

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060616\  
 Data File : BF087757.D  
 Acq On : 6 Jun 2016 17:45  
 Operator : UM/SJ  
 Sample : H3267-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STA-TA-1280(0-4)

Quant Time: Jun 07 01:14:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 117276   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.14  | 136  | 467207   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.88  | 164  | 178155   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.37 | 188  | 290123   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.00 | 240  | 224730   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.43 | 264  | 197057   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 1027205 | 141.57 | ng | 0.01  |
| 7) Phenol-d6                | 6.49  | 99  | 1117118 | 122.77 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 621536  | 76.97  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330 | 206012  | 115.20 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.22  | 172 | 1151564 | 109.52 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.96 | 244 | 756295  | 82.12  | ng | -0.01 |

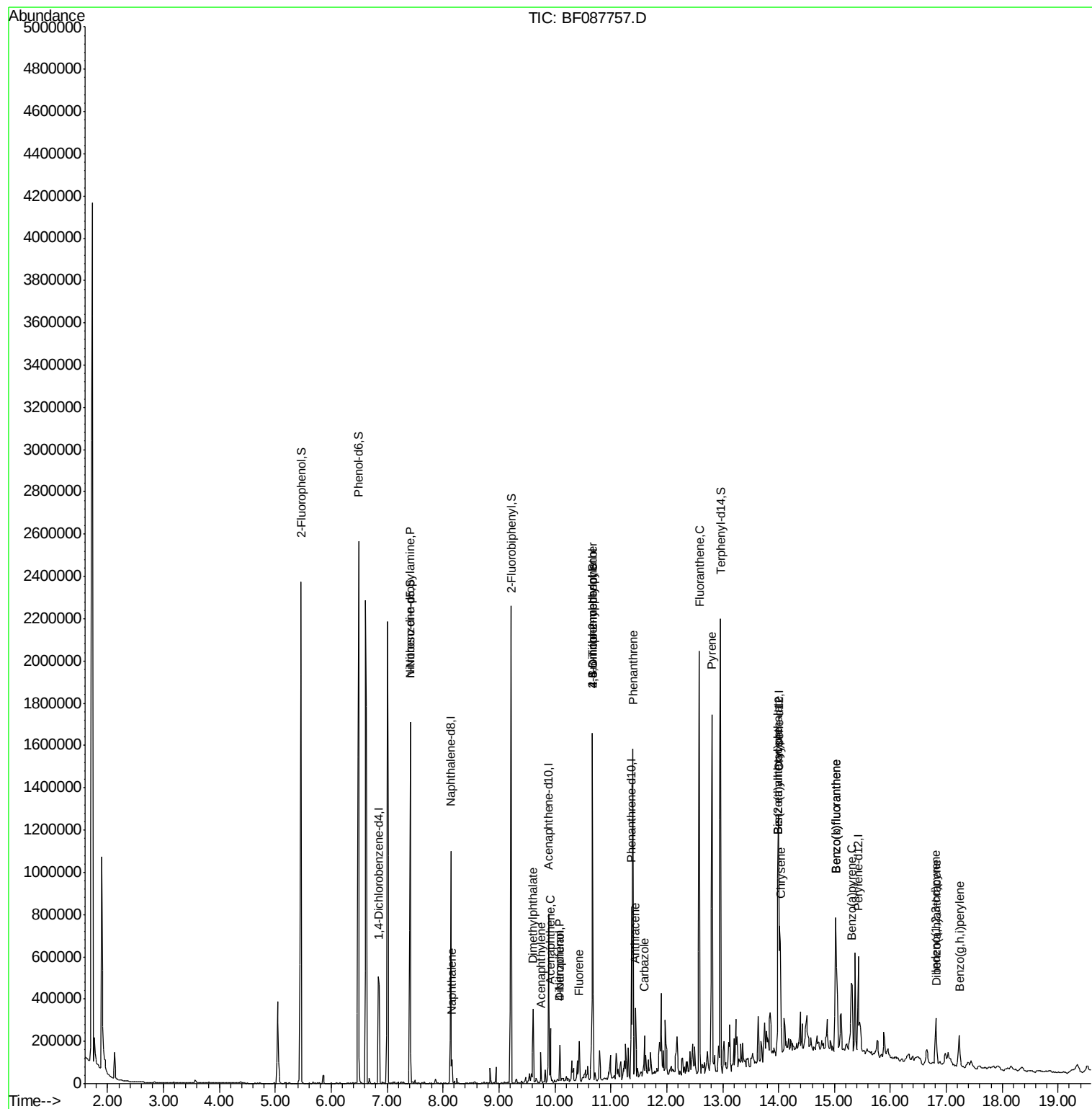
|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.42  | 70  | 84391  | 14.85 | ng | # 74   |
| 31) Naphthalene                | 8.16  | 128 | 52658  | 2.32  | ng | 98     |
| 48) Acenaphthylene             | 9.75  | 152 | 53916  | 3.00  | ng | 99     |
| 49) Dimethylphthalate          | 9.61  | 163 | 161787 | 12.49 | ng | 99     |
| 51) Acenaphthene               | 9.92  | 154 | 50490  | 4.37  | ng | 99     |
| 54) Dibenzofuran               | 10.09 | 168 | 51761  | 3.29  | ng | 93     |
| 55) 4-Nitrophenol              | 10.09 | 139 | 19071  | 6.62  | ng | # 7    |
| 57) Fluorene                   | 10.43 | 166 | 51728  | 4.21  | ng | 97     |
| 64) 4,6-Dinitro-2-methylphenol | 10.67 | 198 | 323    | 2.21  | ng | # 1    |
| 66) 4-Bromophenyl-phenylether  | 10.67 | 248 | 11729  | 4.08  | ng | # 1    |
| 70) Phenanthrene               | 11.39 | 178 | 545527 | 34.68 | ng | 99     |
| 71) Anthracene                 | 11.44 | 178 | 143110 | 9.08  | ng | 99     |
| 72) Carbazole                  | 11.60 | 167 | 64810  | 4.34  | ng | 98     |
| 74) Fluoranthene               | 12.58 | 202 | 773067 | 49.94 | ng | 99     |
| 77) Pyrene                     | 12.81 | 202 | 724402 | 45.27 | ng | 100    |
| 80) Benzo(a)anthracene         | 13.99 | 228 | 391422 | 30.18 | ng | 95     |
| 82) Chrysene                   | 14.03 | 228 | 301071 | 23.32 | ng | 97     |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 16560  | 2.04  | ng | # 85   |
| 85) Indeno(1,2,3-cd)pyrene     | 16.81 | 276 | 139866 | 13.11 | ng | # 100  |
| 87) Benzo(b)fluoranthene       | 15.03 | 252 | 545743 | 42.57 | ng | # 96   |
| 88) Benzo(k)fluoranthene       | 15.03 | 252 | 545743 | 51.17 | ng | 99     |
| 89) Benzo(a)pyrene             | 15.31 | 252 | 180006 | 16.70 | ng | 95     |
| 90) Dibenzo(a,h)anthracene     | 16.82 | 278 | 36479  | 3.98  | ng | 92     |
| 91) Benzo(g,h,i)perylene       | 17.23 | 276 | 121986 | 13.18 | ng | 94     |

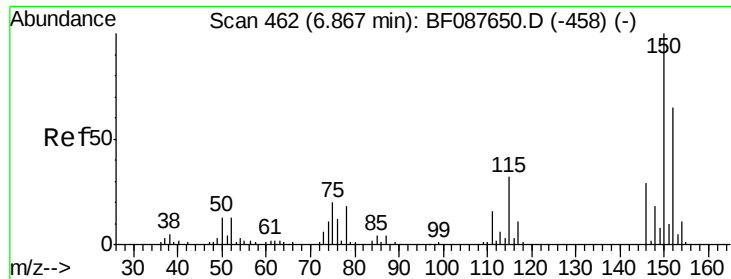
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060616\  
Data File : BF087757.D  
Acq On : 6 Jun 2016 17:45  
Operator : UM/SJ  
Sample : H3267-07  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

Quant Time: Jun 07 01:14:37 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 04 11:07:28 2016  
Response via : Initial Calibration



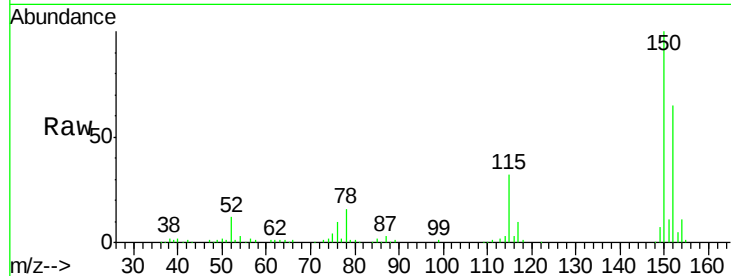


#1

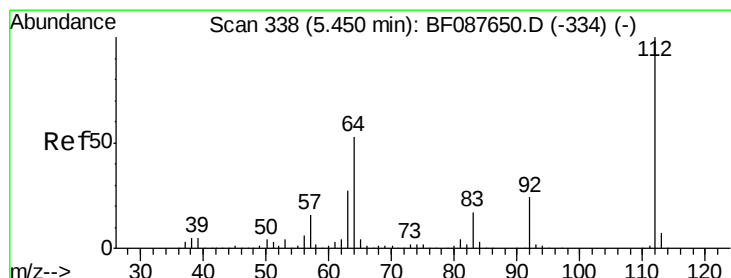
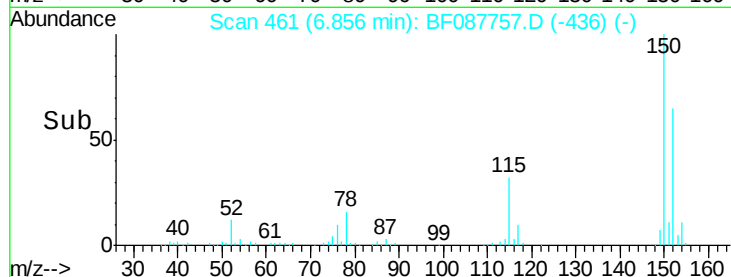
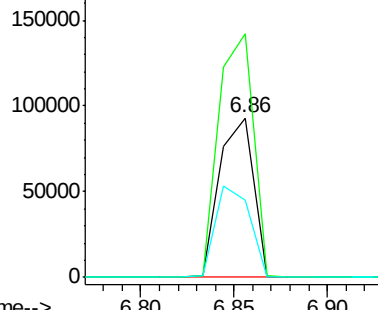
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 461  
Delta R.T. -0.01 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

Tgt Ion:152 Resp: 117276  
Ion Ratio Lower Upper  
152 100  
150 152.7 123.8 185.6  
115 48.8 39.6 59.4



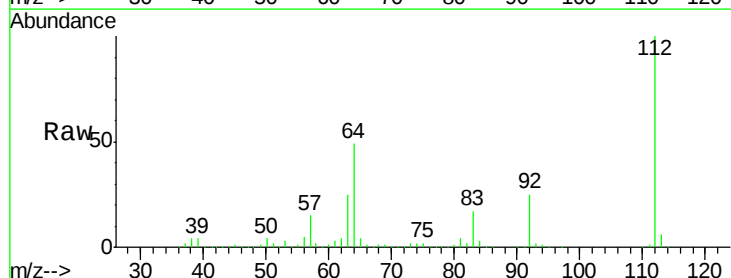
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



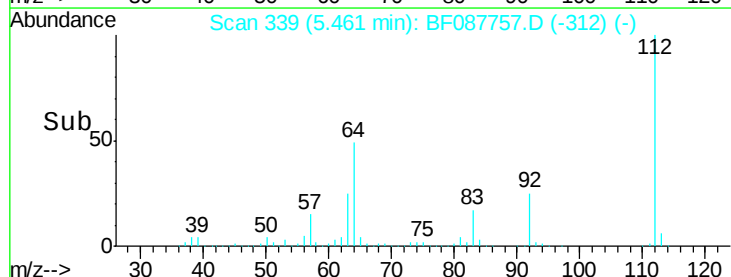
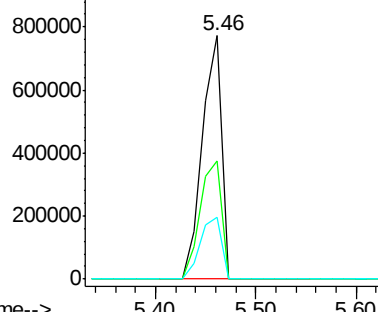
#5

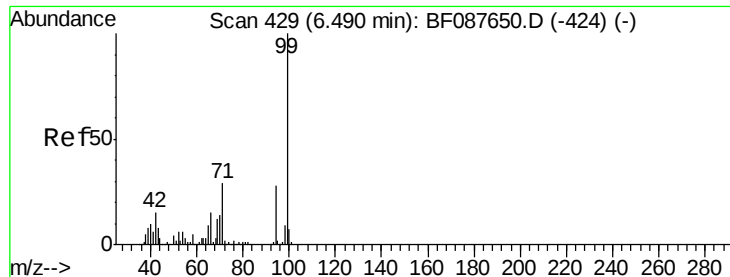
2-Fluorophenol  
Concen: 141.57 ng  
RT: 5.46 min Scan# 339  
Delta R.T. 0.01 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Tgt Ion:112 Resp: 1027205  
Ion Ratio Lower Upper  
112 100  
64 48.7 42.2 63.2  
63 25.3 21.8 32.8



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: 122.77 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

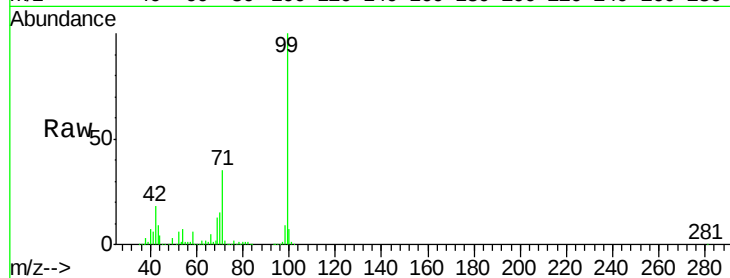
Tgt Ion: 99 Resp: 1117118

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

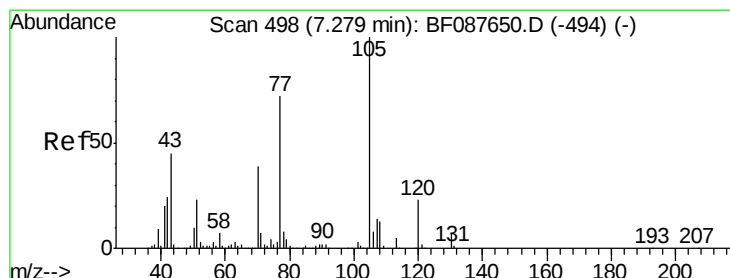
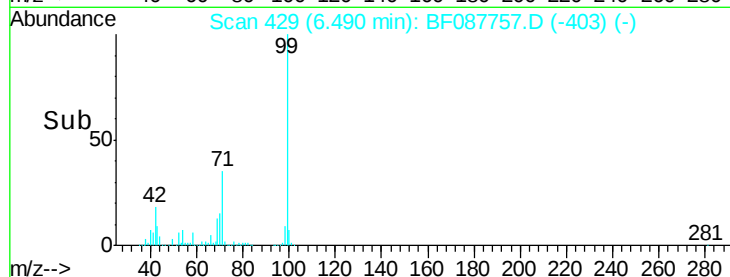
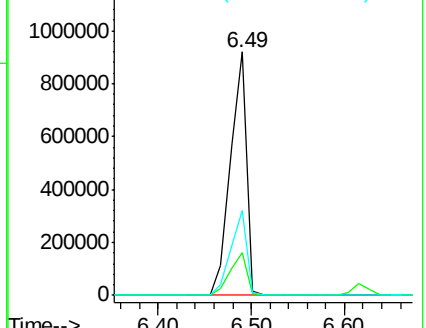
71 35.0 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.85 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Tgt Ion: 70 Resp: 84391

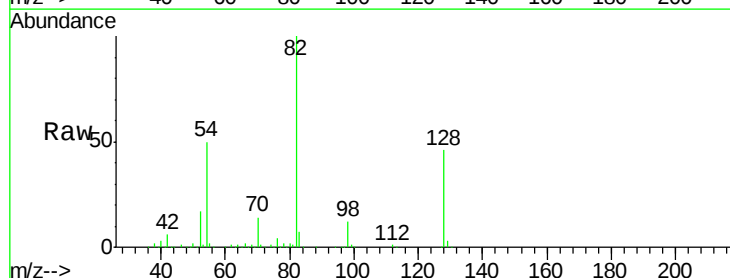
Ion Ratio Lower Upper

70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

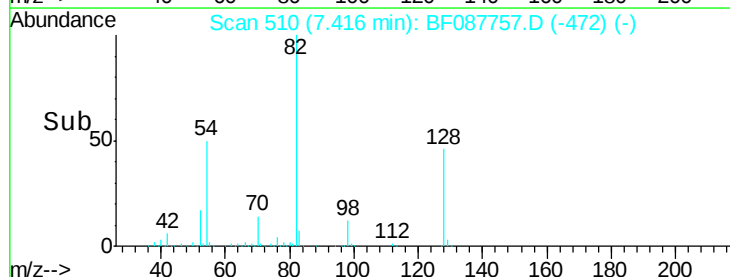
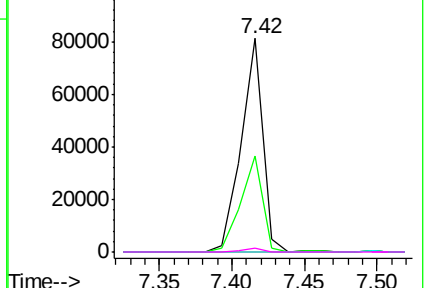


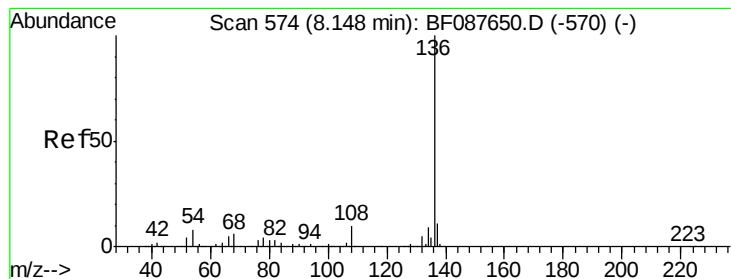
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

Tgt Ion:136 Resp: 467207

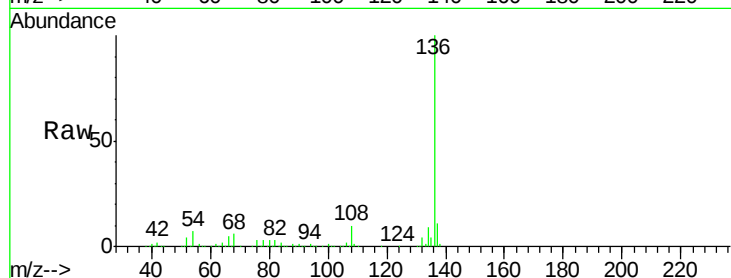
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 6.6 10.0

68 5.7 5.1 7.7

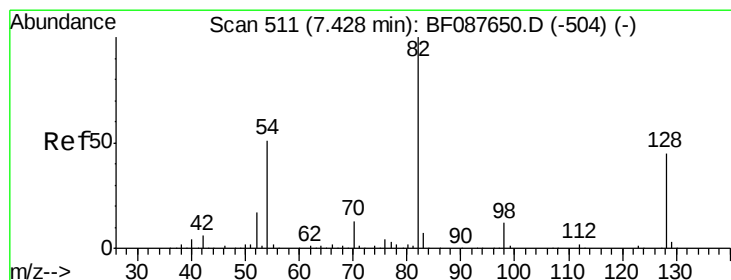
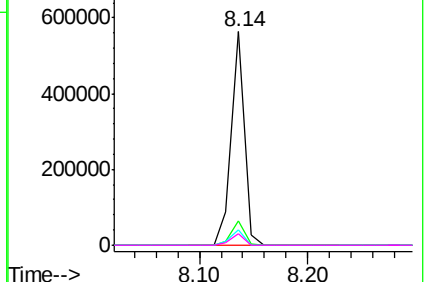
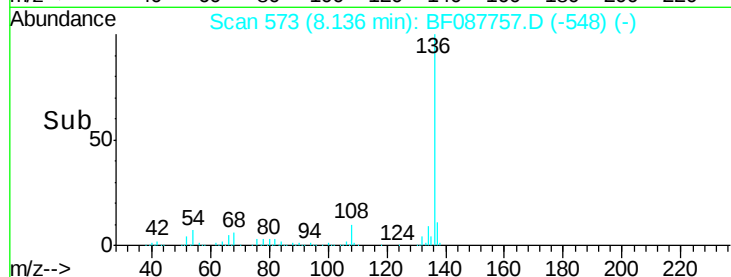


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 76.97 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

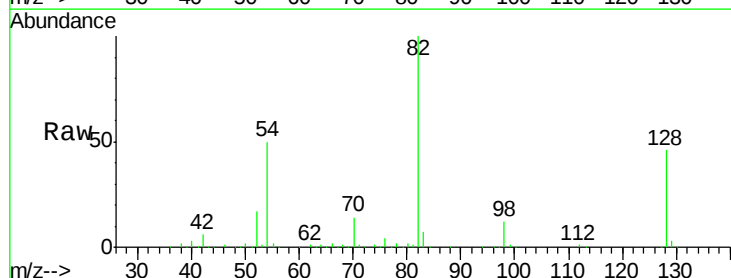
Tgt Ion: 82 Resp: 621536

Ion Ratio Lower Upper

82 100

128 46.4 35.9 53.9

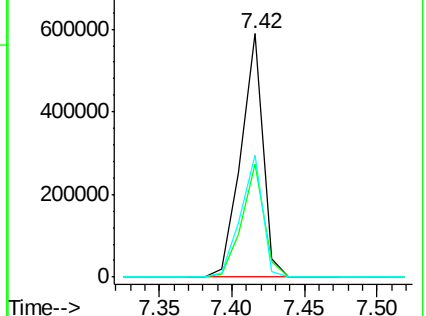
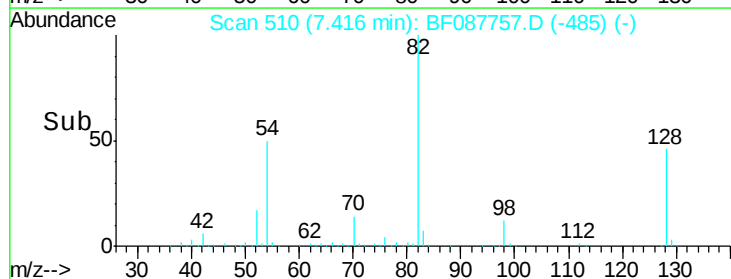
54 49.9 40.9 61.3

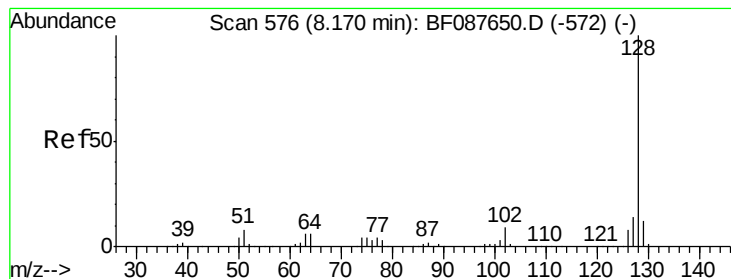


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.32 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

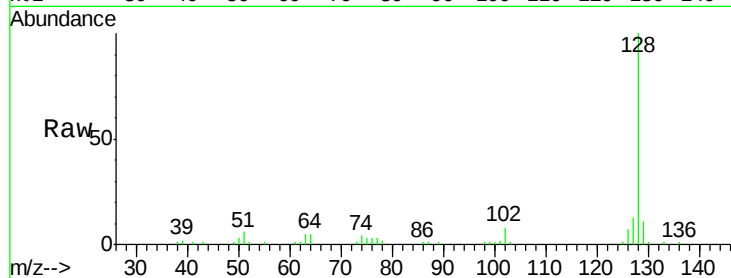
Tgt Ion:128 Resp: 52658

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

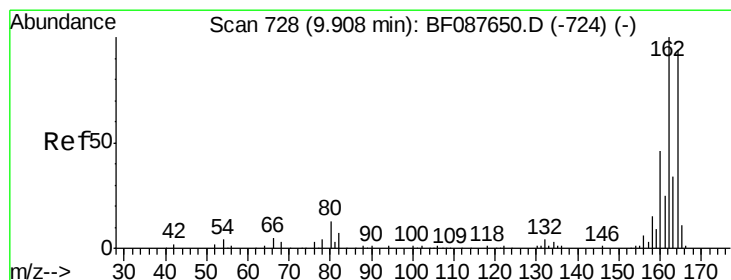
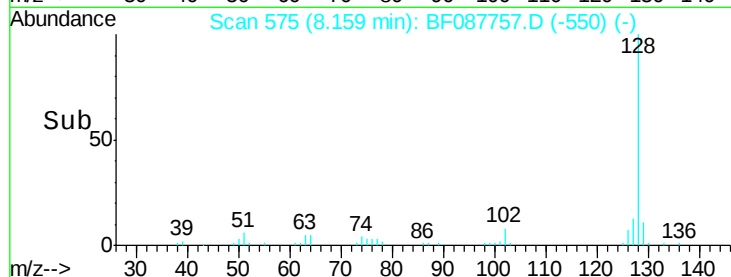
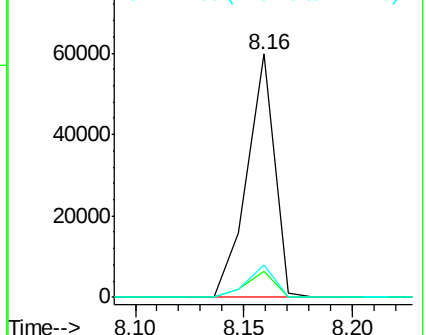
127 13.1 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

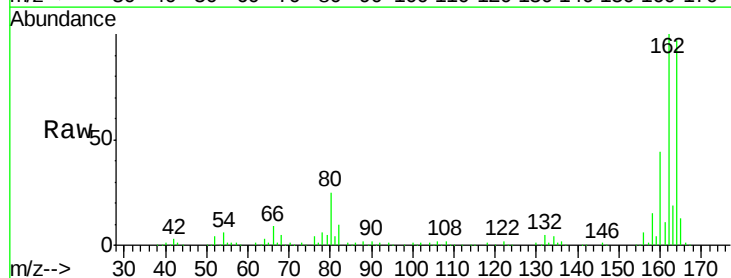
Tgt Ion:164 Resp: 178155

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

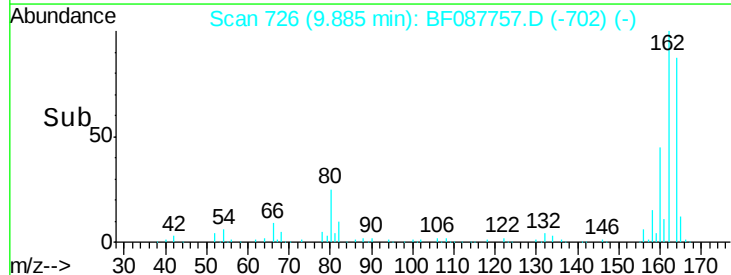
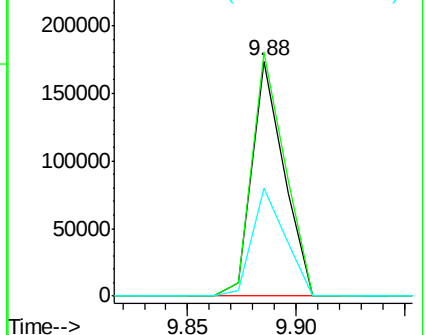
160 46.0 39.5 59.3

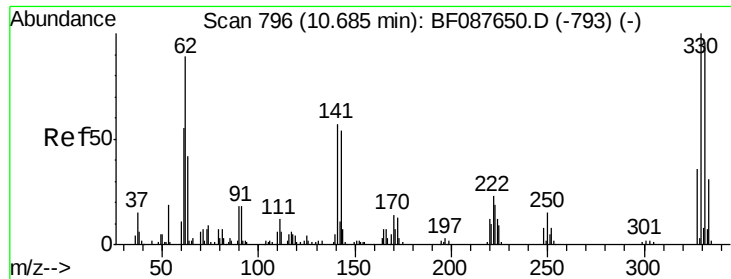


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

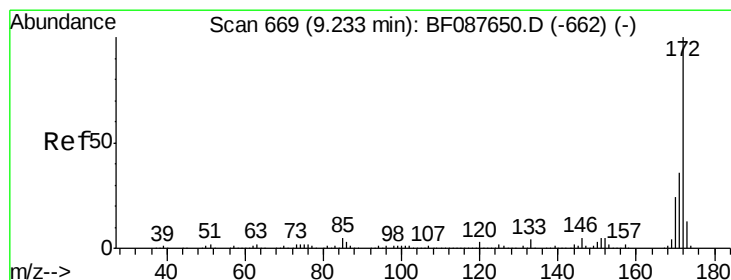
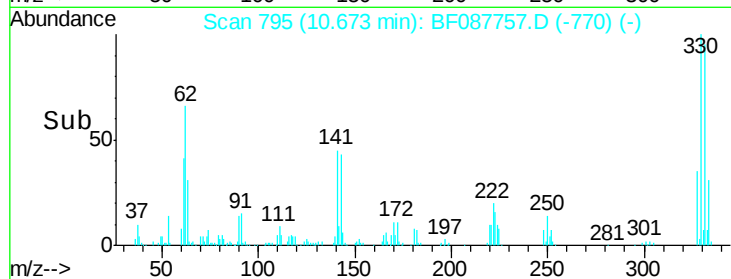
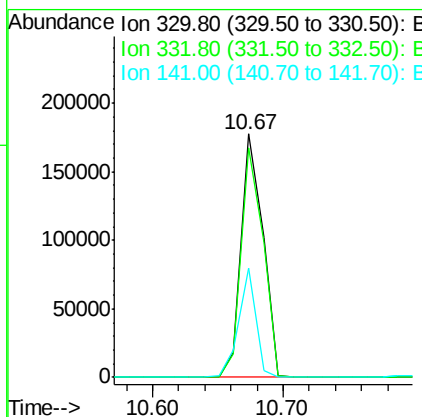
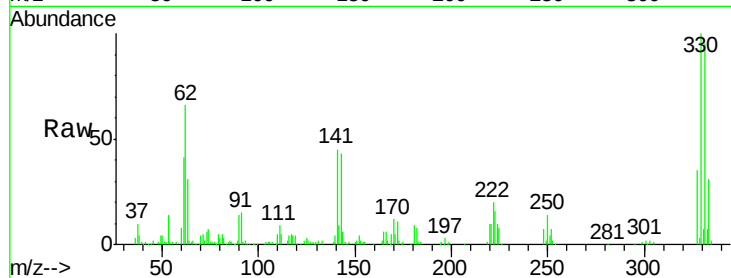




#41  
 2,4,6-Tribromophenol  
 Concen: 115.20 ng  
 RT: 10.67 min Scan# 795  
 Delta R.T. -0.01 min  
 Lab File: BF087757.D  
 Acq: 6 Jun 2016 17:45

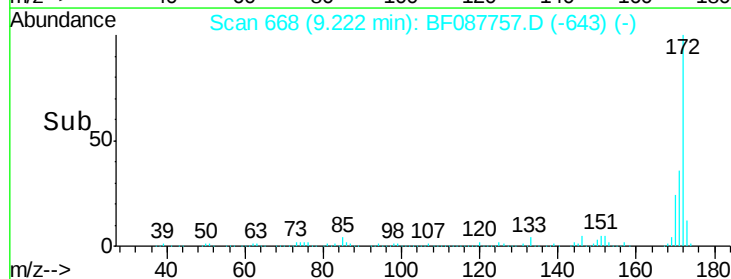
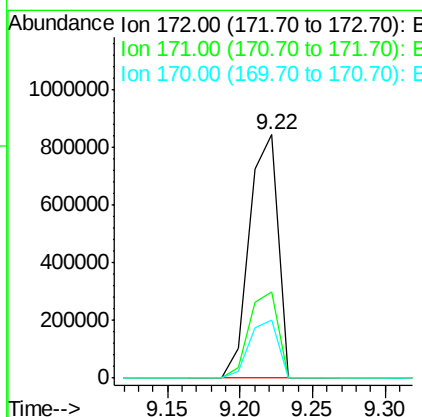
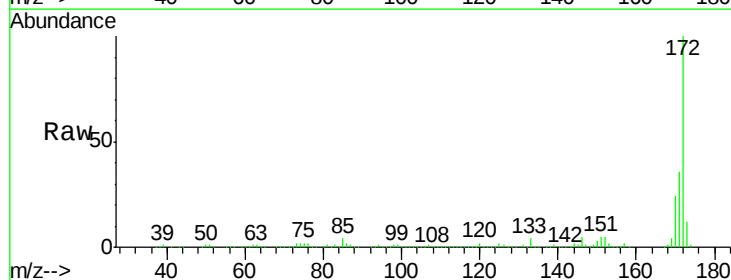
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STA-TA-1280(0-4)

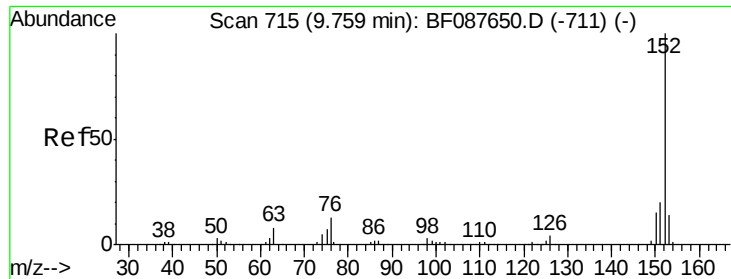
Tgt Ion:330 Resp: 206012  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 0.0 0.0#  
 141 36.1 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 109.52 ng  
 RT: 9.22 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BF087757.D  
 Acq: 6 Jun 2016 17:45

Tgt Ion:172 Resp: 1151564  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 43.0  
 170 23.6 19.2 28.8

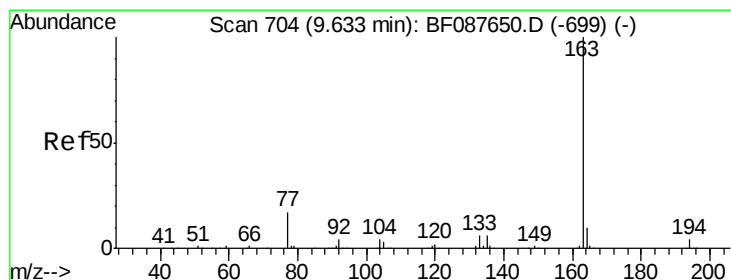
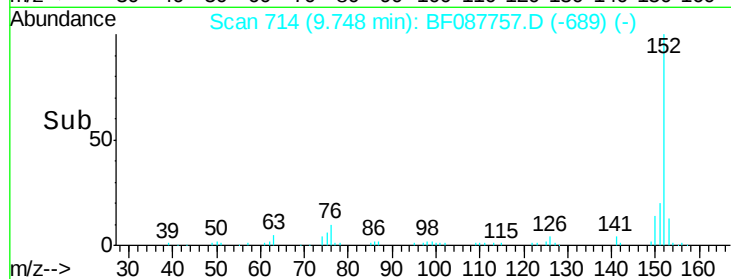
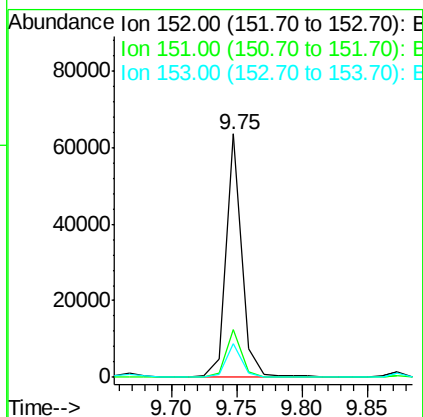
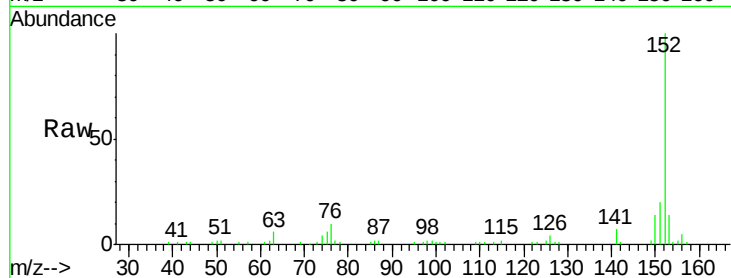




#48  
Acenaphthylene  
Concen: 3.00 ng  
RT: 9.75 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

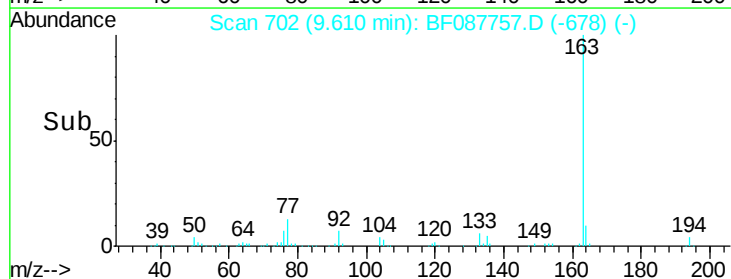
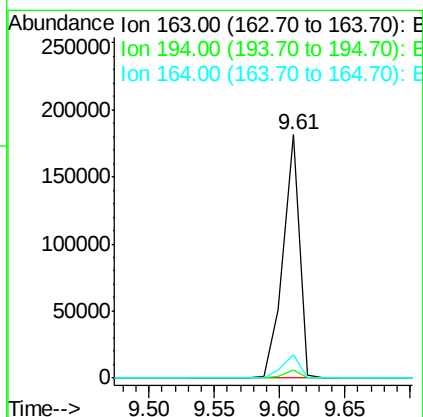
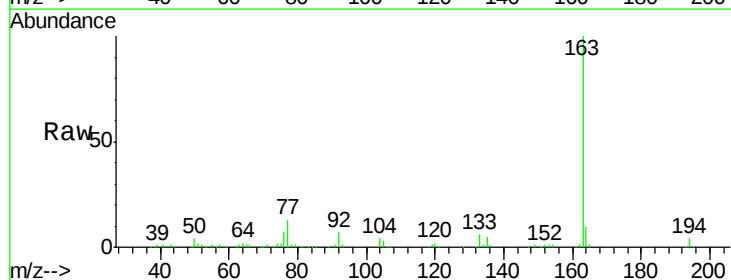
Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

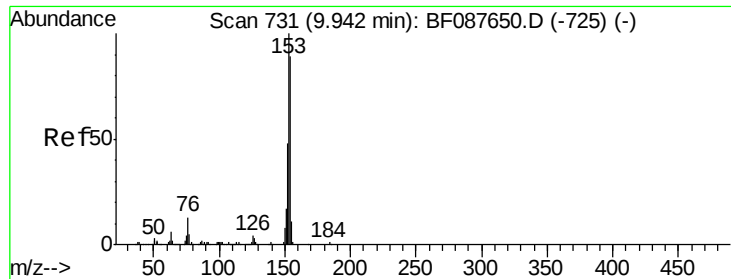
Tgt Ion:152 Resp: 53916  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.4  
153 13.8 11.0 16.6



#49  
Dimethylphthalate  
Concen: 12.49 ng  
RT: 9.61 min Scan# 702  
Delta R.T. -0.02 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Tgt Ion:163 Resp: 161787  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.8 4.2  
164 9.7 8.3 12.5





#51

Acenaphthene

Concen: 4.37 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

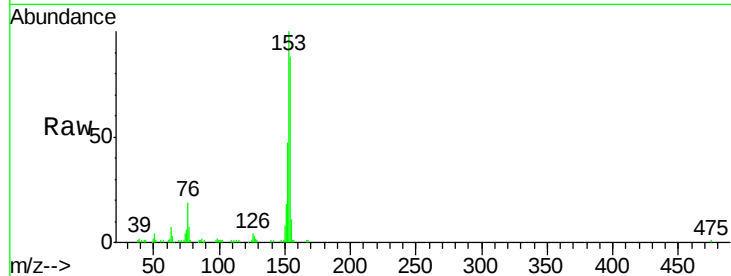
Tgt Ion:154 Resp: 50490

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

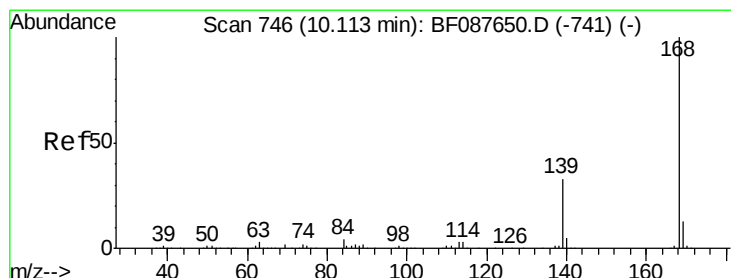
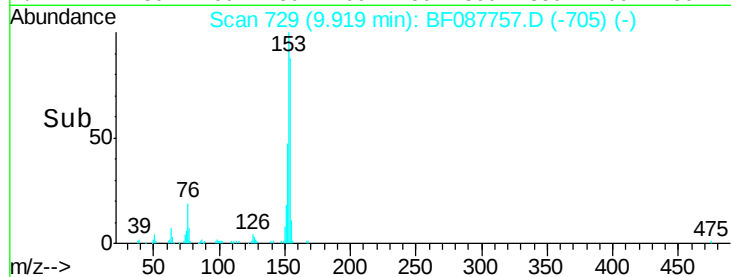
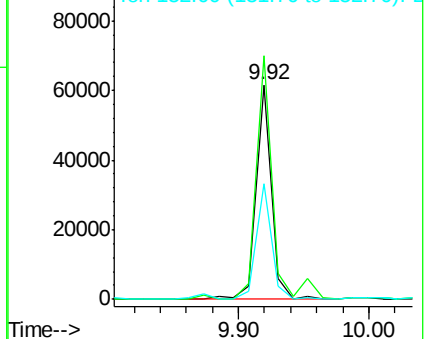
152 53.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.29 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

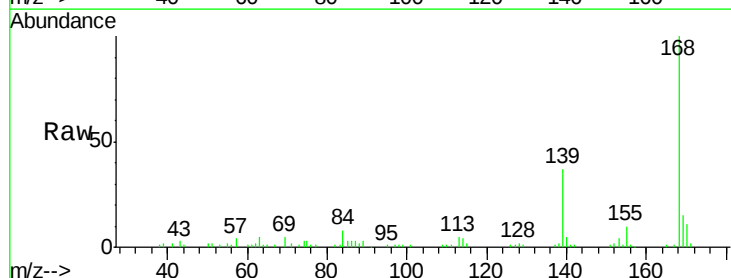
Tgt Ion:168 Resp: 51761

Ion Ratio Lower Upper

168 100

139 37.3 26.4 39.6

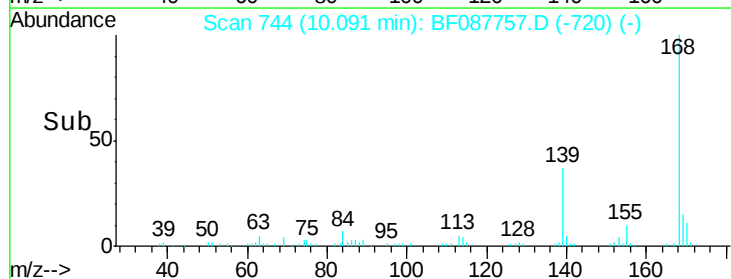
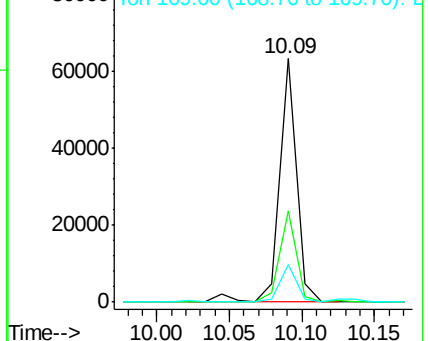
169 15.3 10.4 15.6

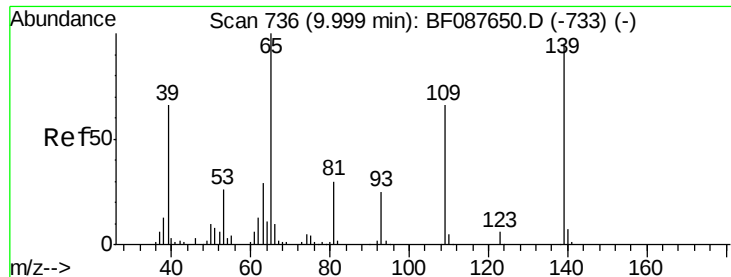


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.62 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.09 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

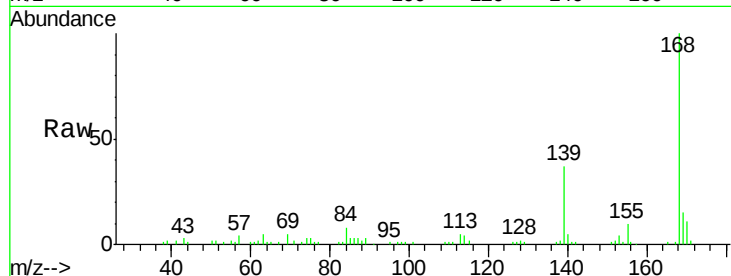
Tgt Ion:139 Resp: 19071

Ion Ratio Lower Upper

139 100

109 1.6 48.9 88.9#

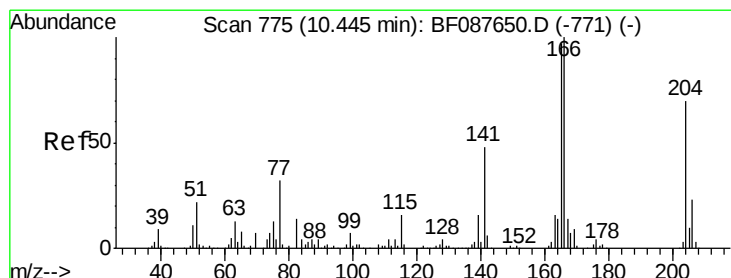
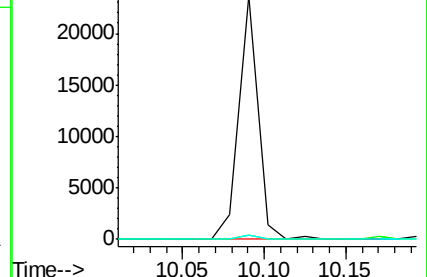
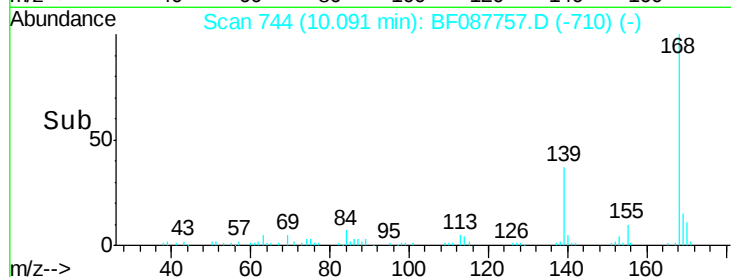
65 1.9 84.9 124.9#



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



#57

Fluorene

Concen: 4.21 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

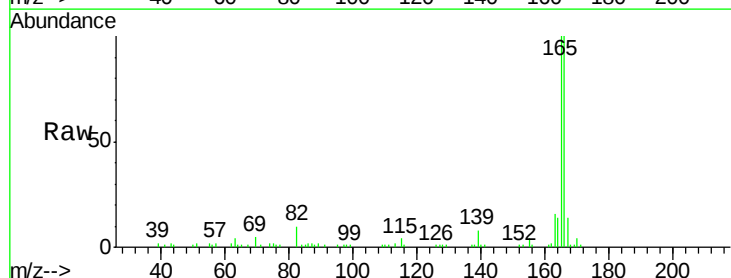
Tgt Ion:166 Resp: 51728

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

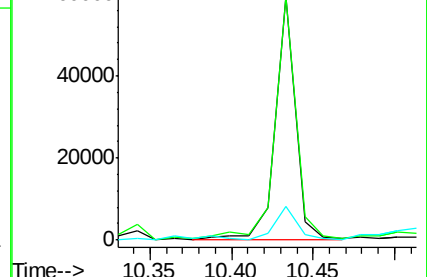
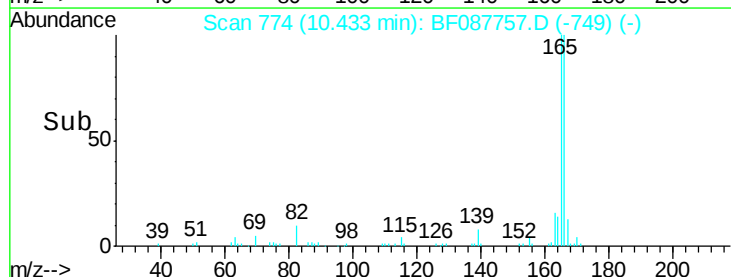
167 13.6 11.2 16.8

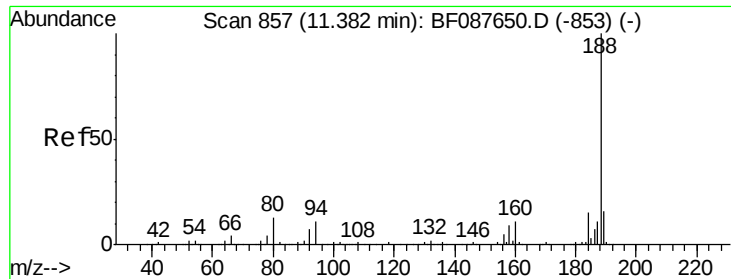


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

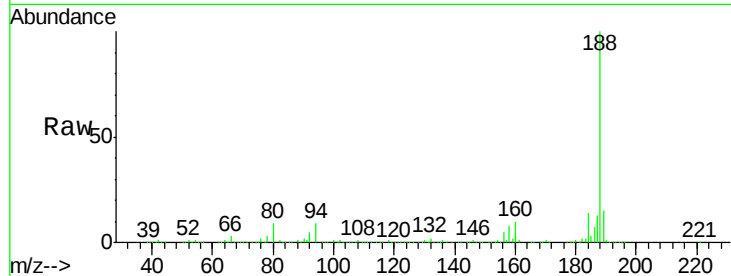
Tgt Ion:188 Resp: 290123

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

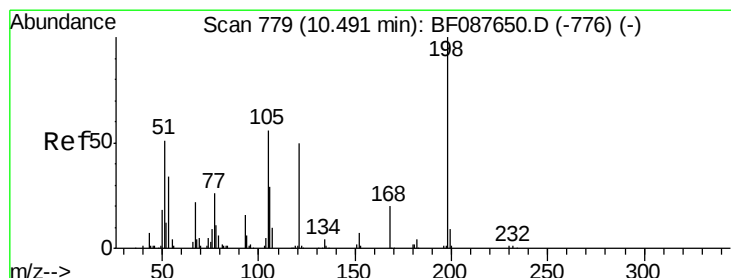
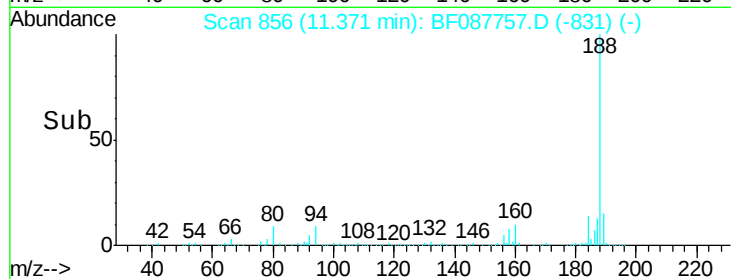
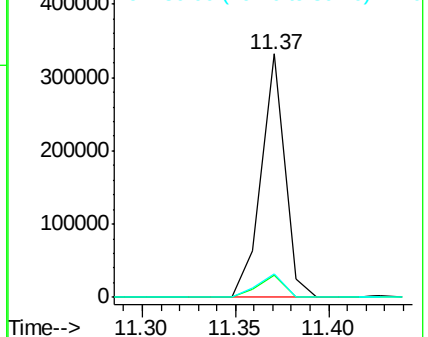
80 9.5 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.21 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.18 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

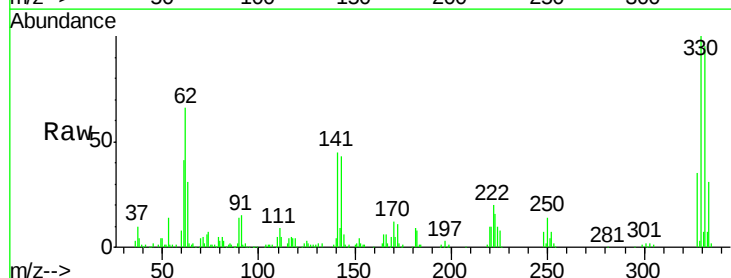
Tgt Ion:198 Resp: 323

Ion Ratio Lower Upper

198 100

51 331.8 39.6 79.6#

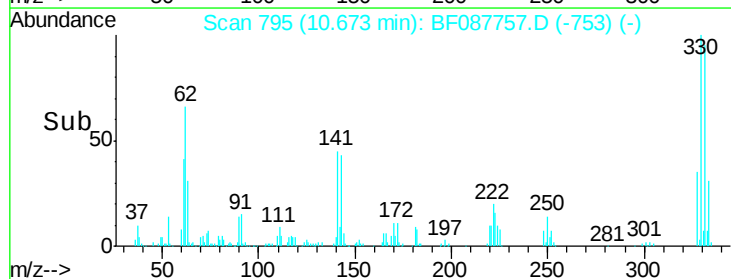
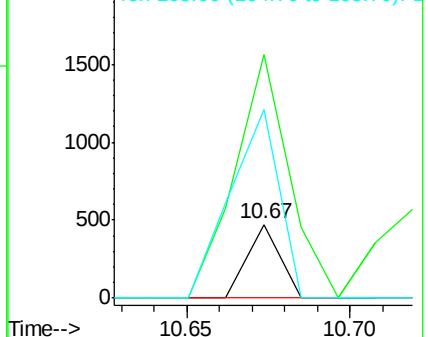
105 257.3 36.6 76.6#

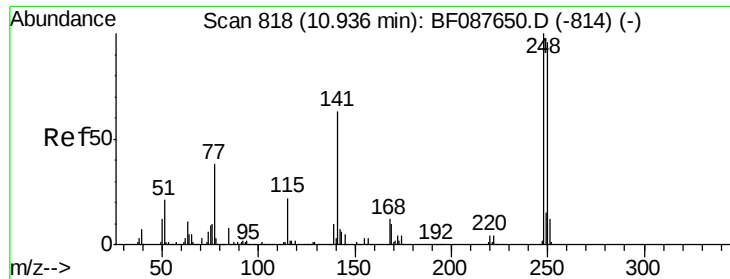


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

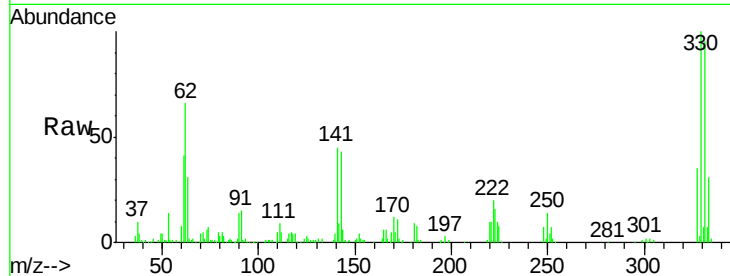




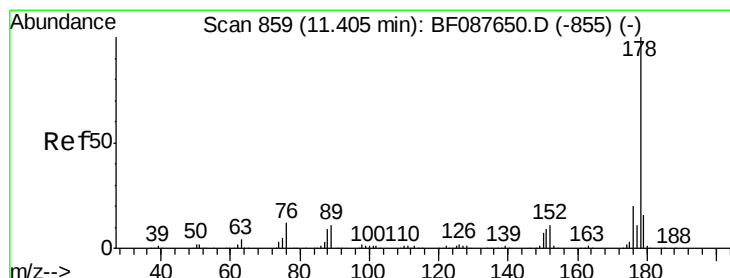
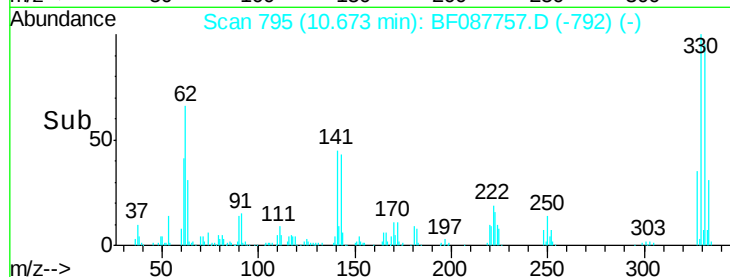
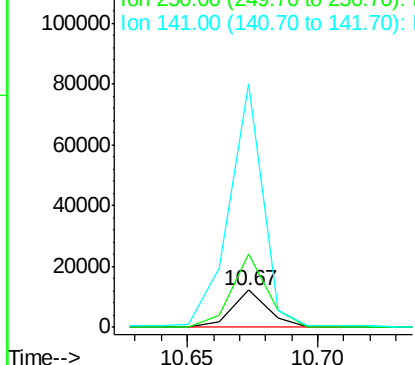
#66  
4-Bromophenyl-phenylether  
Concen: 4.08 ng  
RT: 10.67 min Scan# 795  
Delta R.T. -0.26 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

Tgt Ion:248 Resp: 11729  
Ion Ratio Lower Upper  
248 100  
250 196.2 77.1 115.7#  
141 654.6 50.6 76.0#

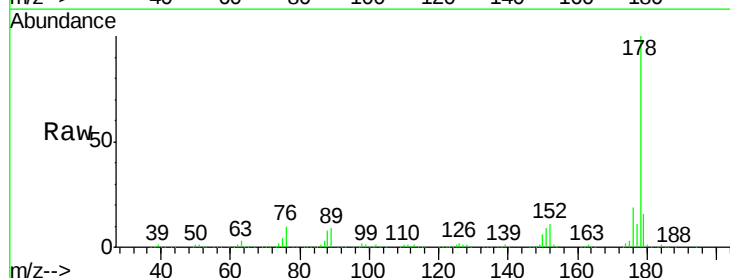


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

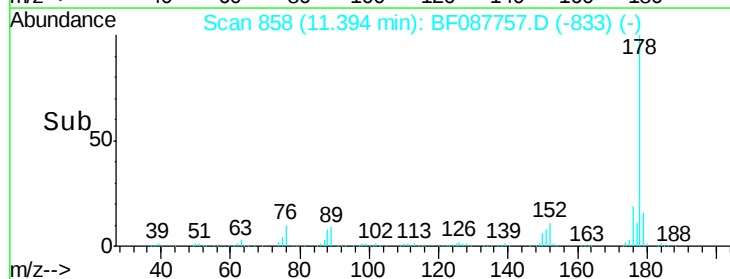
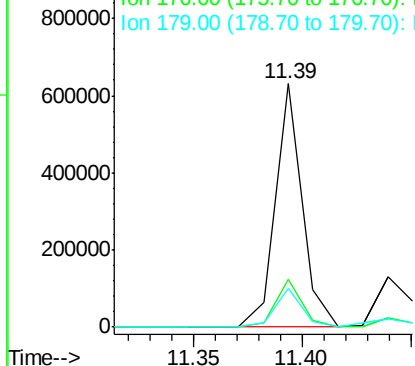


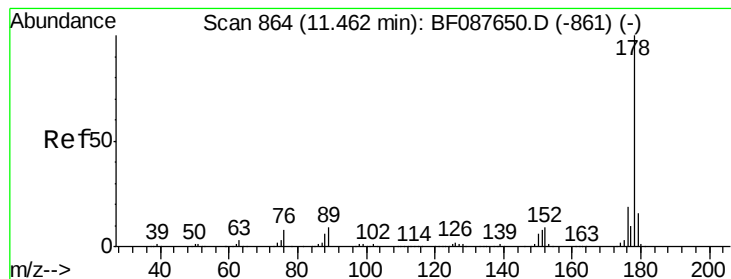
#70  
Phenanthrene  
Concen: 34.68 ng  
RT: 11.39 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Tgt Ion:178 Resp: 545527  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.6  
179 15.8 13.0 19.4



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: 9.08 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

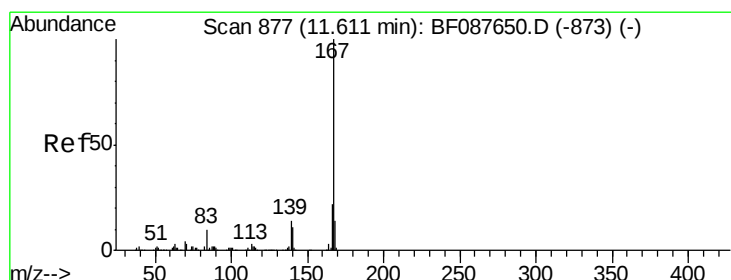
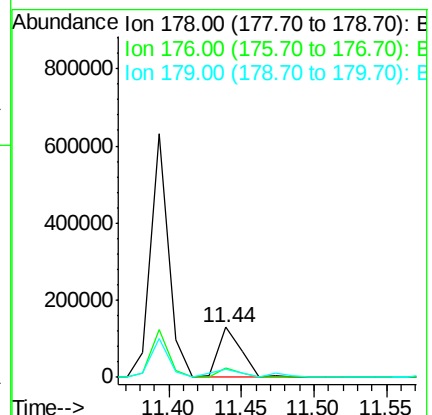
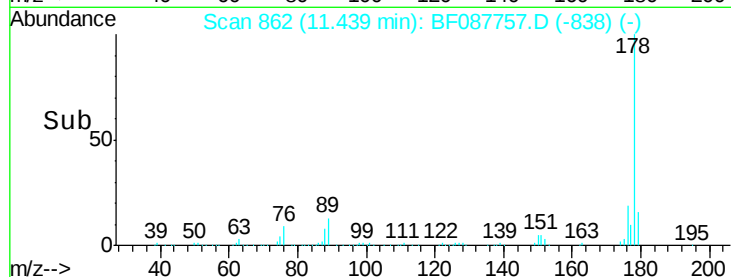
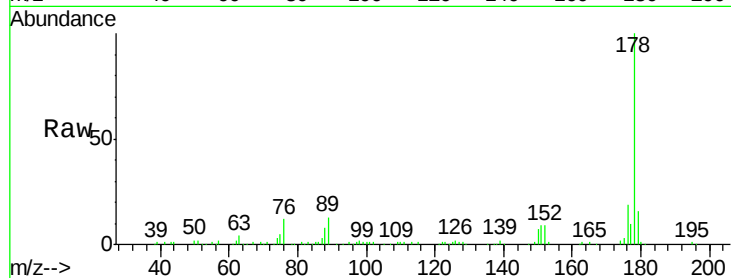
Tgt Ion:178 Resp: 143110

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

179 16.1 12.8 19.2



#72

Carbazole

Concen: 4.34 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

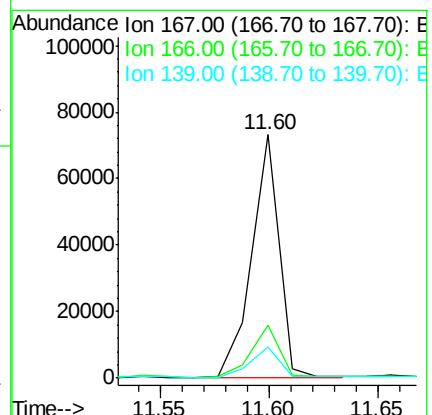
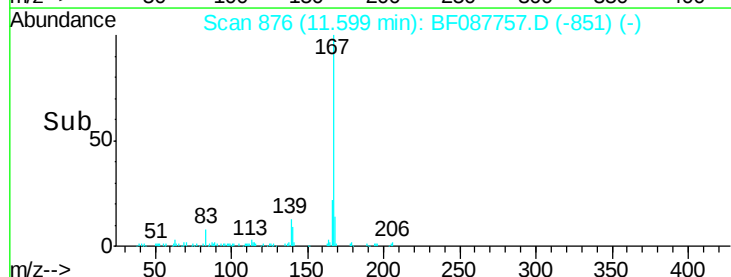
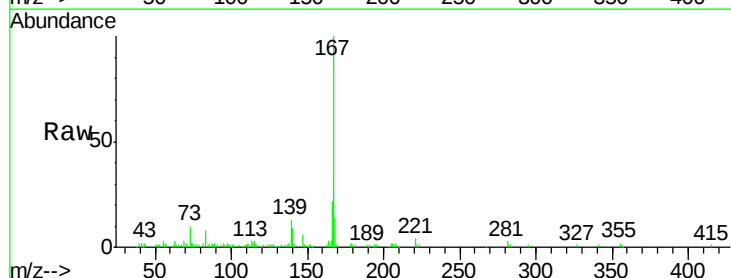
Tgt Ion:167 Resp: 64810

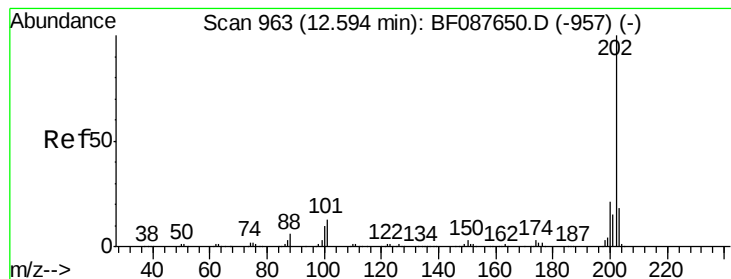
Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 12.6 11.2 16.8





#74

Fluoranthene

Concen: 49.94 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

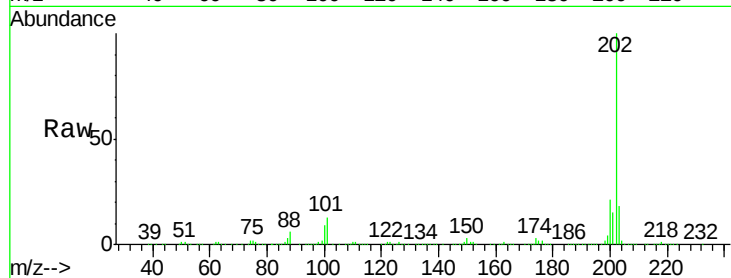
Tgt Ion:202 Resp: 773067

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.1

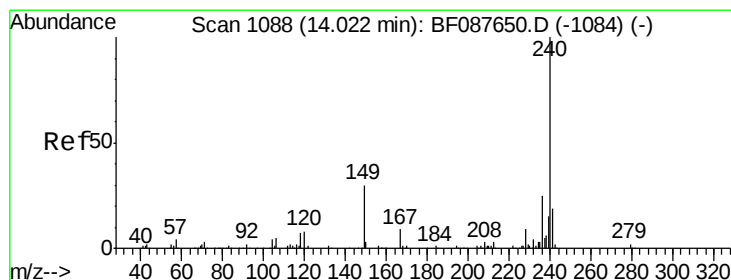
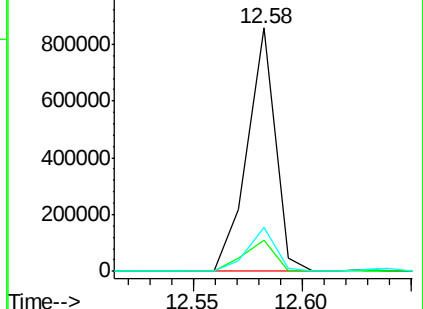
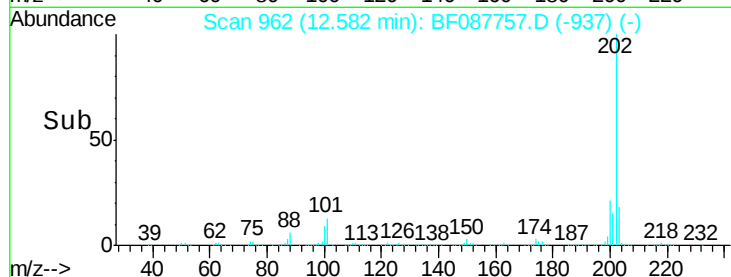
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

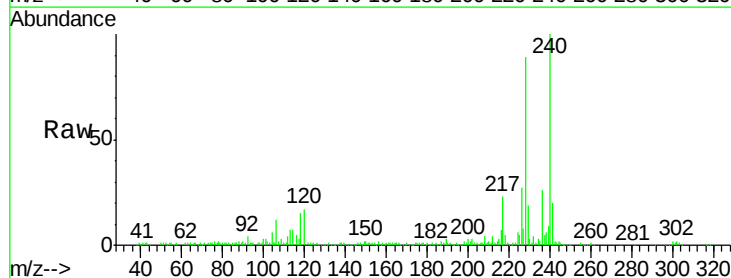
Tgt Ion:240 Resp: 224730

Ion Ratio Lower Upper

240 100

120 16.8 6.8 10.2#

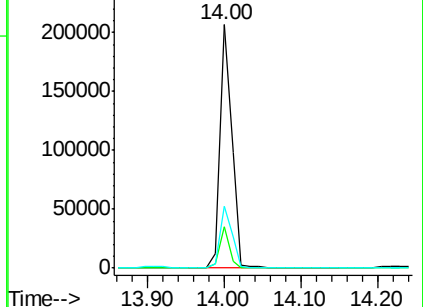
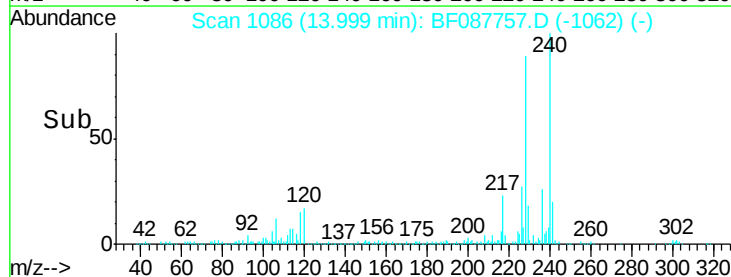
236 25.5 20.2 30.2

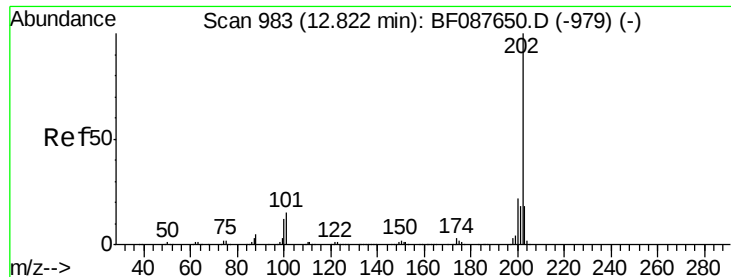


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 45.27 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

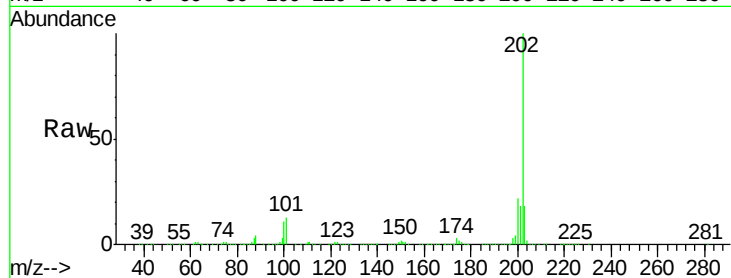
Tgt Ion:202 Resp: 724402

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

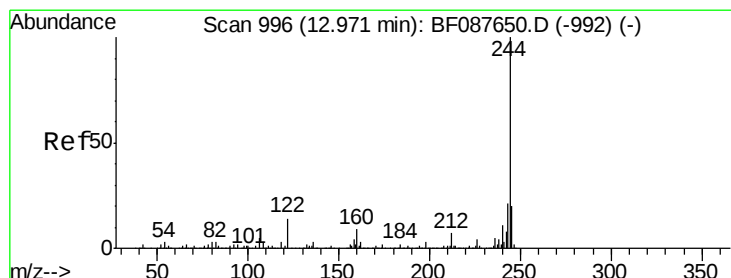
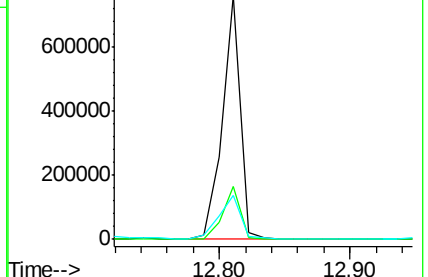
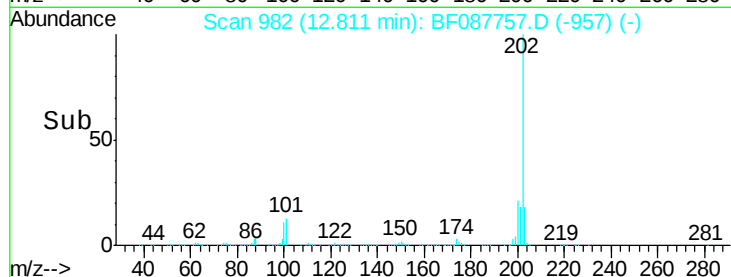
203 18.2 14.5 21.7



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: 82.12 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

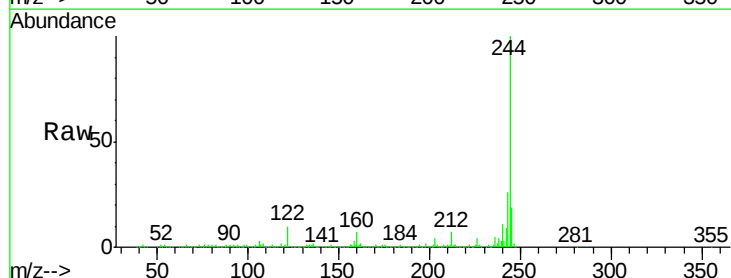
Tgt Ion:244 Resp: 756295

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

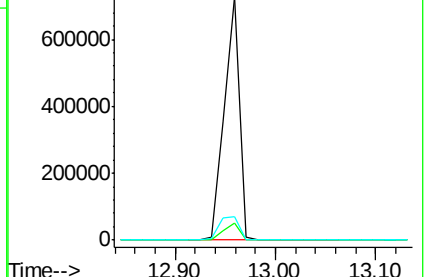
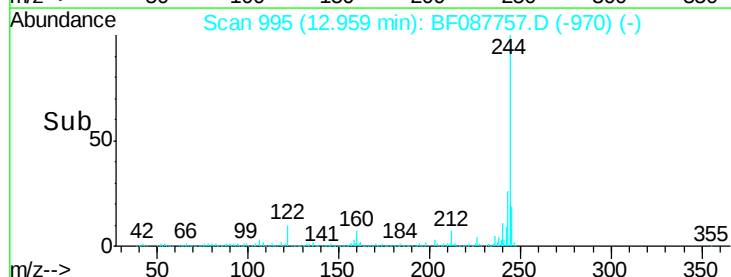
122 9.7 11.2 16.8#

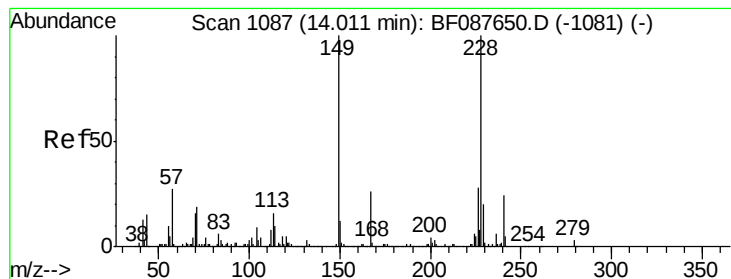


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

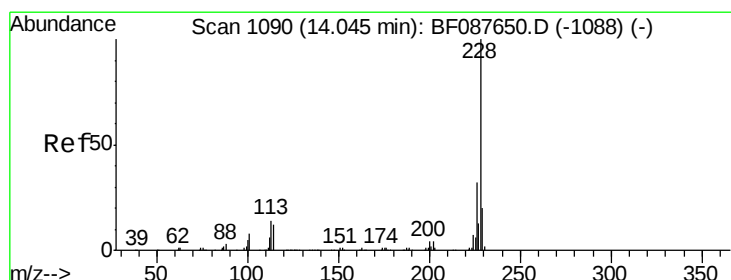
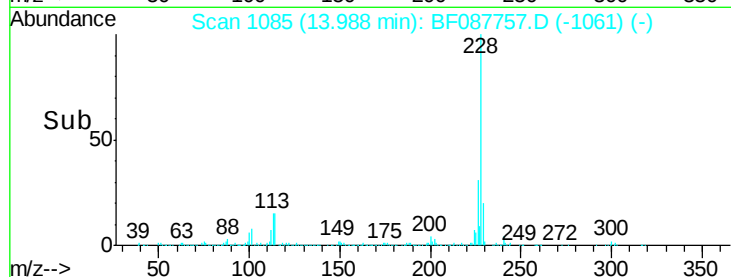
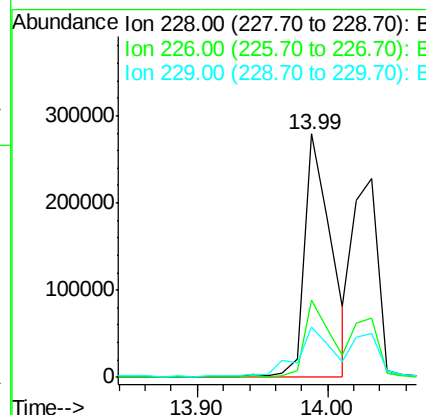
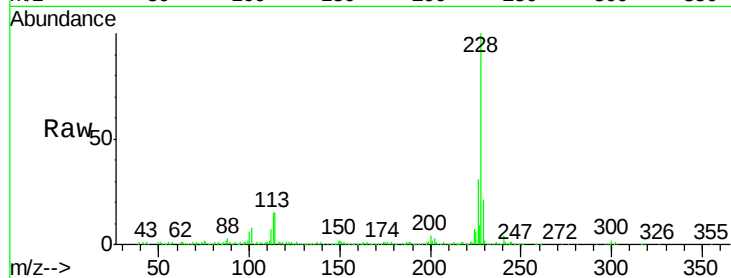




#80  
Benzo(a)anthracene  
Concen: 30.18 ng  
RT: 13.99 min Scan# 1085  
Delta R.T. -0.02 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

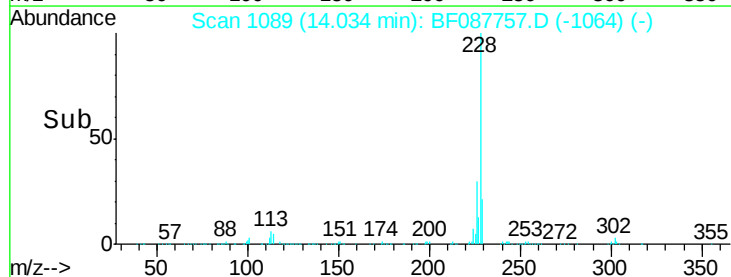
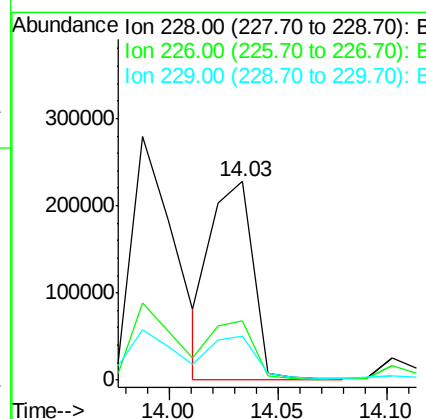
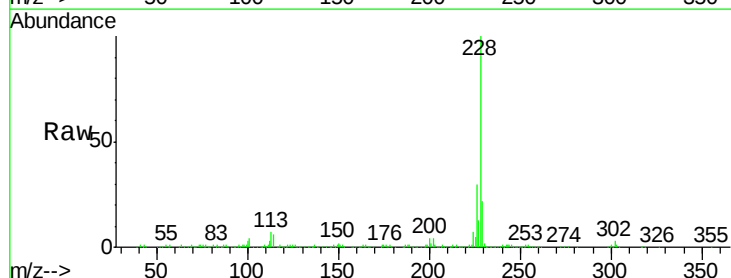
Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

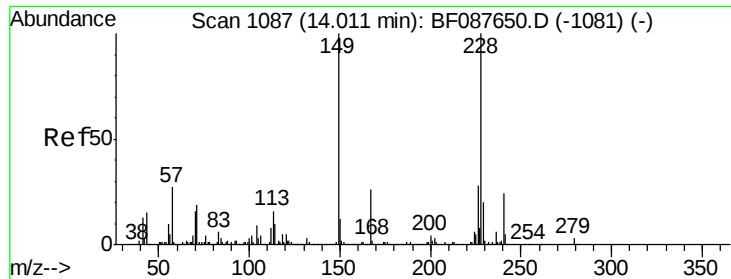
Tgt Ion:228 Resp: 391422  
Ion Ratio Lower Upper  
228 100  
226 31.5 22.3 33.5  
229 20.8 16.0 24.0



#82  
Chrysene  
Concen: 23.32 ng  
RT: 14.03 min Scan# 1089  
Delta R.T. -0.01 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Tgt Ion:228 Resp: 301071  
Ion Ratio Lower Upper  
228 100  
226 29.9 25.4 38.2  
229 21.8 16.3 24.5

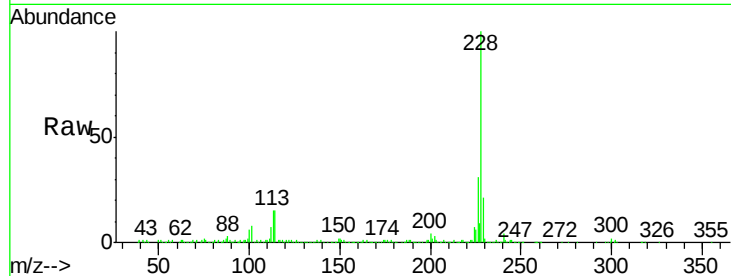




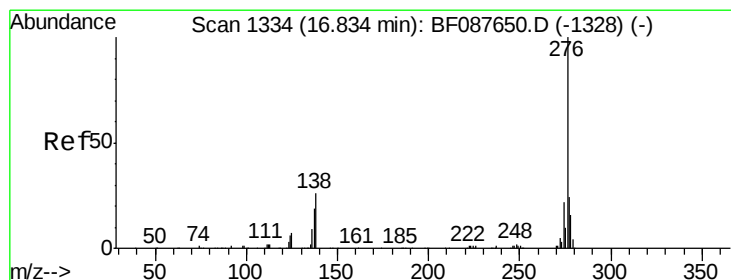
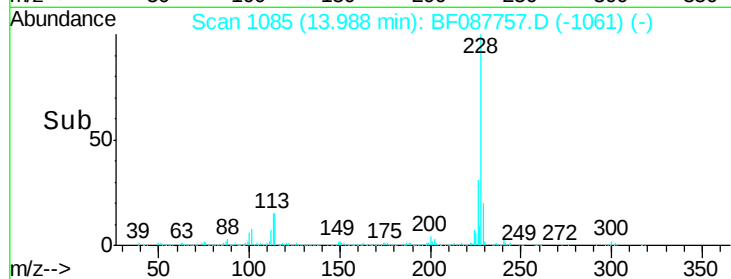
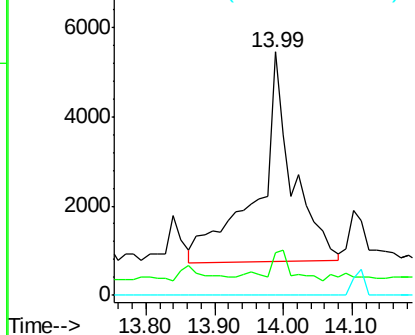
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.04 ng  
 RT: 13.99 min Scan# 1085  
 Delta R.T. -0.02 min  
 Lab File: BF087757.D  
 Acq: 6 Jun 2016 17:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STA-TA-1280(0-4)

Tgt Ion:149 Resp: 16560  
 Ion Ratio Lower Upper  
 149 100  
 167 17.7 20.5 30.7#  
 279 0.0 2.0 3.0#

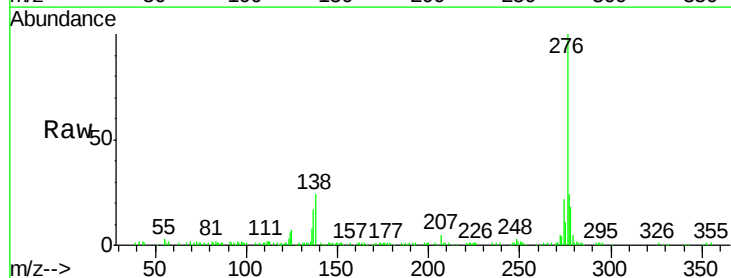


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

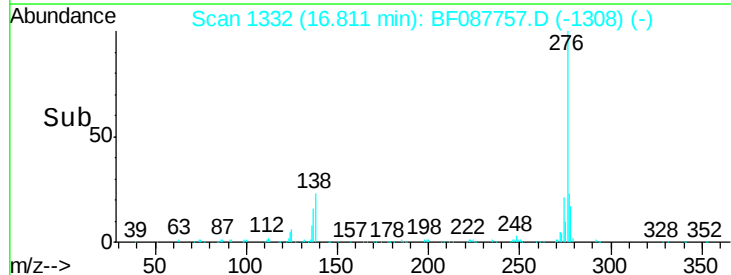
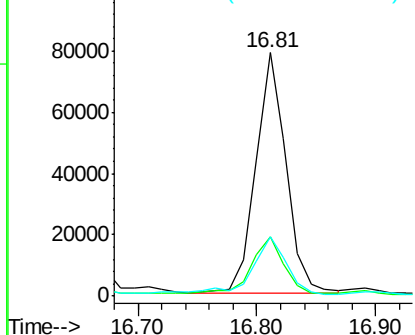


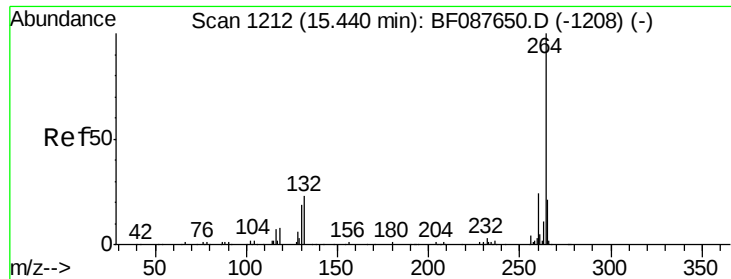
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 13.11 ng  
 RT: 16.81 min Scan# 1332  
 Delta R.T. -0.02 min  
 Lab File: BF087757.D  
 Acq: 6 Jun 2016 17:45

Tgt Ion:276 Resp: 139866  
 Ion Ratio Lower Upper  
 276 100  
 138 25.2 0.0 0.0#  
 277 27.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

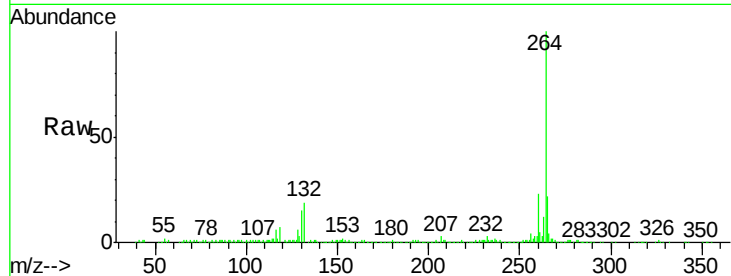
Tgt Ion:264 Resp: 197057

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

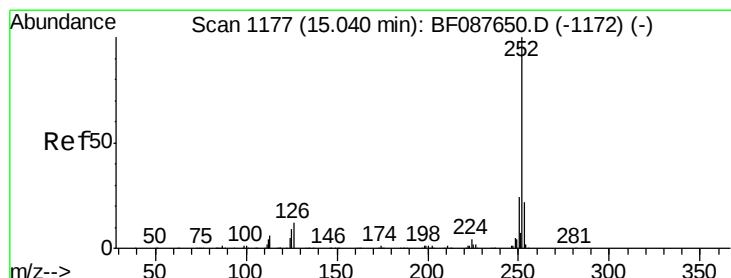
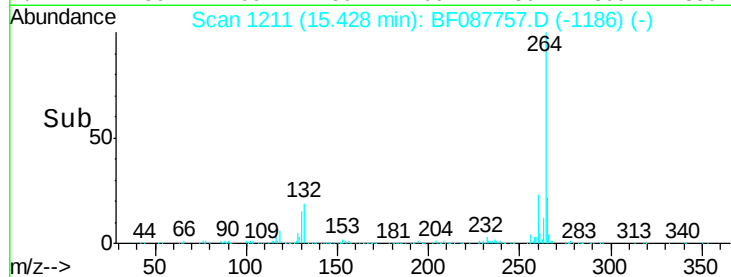
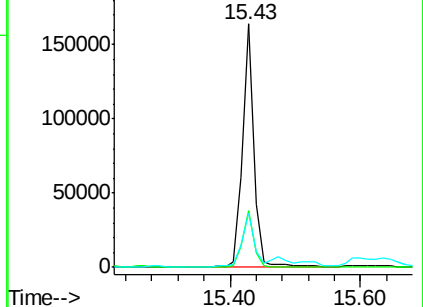
265 22.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 42.57 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

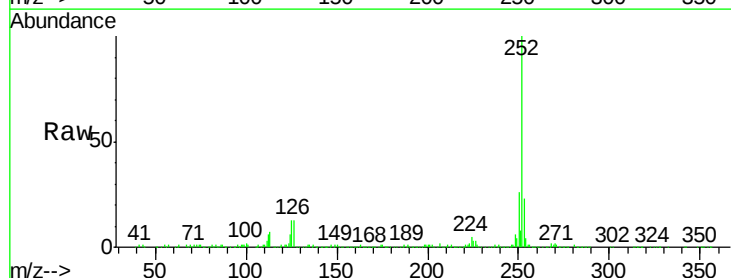
Tgt Ion:252 Resp: 545743

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

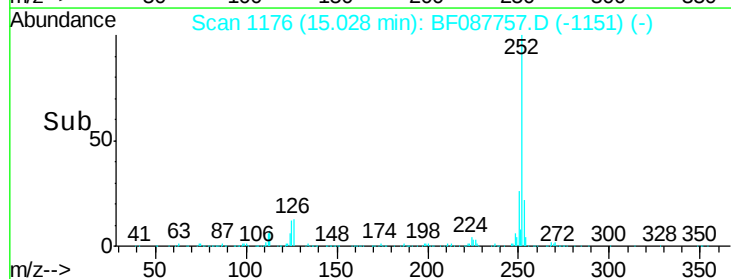
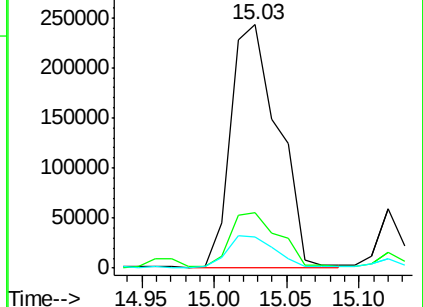
125 12.8 7.1 10.7#

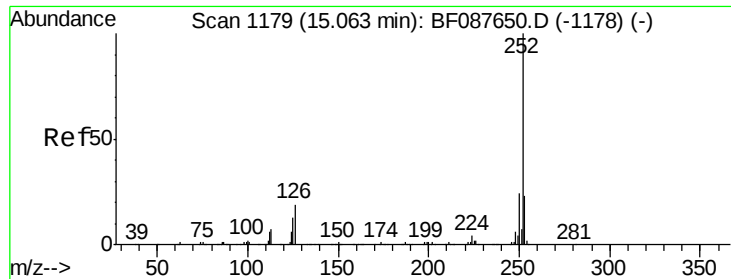


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

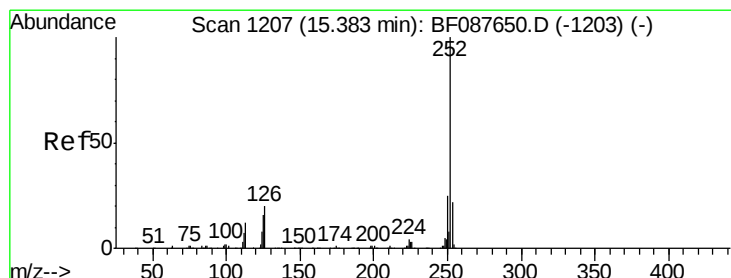
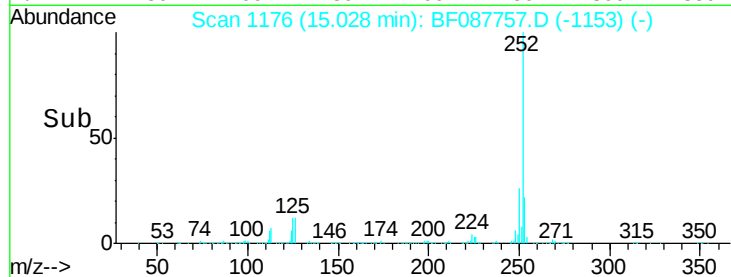
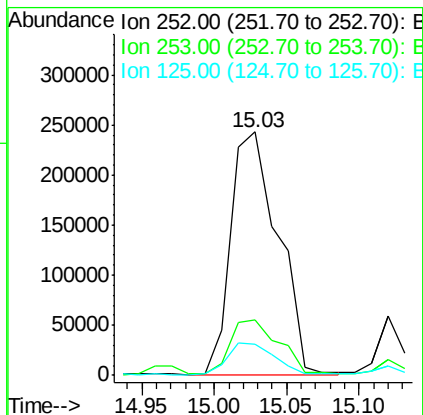
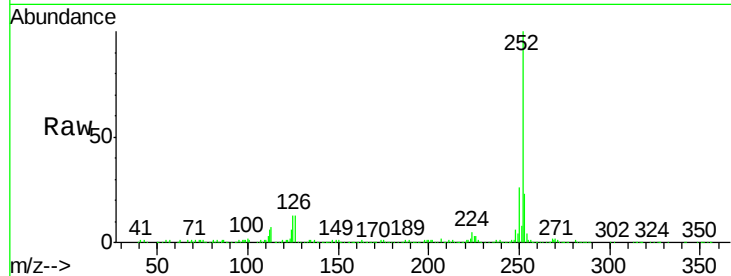




#88  
Benzo(k)fluoranthene  
Concen: 51.17 ng  
RT: 15.03 min Scan# 1176  
Delta R.T. -0.03 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

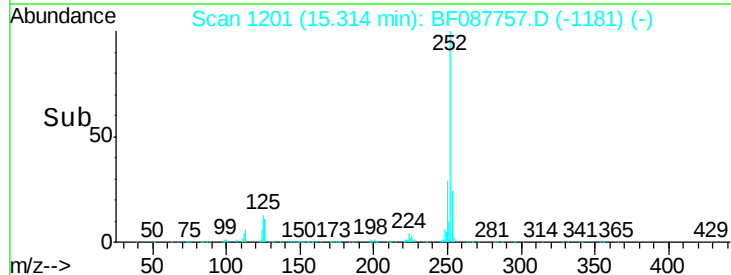
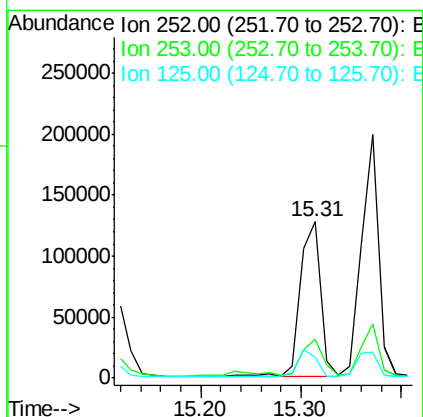
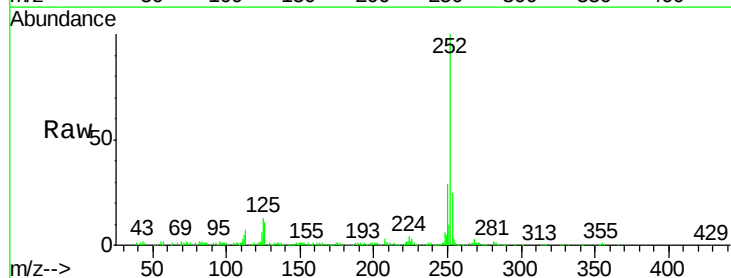
Instrument :  
BNA\_F  
ClientSampleId :  
STA-TA-1280(0-4)

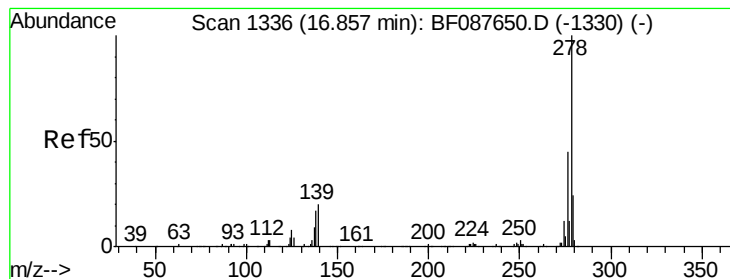
Tgt Ion:252 Resp: 545743  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 12.8 11.2 16.8



#89  
Benzo(a)pyrene  
Concen: 16.70 ng  
RT: 15.31 min Scan# 1201  
Delta R.T. -0.07 min  
Lab File: BF087757.D  
Acq: 6 Jun 2016 17:45

Tgt Ion:252 Resp: 180006  
Ion Ratio Lower Upper  
252 100  
253 24.9 17.9 26.9  
125 13.3 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 3.98 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

Instrument :

BNA\_F

ClientSampleId :

STA-TA-1280(0-4)

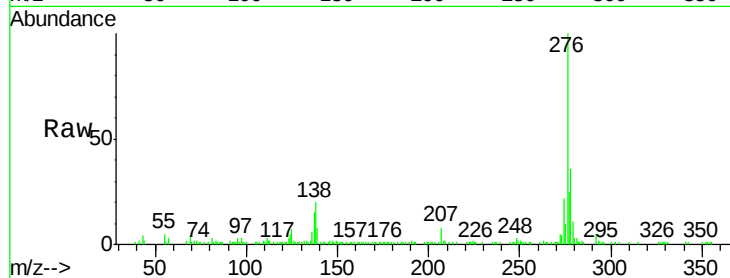
Tgt Ion:278 Resp: 36479

Ion Ratio Lower Upper

278 100

139 21.9 15.7 23.5

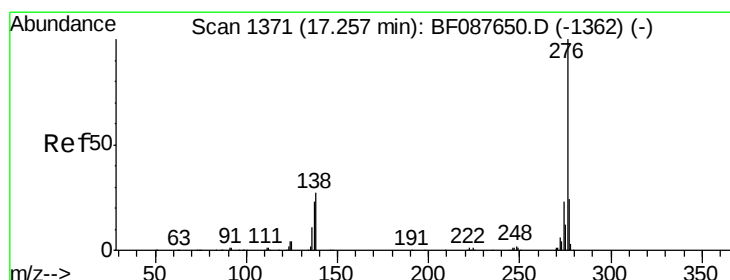
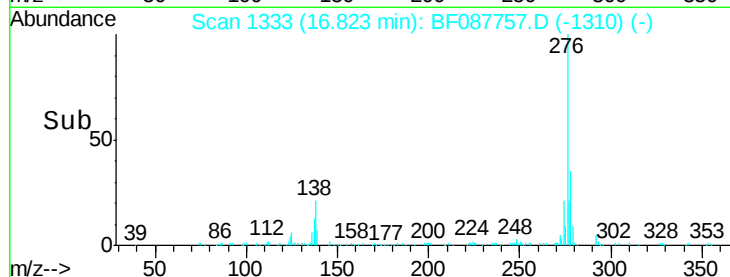
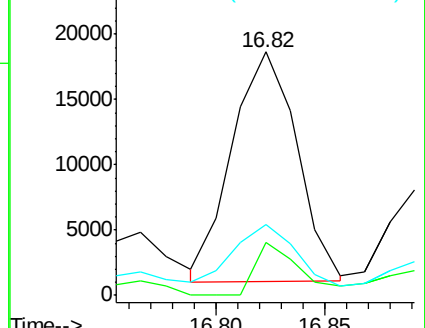
279 29.1 19.4 29.2



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: 13.18 ng

RT: 17.23 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF087757.D

Acq: 6 Jun 2016 17:45

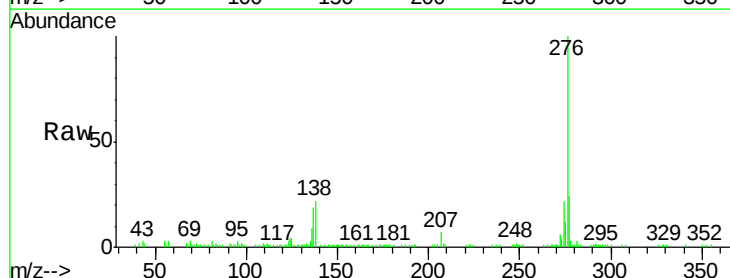
Tgt Ion:276 Resp: 121986

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.7 21.4 32.2



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

