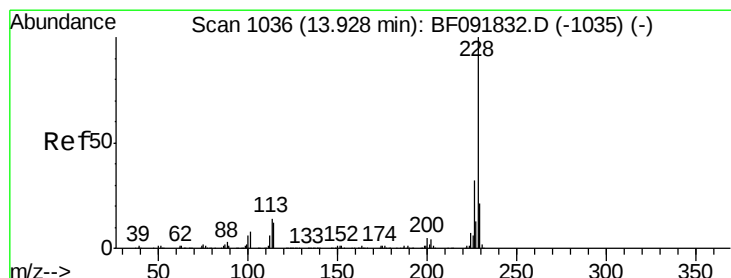
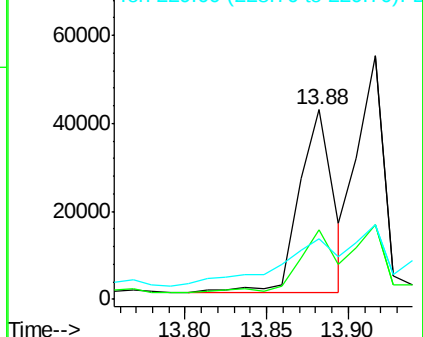
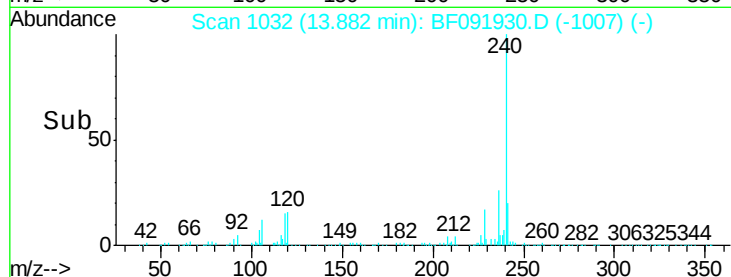
229 31.9 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.52 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

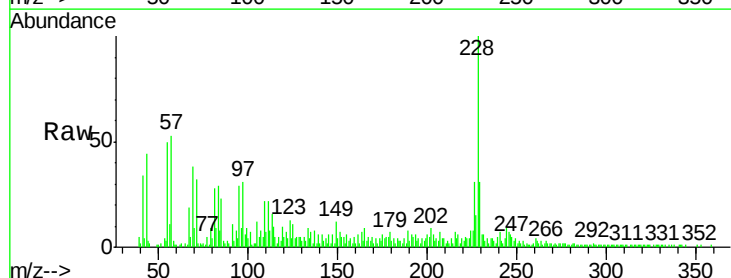
Tgt Ion:228 Resp: 62244

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

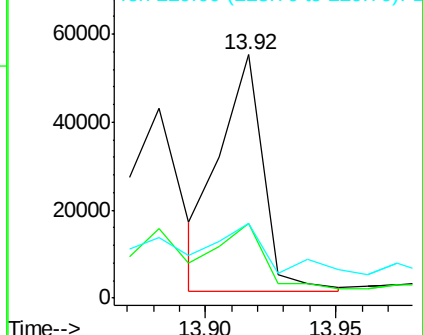
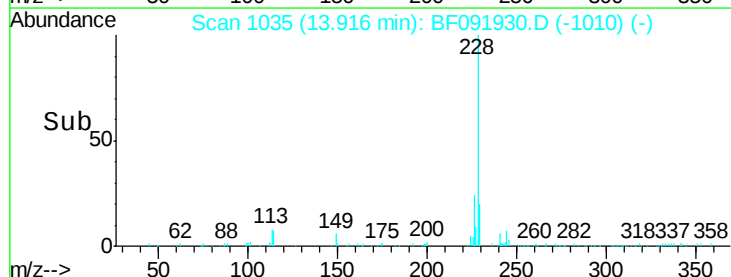
229 30.7 16.2 24.2#

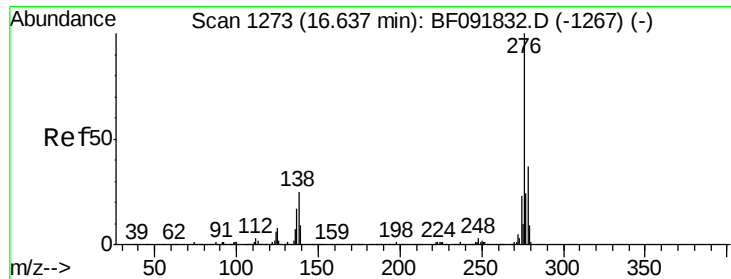


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

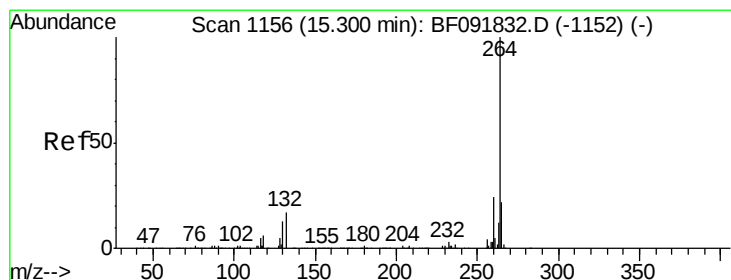
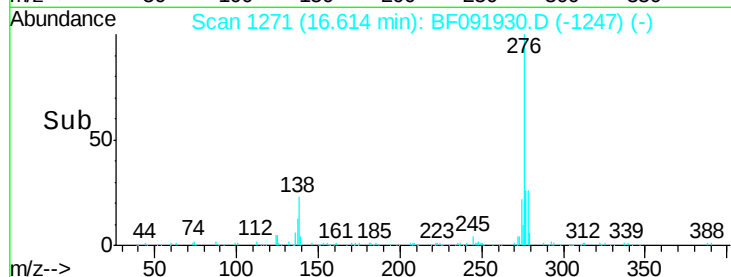
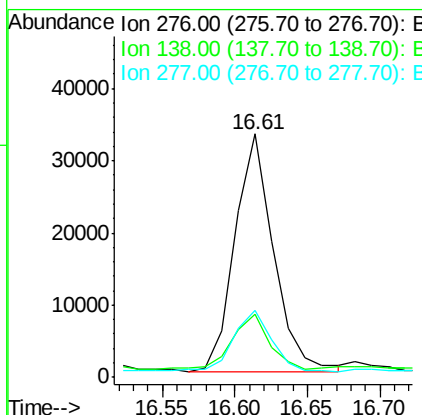
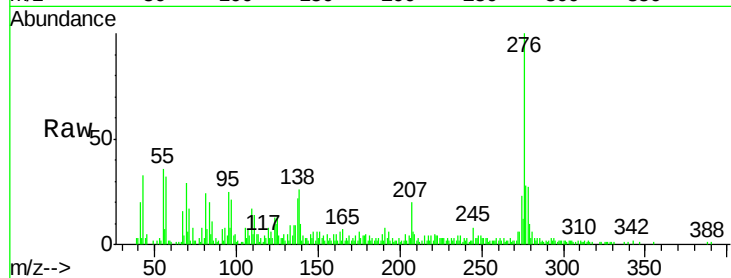




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.86 ng  
 RT: 16.61 min Scan# 1271  
 Delta R.T. -0.02 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

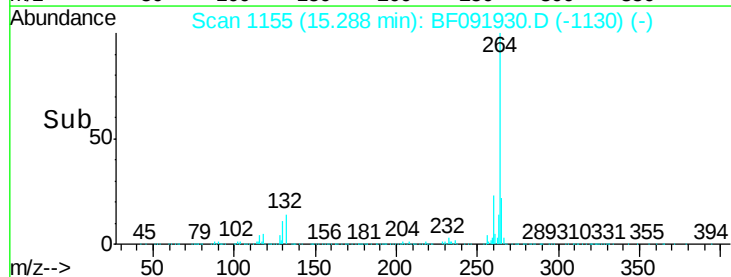
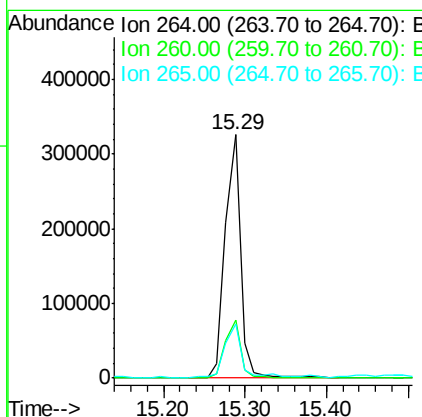
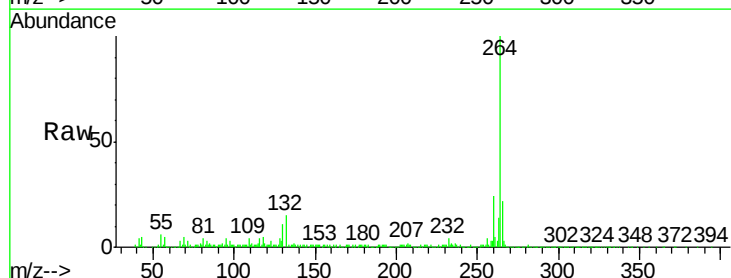
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT-002-COMP

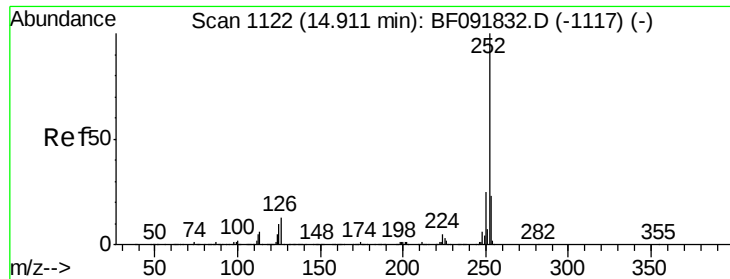
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.0  | 21.8  | 32.6  |
| 277     | 25.0  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.29 min Scan# 1155  
 Delta R.T. -0.01 min  
 Lab File: BF091930.D  
 Acq: 23 Dec 2016 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 22.3  | 17.4  | 26.0  |

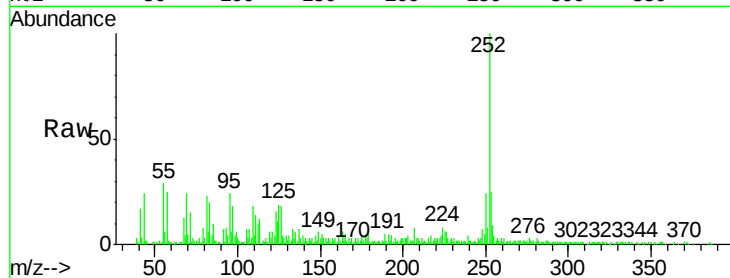




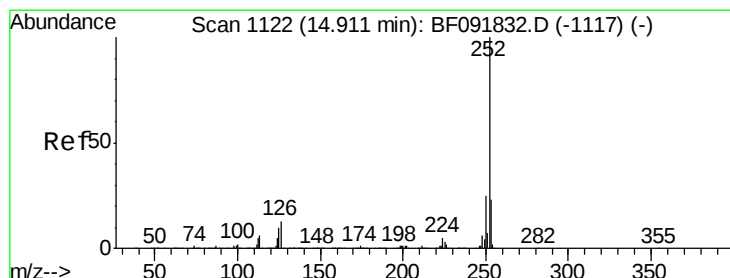
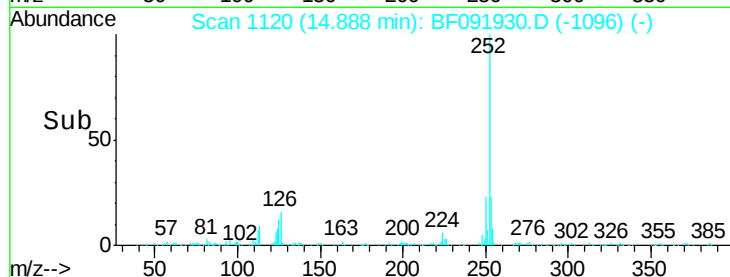
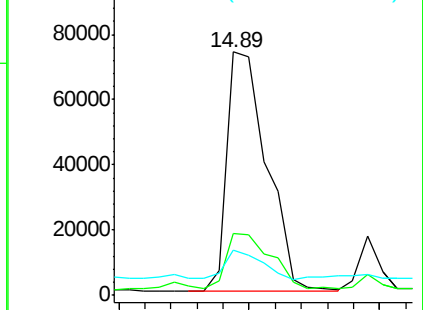
#87  
Benzo(b)fluoranthene  
Concen: 5.97 ng  
RT: 14.89 min Scan# 1120  
Delta R.T. -0.02 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
PIT-002-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.4  | 18.2  | 27.4  |
| 125     | 18.7  | 9.8   | 14.6  |

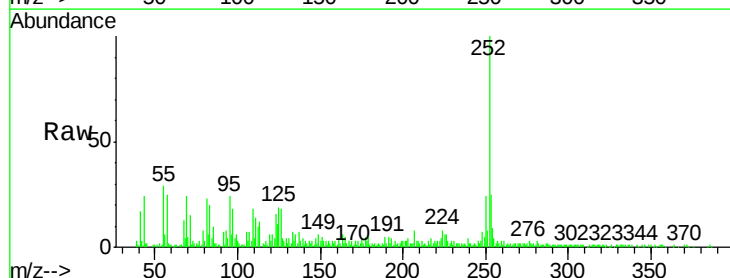


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

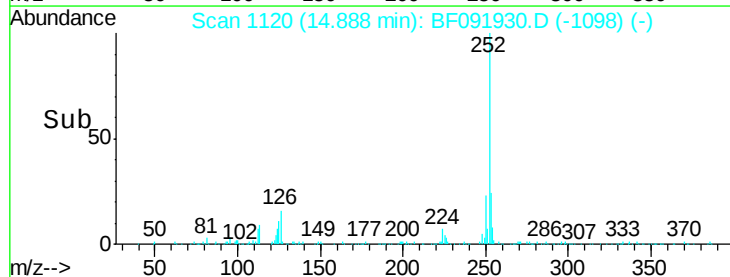
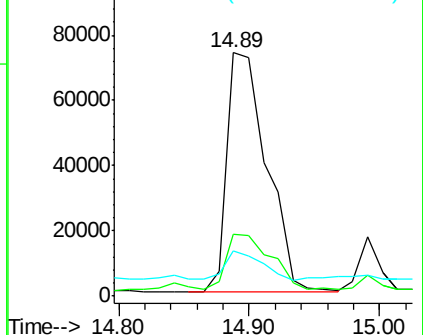


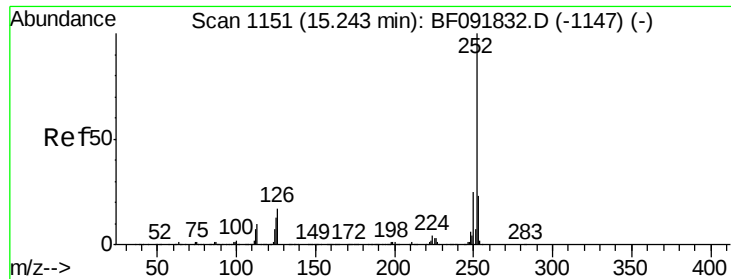
#88  
Benzo(k)fluoranthene  
Concen: 7.00 ng  
RT: 14.89 min Scan# 1120  
Delta R.T. -0.05 min  
Lab File: BF091930.D  
Acq: 23 Dec 2016 18:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.4  | 18.5  | 27.7  |
| 125     | 18.7  | 8.9   | 13.3  |



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





#89

Benzo(a)pyrene

Concen: 3.29 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

Instrument :

BNA\_F

ClientSampleId :

PIT-002-COMP

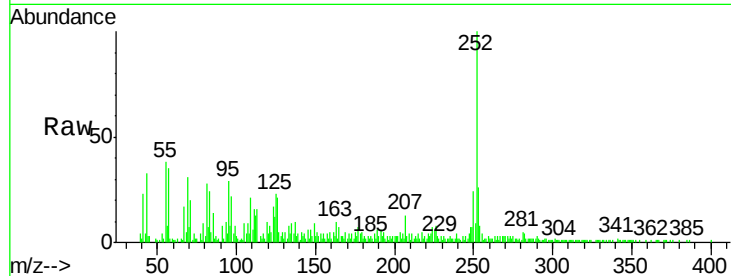
Tgt Ion:252 Resp: 76968

Ion Ratio Lower Upper

252 100

253 25.7 18.2 27.2

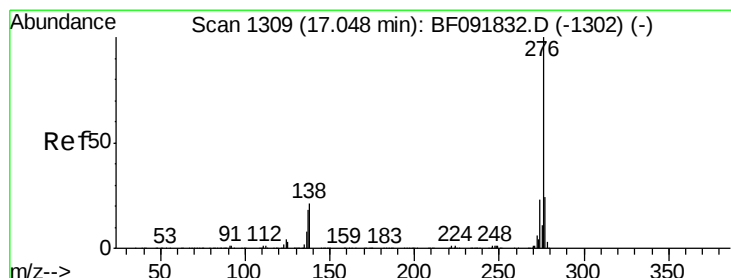
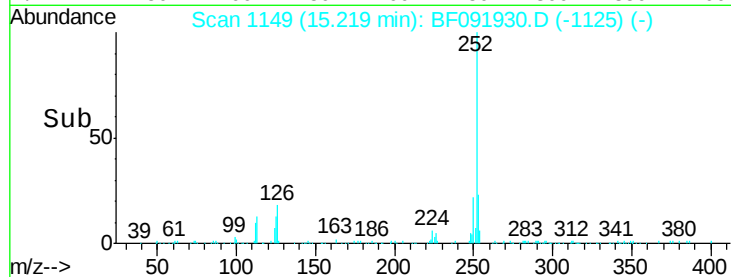
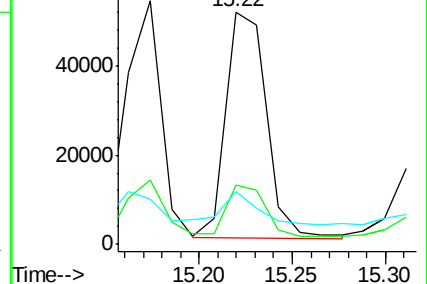
125 22.6 10.0 15.0#



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



#91

Benzo(g,h,i)perylene

Concen: 2.86 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF091930.D

Acq: 23 Dec 2016 18:11

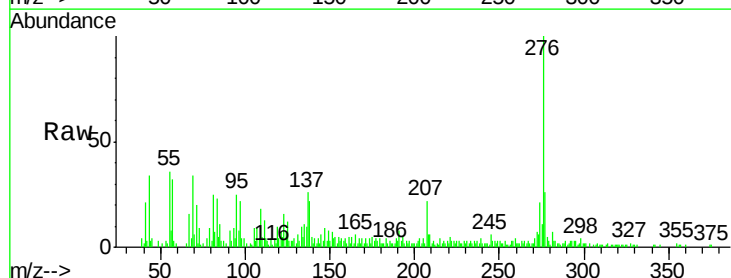
Tgt Ion:276 Resp: 57151

Ion Ratio Lower Upper

276 100

277 26.5 19.2 28.8

138 21.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

