

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
 Data File : BF087067.D  
 Acq On : 15 May 2016 14:01  
 Operator : UM/SJ  
 Sample : H2968-06 2X  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP42-4.5FT

Quant Time: May 16 04:57:29 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 13 14:55:23 2016  
 Response via : Initial Calibration

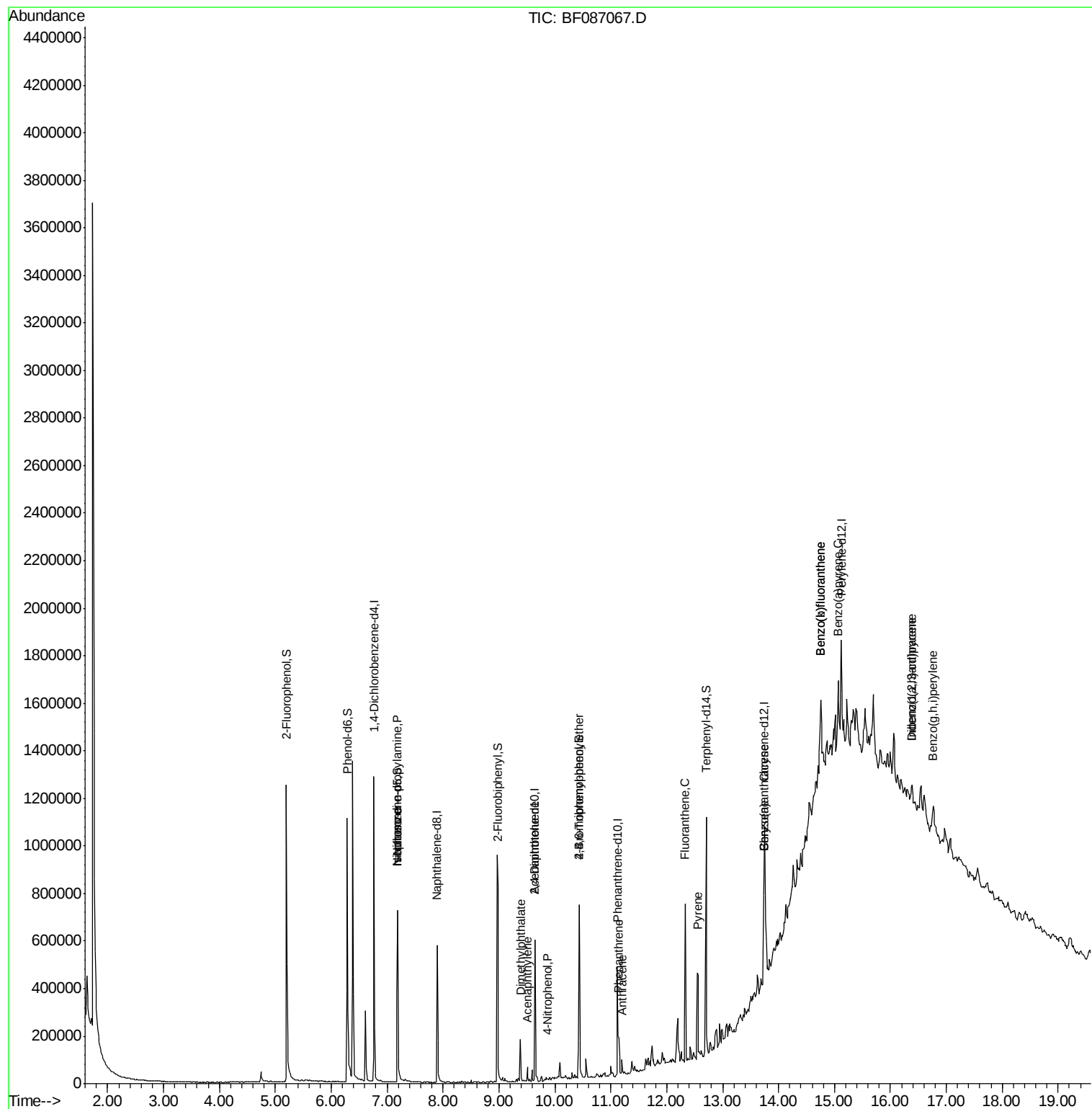
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.76  | 152  | 170377   | 20.00 | ng    | 0.07     |
| 21) Naphthalene-d8             | 7.90  | 136  | 261291   | 20.00 | ng    | -0.09    |
| 38) Acenaphthene-d10           | 9.64  | 164  | 107341   | 20.00 | ng    | -0.09    |
| 63) Phenanthrene-d10           | 11.12 | 188  | 174112   | 20.00 | ng    | -0.09    |
| 75) Chrysene-d12               | 13.75 | 240  | 166554   | 20.00 | ng    | -0.09    |
| 86) Perylene-d12               | 15.12 | 264  | 154740   | 20.00 | ng    | -0.09    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.20  | 112  | 384130   | 38.18 | ng    | -0.09    |
| 7) Phenol-d6                   | 6.28  | 99   | 470247   | 34.97 | ng    | -0.08    |
| 23) Nitrobenzene-d5            | 7.19  | 82   | 285855   | 54.93 | ng    | -0.08    |
| 41) 2,4,6-Tribromophenol       | 10.43 | 330  | 80802    | 71.10 | ng    | -0.09    |
| 44) 2-Fluorobiphenyl           | 8.98  | 172  | 424290   | 66.43 | ng    | -0.08    |
| 78) Terphenyl-d14              | 12.71 | 244  | 344482   | 43.88 | ng    | -0.09    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propylamine | 7.19  | 70   | 39098    | 4.16  | ng    | # 77     |
| 25) Isophorone                 | 7.19  | 82   | 285877   | 29.61 | ng    | # 68     |
| 48) Acenaphthylene             | 9.51  | 152  | 25430    | 2.58  | ng    | 99       |
| 49) Dimethylphthalate          | 9.38  | 163  | 66792    | 8.16  | ng    | 99       |
| 55) 4-Nitrophenol              | 9.86  | 139  | 1062     | 5.39  | ng    | # 14     |
| 56) 2,4-Dinitrotoluene         | 9.64  | 165  | 13639    | 6.39  | ng    | # 15     |
| 66) 4-Bromophenyl-phenylether  | 10.43 | 248  | 4944     | 2.80  | ng    | # 1      |
| 70) Phenanthrene               | 11.14 | 178  | 61663    | 6.64  | ng    | 98       |
| 71) Anthracene                 | 11.20 | 178  | 29137    | 3.07  | ng    | 97       |
| 74) Fluoranthene               | 12.33 | 202  | 260818   | 27.29 | ng    | 93       |
| 77) Pyrene                     | 12.56 | 202  | 210392   | 16.50 | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.74 | 228  | 147604   | 15.79 | ng    | 93       |
| 82) Chrysene                   | 13.74 | 228  | 148082   | 15.57 | ng    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.39 | 276  | 54586    | 6.90  | ng    | # 89     |
| 87) Benzo(b)fluoranthene       | 14.75 | 252  | 204882   | 20.37 | ng    | 95       |
| 88) Benzo(k)fluoranthene       | 14.75 | 252  | 204882   | 24.88 | ng    | # 92     |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 99543    | 11.48 | ng    | # 78     |
| 90) Dibenzo(a,h)anthracene     | 16.39 | 278  | 16864    | 2.31  | ng    | # 29     |
| 91) Benzo(g,h,i)perylene       | 16.77 | 276  | 48096    | 6.47  | ng    | # 92     |

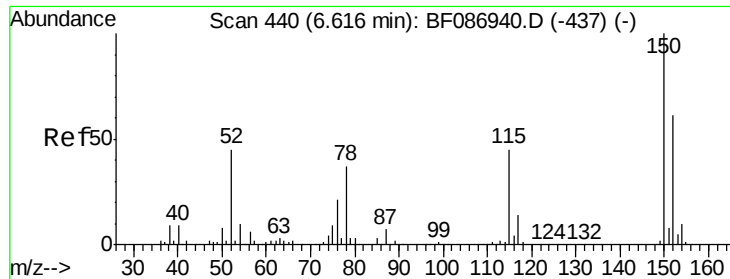
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
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QLast Update : Fri May 13 14:55:23 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

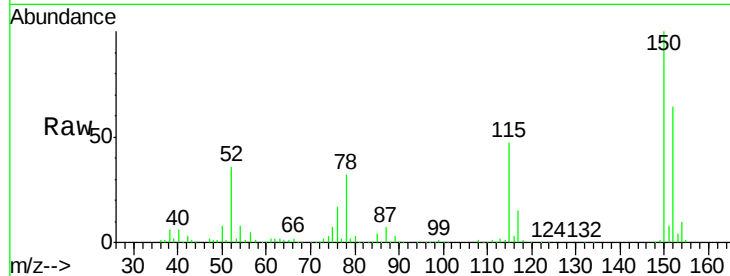
Tgt Ion:152 Resp: 170377

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.6

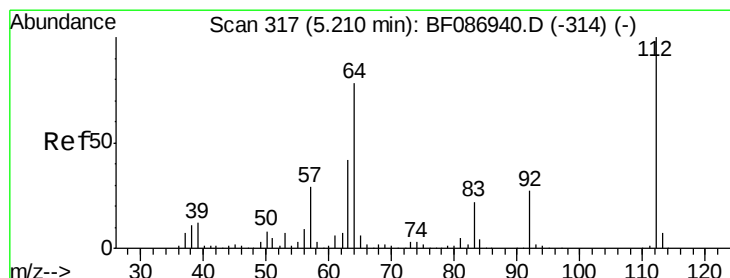
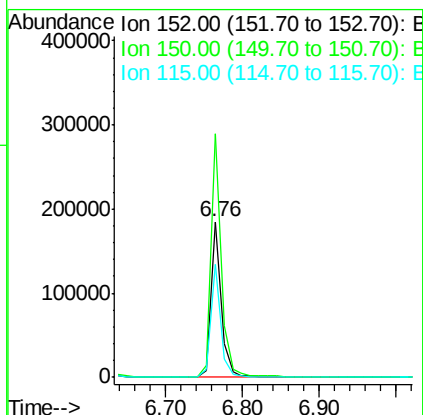
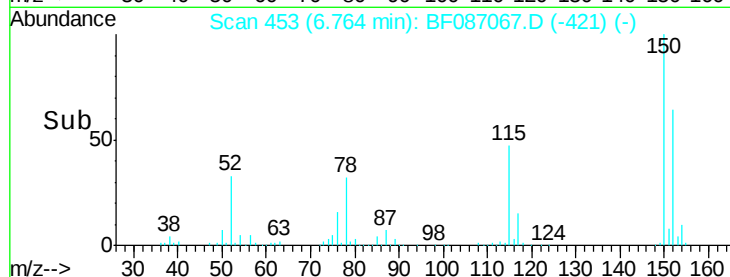
115 72.8 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 38.18 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

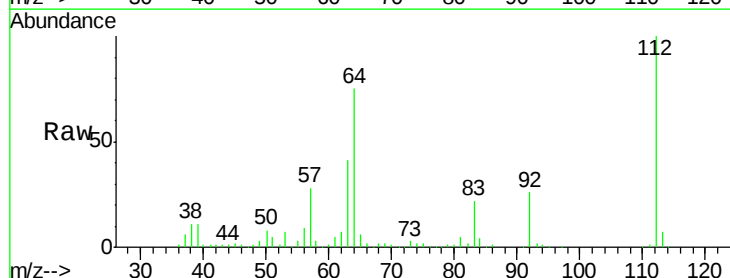
Tgt Ion:112 Resp: 384130

Ion Ratio Lower Upper

112 100

64 75.5 52.1 78.1

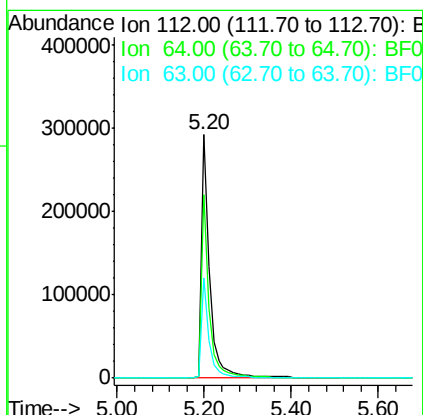
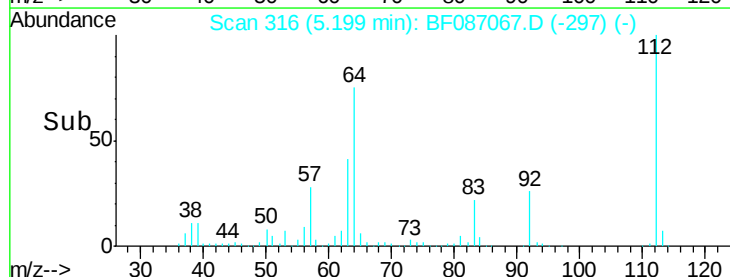
63 41.4 25.7 38.5

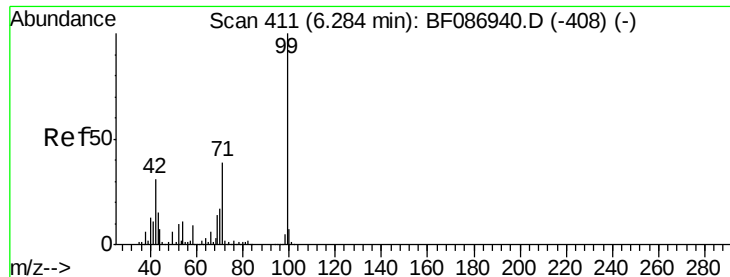


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.97 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

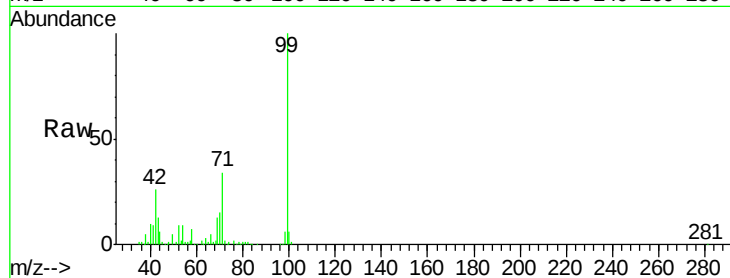
Tgt Ion: 99 Resp: 470247

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

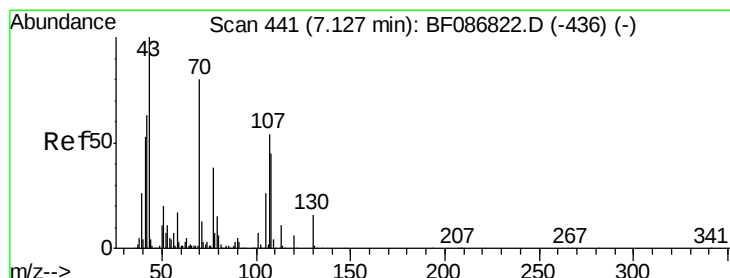
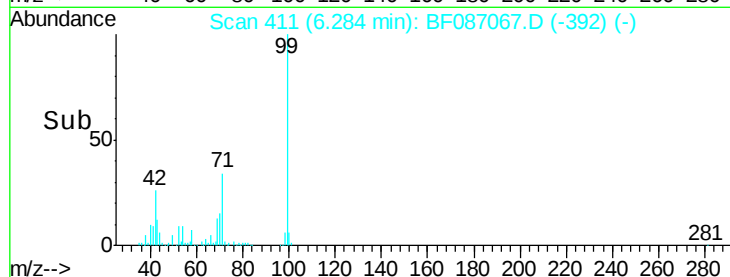
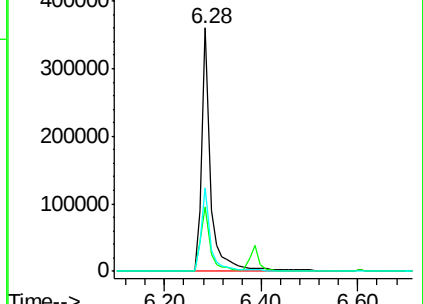
71 34.5 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.16 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Tgt Ion: 70 Resp: 39098

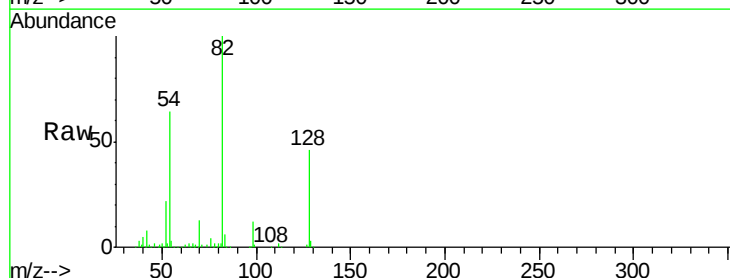
Ion Ratio Lower Upper

70 100

42 64.1 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

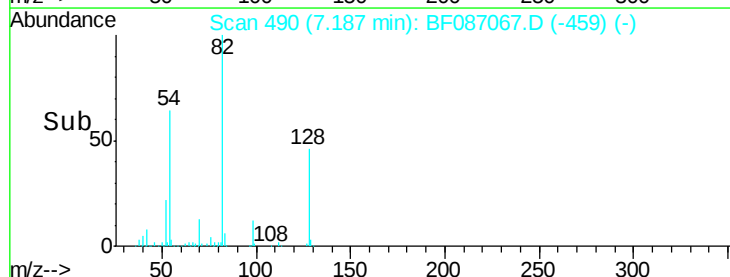
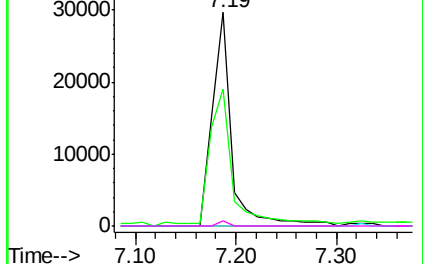


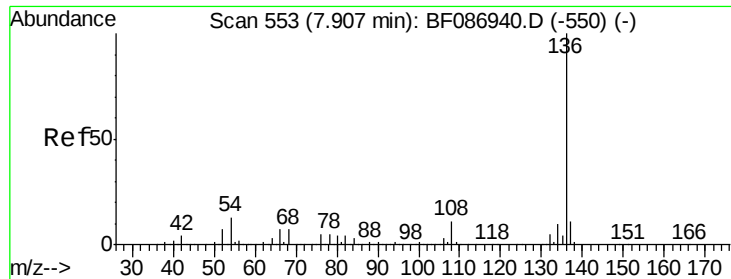
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

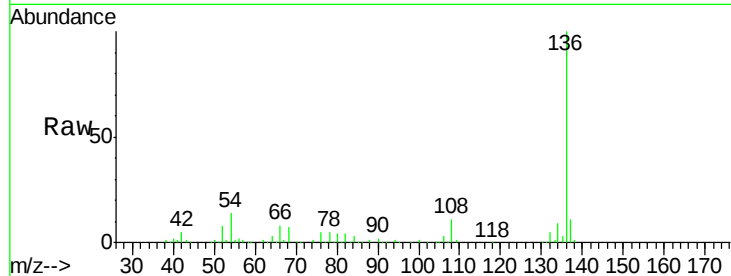




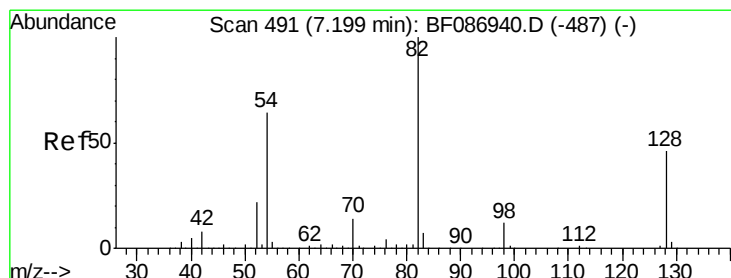
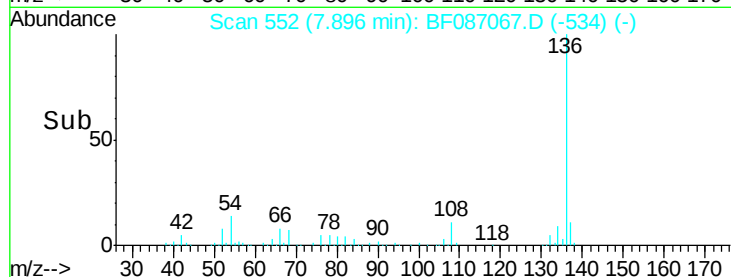
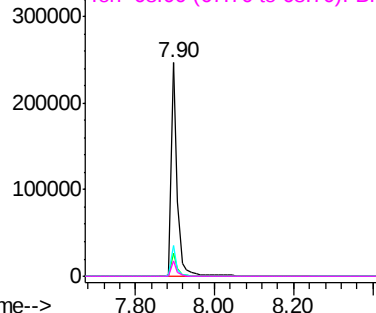
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.90 min Scan# 552  
Delta R.T. -0.09 min  
Lab File: BF087067.D  
Acq: 15 May 2016 14:01

Instrument :  
BNA\_F  
ClientSampleId :  
TP42-4.5FT

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 261291 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.8   | 13.2   |
| 54       | 14.3  | 5.0   | 7.4#   |
| 68       | 7.4   | 4.4   | 6.6#   |

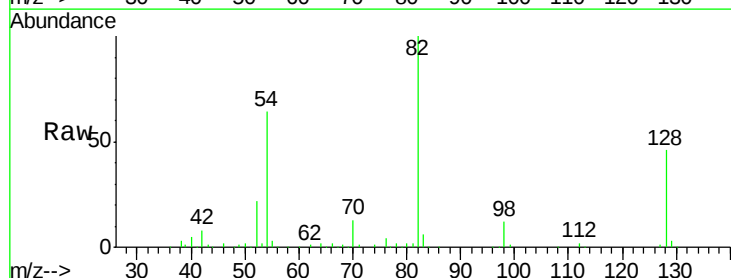


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

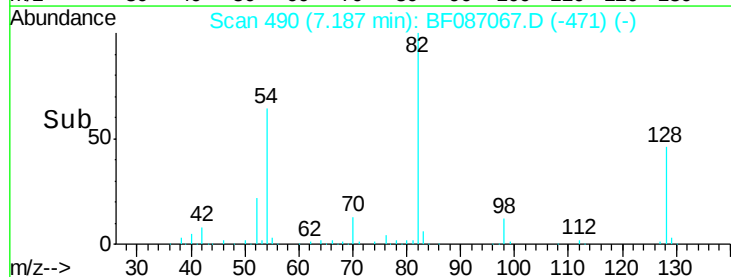
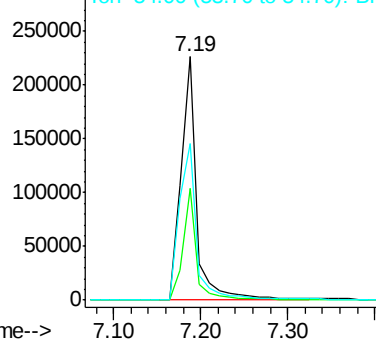


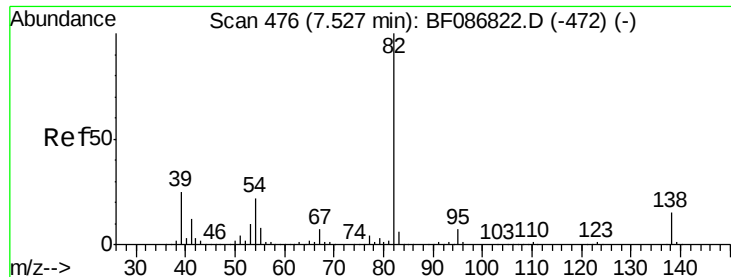
#23  
Nitrobenzene-d5  
Concen: 54.93 ng  
RT: 7.19 min Scan# 490  
Delta R.T. -0.08 min  
Lab File: BF087067.D  
Acq: 15 May 2016 14:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 285855 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.7  | 40.6  | 61.0   |
| 54       | 64.5  | 38.1  | 57.1#  |



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

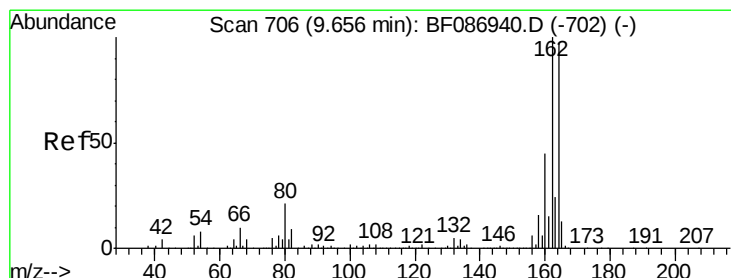
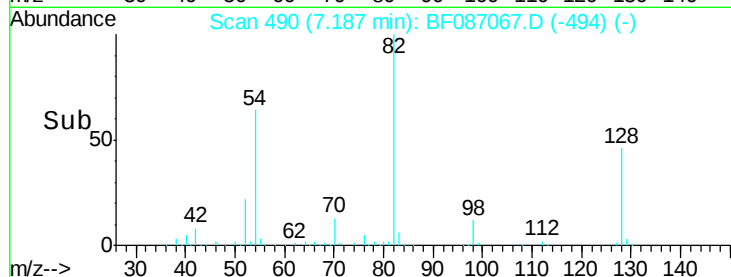
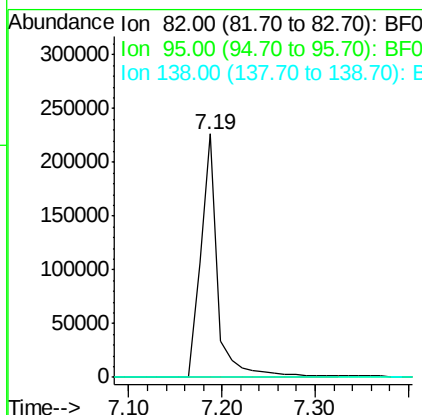
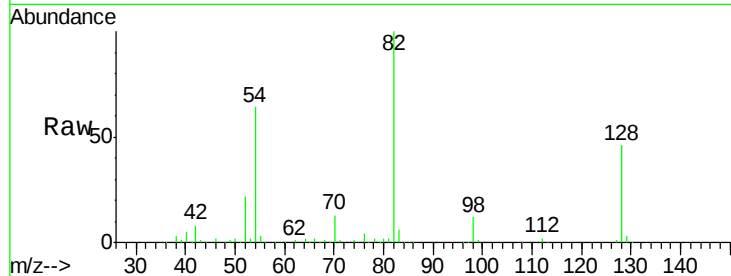




#25  
Isophorone  
Concen: 29.61 ng  
RT: 7.19 min Scan# 490  
Delta R.T. -0.34 min  
Lab File: BF087067.D  
Acq: 15 May 2016 14:01

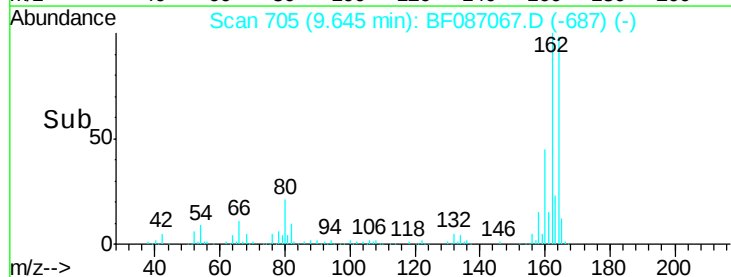
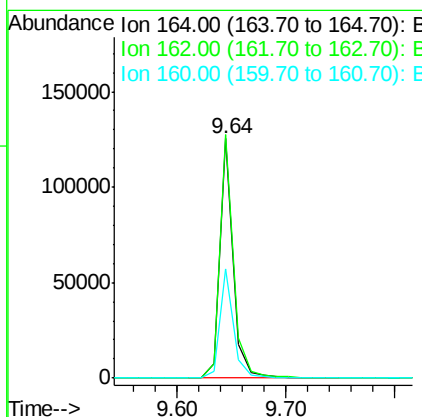
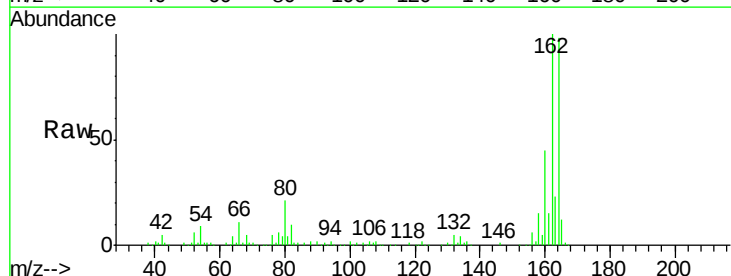
Instrument :  
BNA\_F  
ClientSampleId :  
TP42-4.5FT

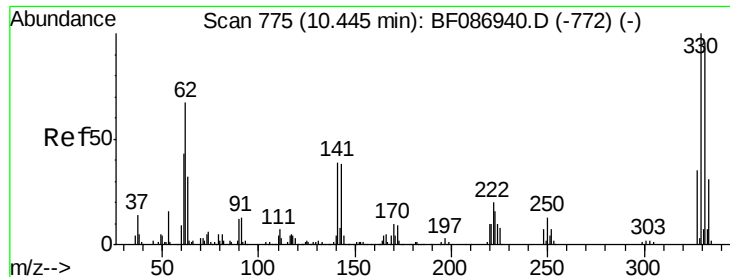
Tgt Ion: 82 Resp: 285877  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.1 7.7#  
138 0.0 12.4 18.6#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.64 min Scan# 705  
Delta R.T. -0.09 min  
Lab File: BF087067.D  
Acq: 15 May 2016 14:01

Tgt Ion: 164 Resp: 107341  
Ion Ratio Lower Upper  
164 100  
162 101.7 82.8 124.2  
160 45.6 36.9 55.3

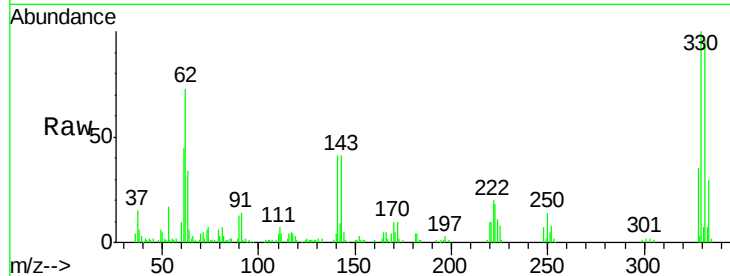




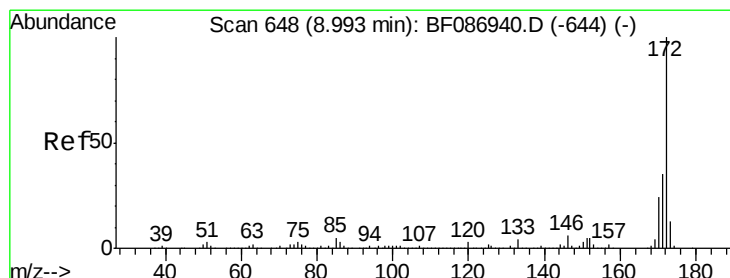
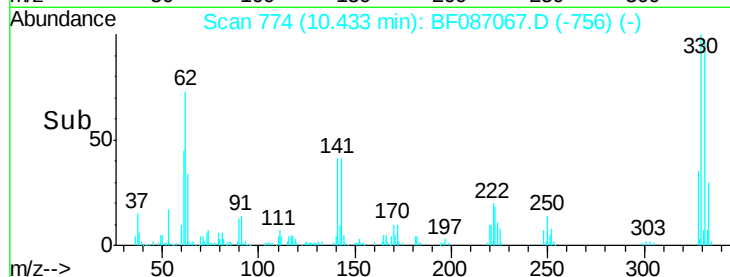
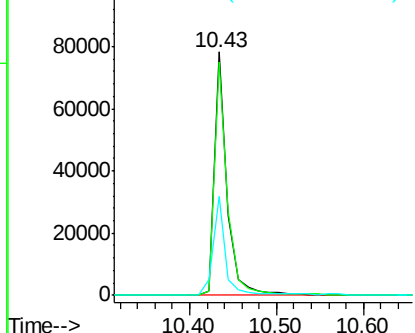
#41  
 2,4,6-Tribromophenol  
 Concen: 71.10 ng  
 RT: 10.43 min Scan# 774  
 Delta R.T. -0.09 min  
 Lab File: BF087067.D  
 Acq: 15 May 2016 14:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP42-4.5FT

Tgt Ion:330 Resp: 80802  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 79.0 118.4  
 141 40.3 31.2 46.8

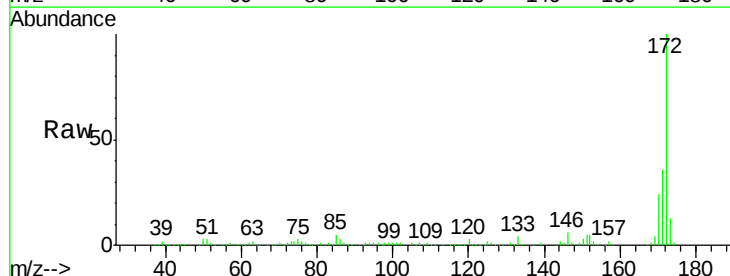


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

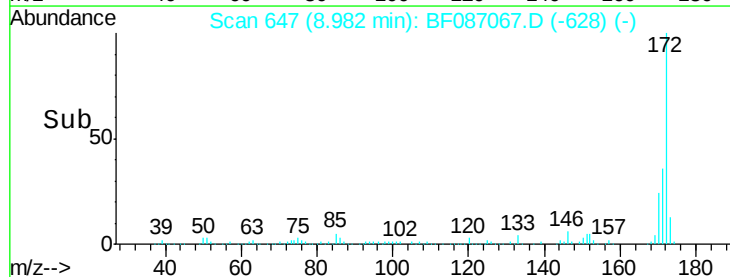
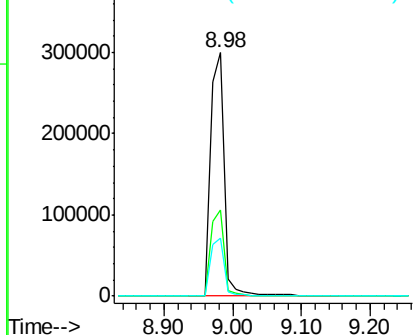


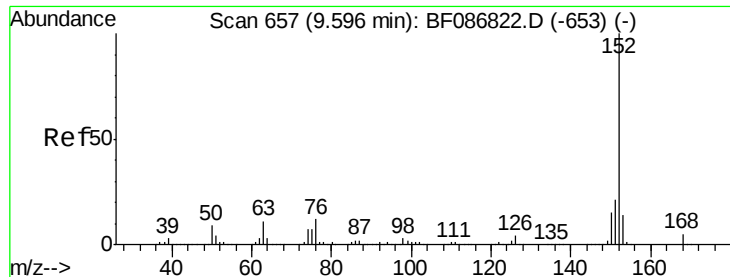
#44  
 2-Fluorobiphenyl  
 Concen: 66.43 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.08 min  
 Lab File: BF087067.D  
 Acq: 15 May 2016 14:01

Tgt Ion:172 Resp: 424290  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.0 43.6  
 170 24.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.58 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

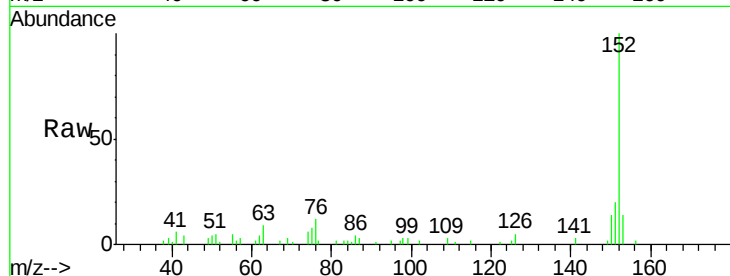
Tgt Ion:152 Resp: 25430

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

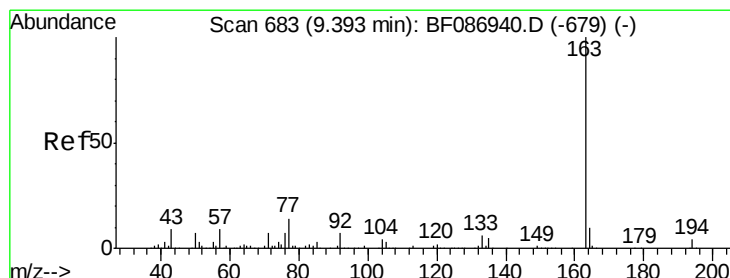
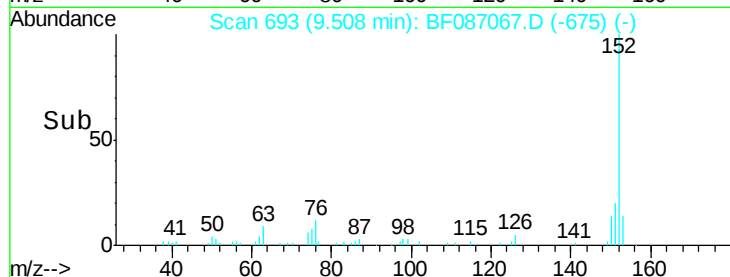
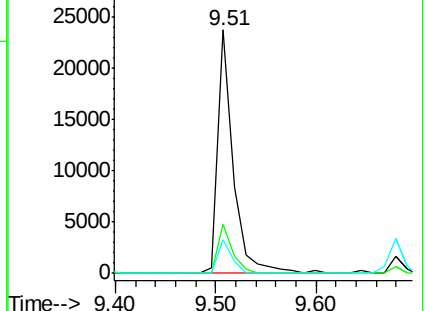
153 14.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.16 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

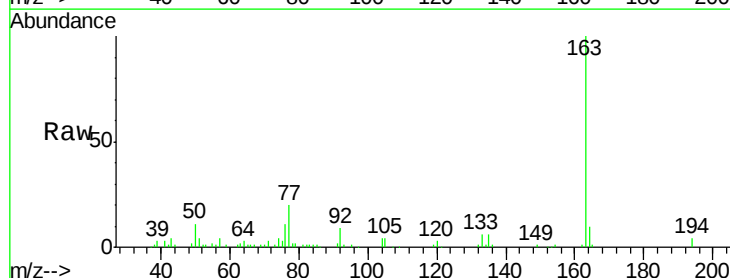
Tgt Ion:163 Resp: 66792

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

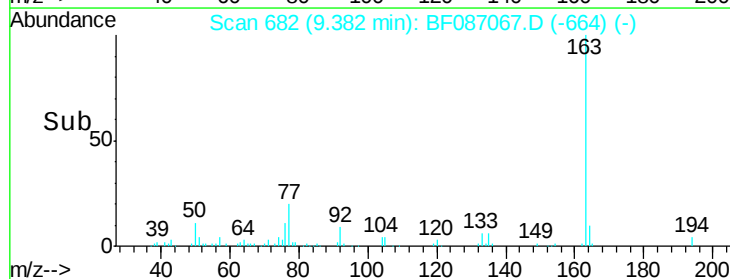
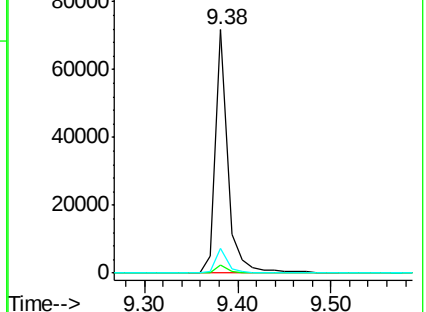
164 10.1 8.2 12.4

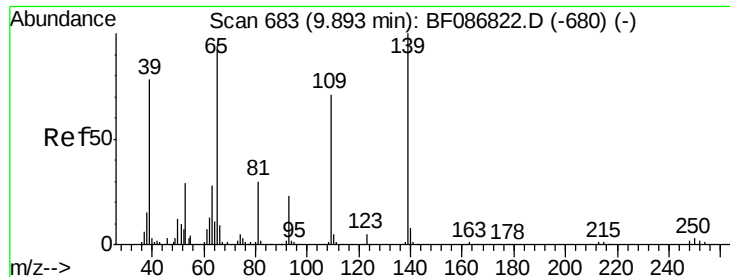


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 5.39 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

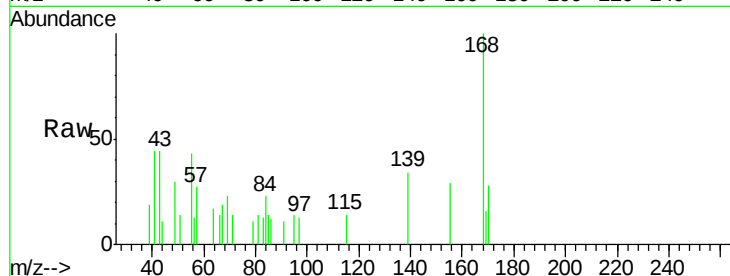
Tgt Ion:139 Resp: 1062

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

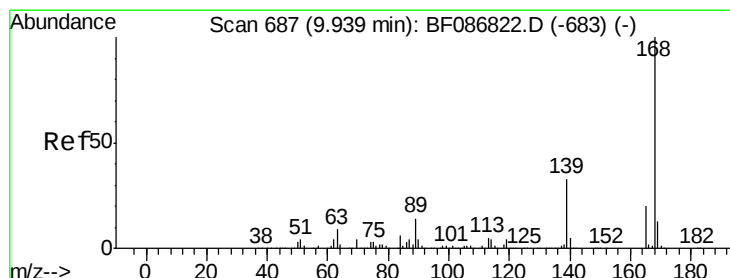
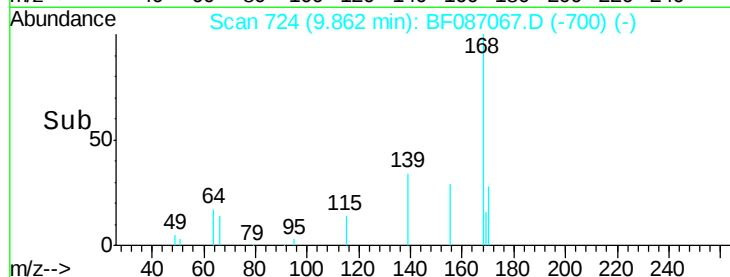
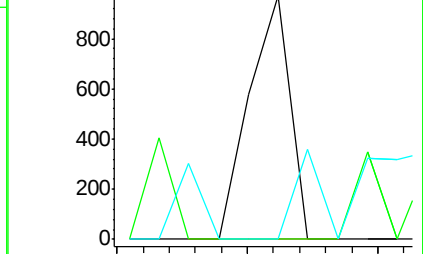
65 0.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.39 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Tgt Ion:165 Resp: 13639

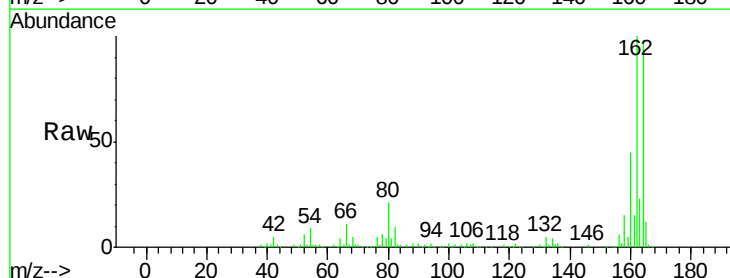
Ion Ratio Lower Upper

165 100

63 2.5 44.3 66.5#

89 0.0 70.0 105.0#

182 0.0 1.8 2.6#

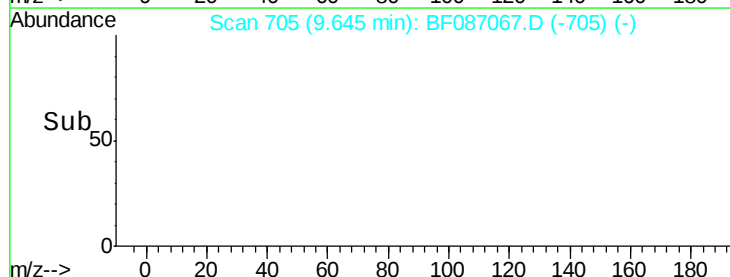
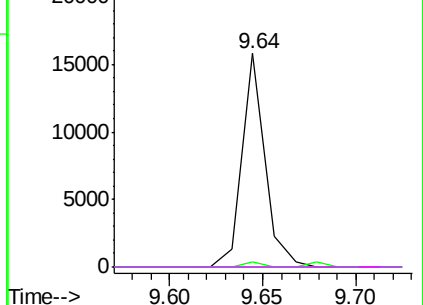


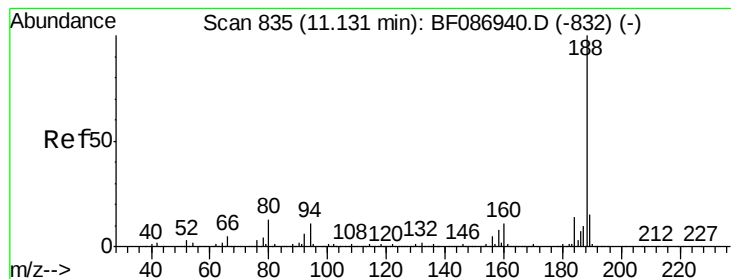
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

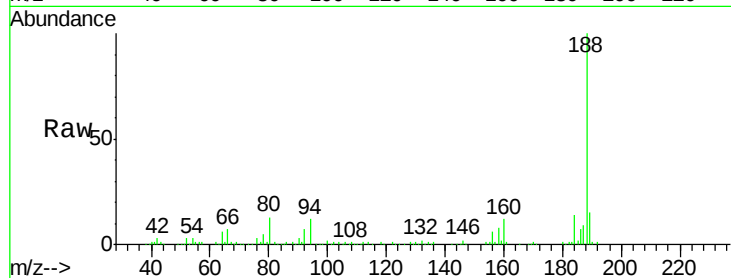
Tgt Ion:188 Resp: 174112

Ion Ratio Lower Upper

188 100

94 12.2 6.8 10.2#

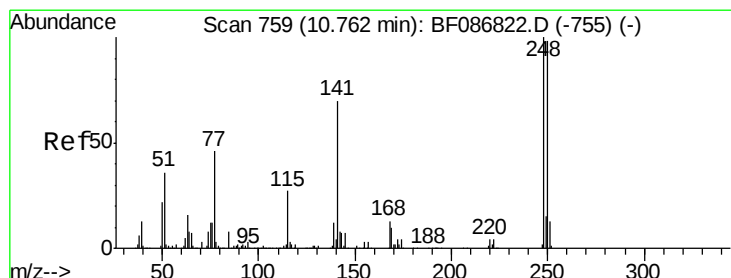
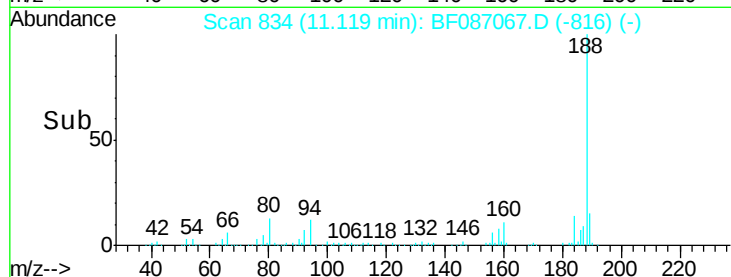
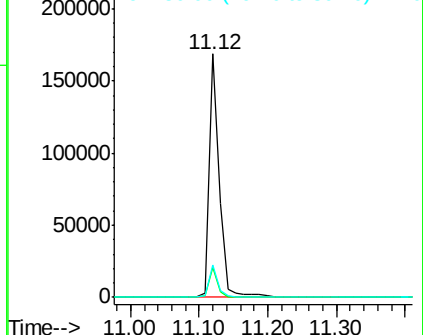
80 13.2 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 2.80 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

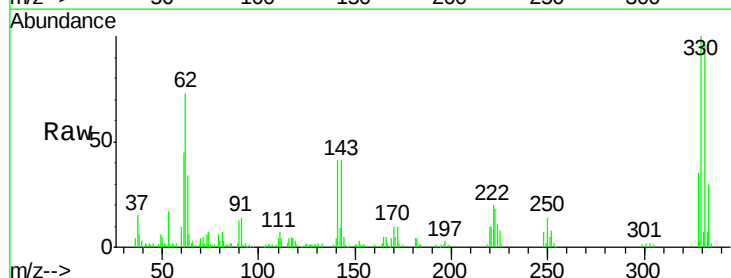
Tgt Ion:248 Resp: 4944

Ion Ratio Lower Upper

248 100

250 199.6 78.6 117.8#

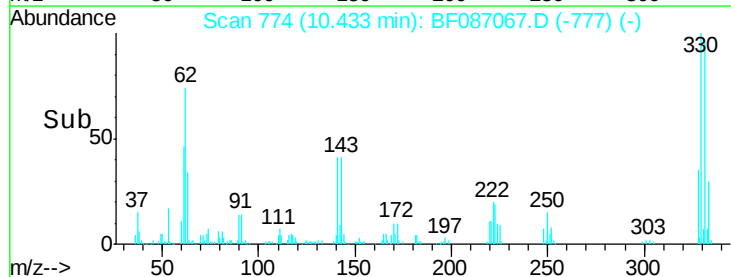
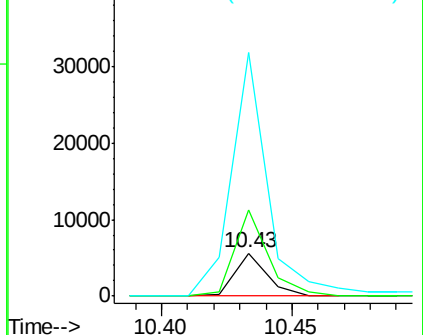
141 567.3 76.0 114.0#

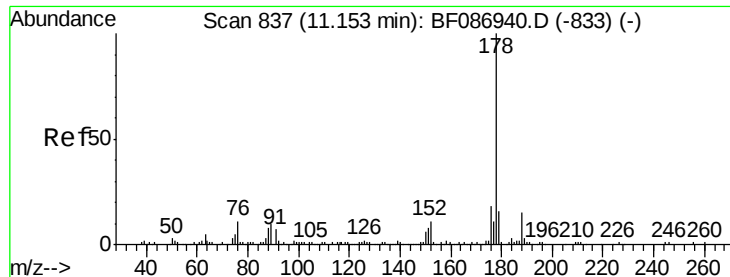


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 6.64 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

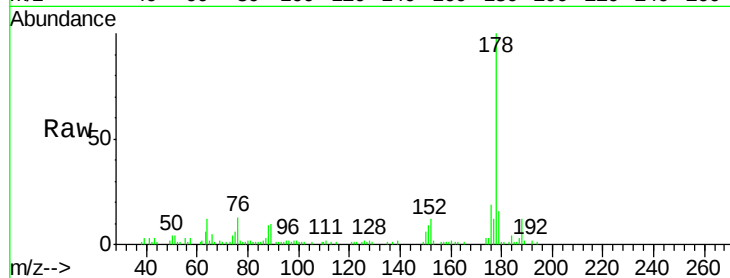
Tgt Ion:178 Resp: 61663

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

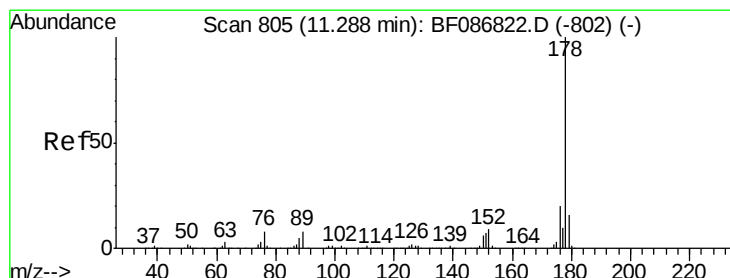
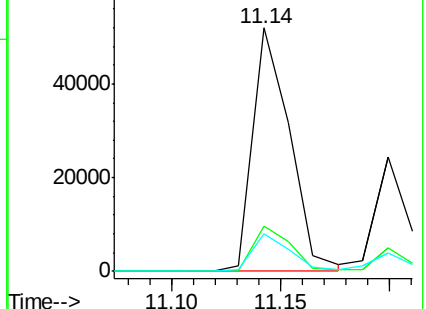
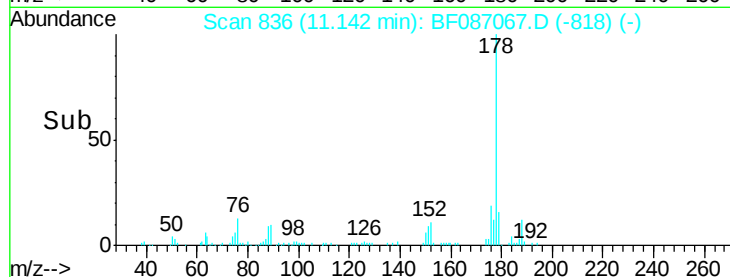
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.07 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

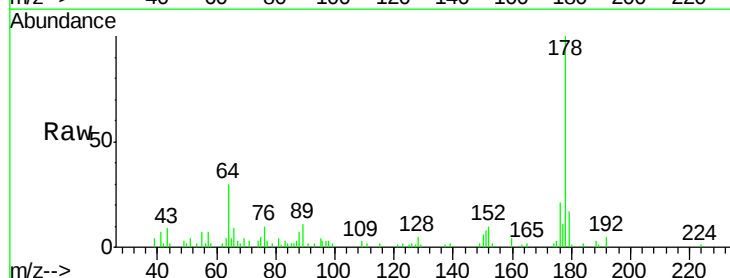
Tgt Ion:178 Resp: 29137

Ion Ratio Lower Upper

178 100

176 21.1 15.6 23.4

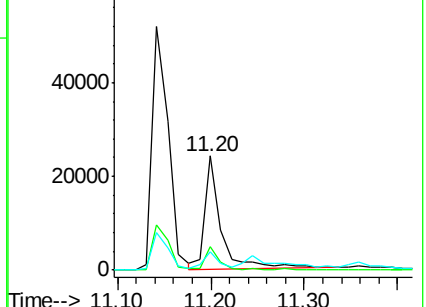
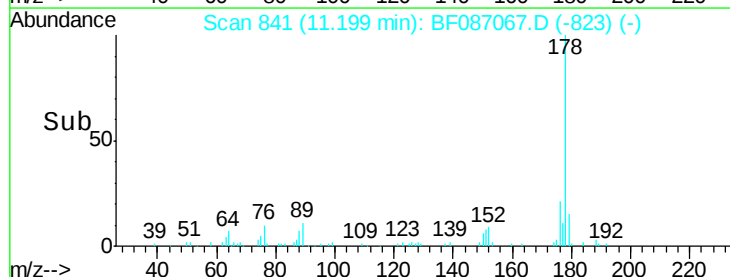
179 16.7 12.7 19.1

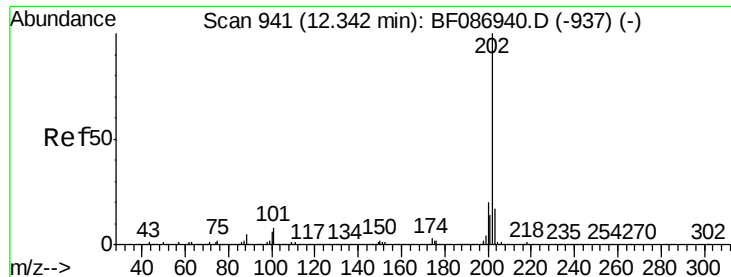


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 27.29 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

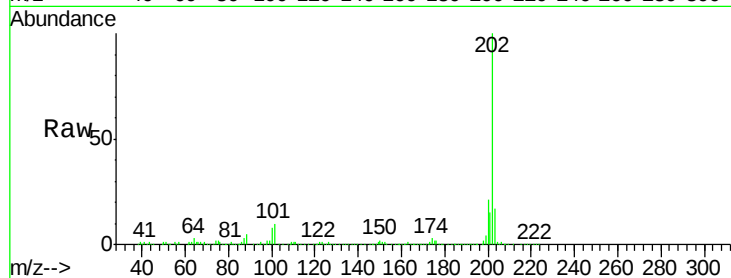
Tgt Ion:202 Resp: 260818

Ion Ratio Lower Upper

202 100

101 10.0 0.0 35.4

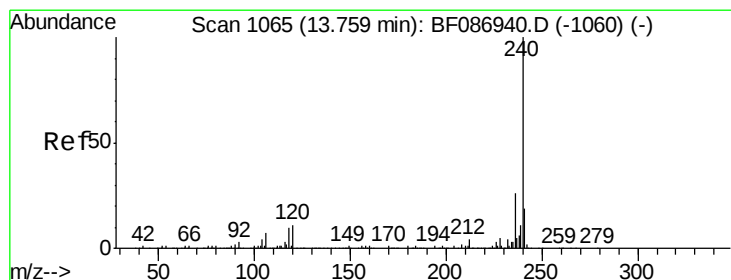
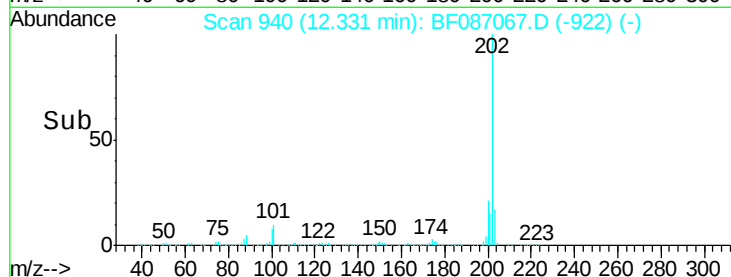
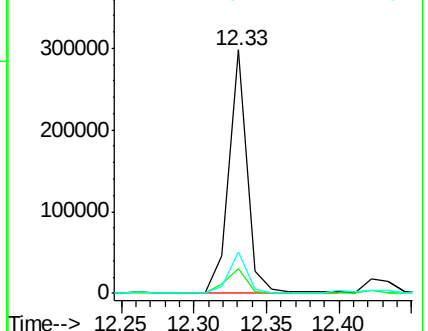
203 17.2 0.0 38.1



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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

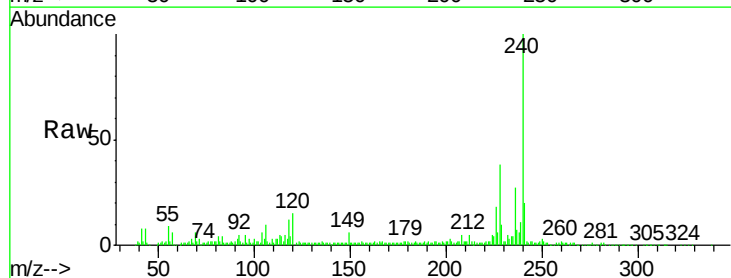
Tgt Ion:240 Resp: 166554

Ion Ratio Lower Upper

240 100

120 14.9 11.2 16.8

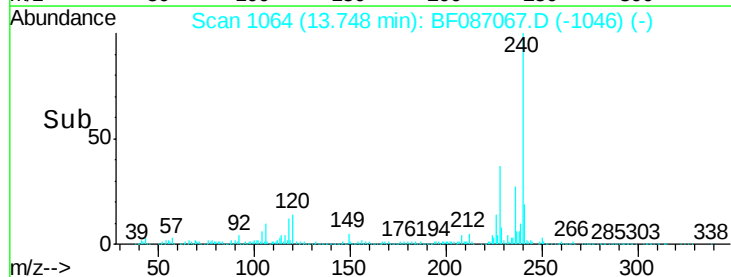
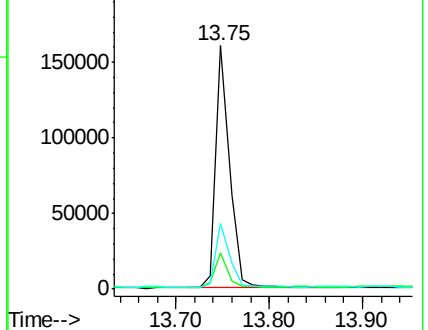
236 27.1 21.2 31.8

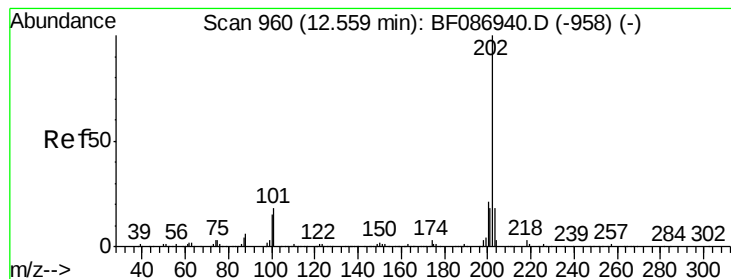


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 16.50 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

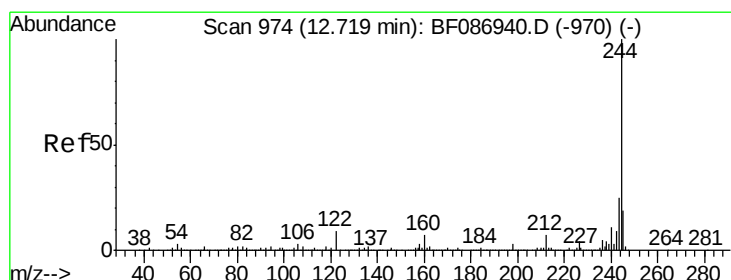
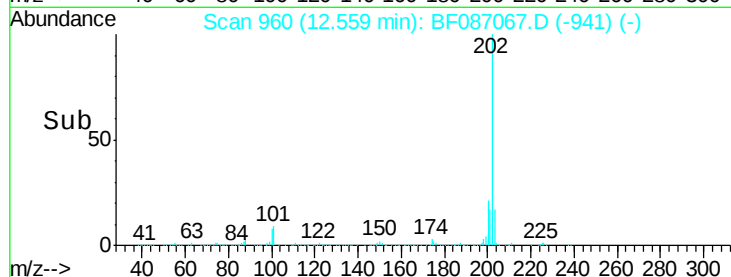
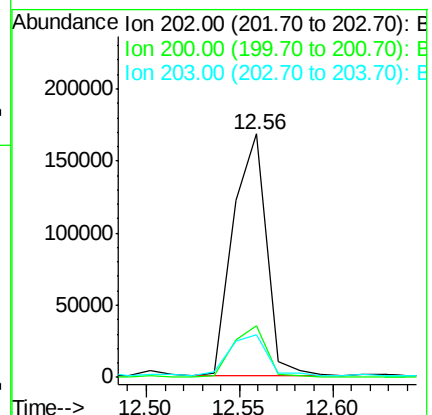
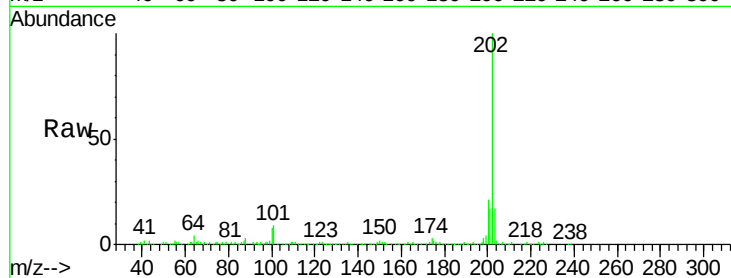
Tgt Ion:202 Resp: 210392

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.3 14.2 21.4



#78

Terphenyl-d14

Concen: 43.88 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

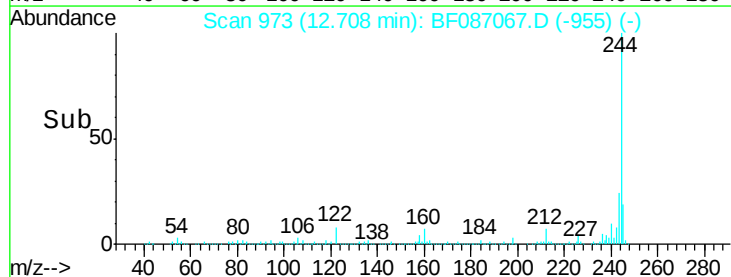
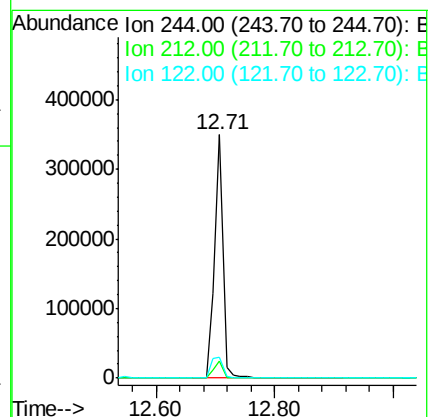
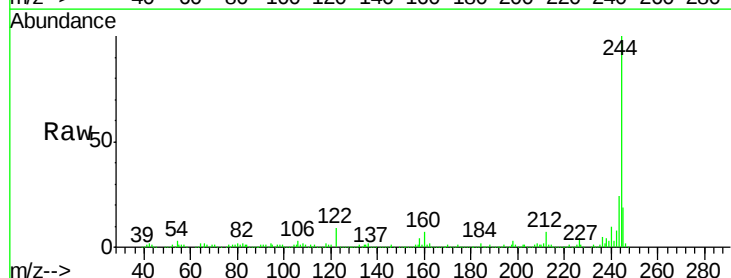
Tgt Ion:244 Resp: 344482

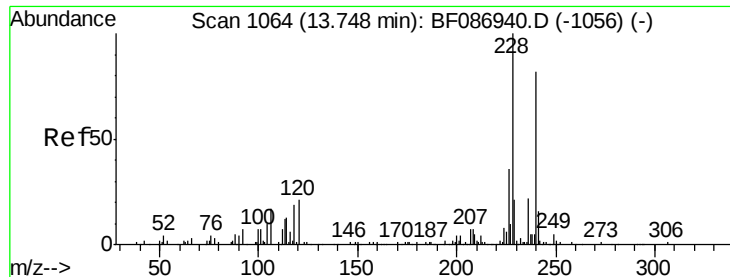
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 8.5 12.0 18.0#





#80

Benzo(a)anthracene

Concen: 15.79 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

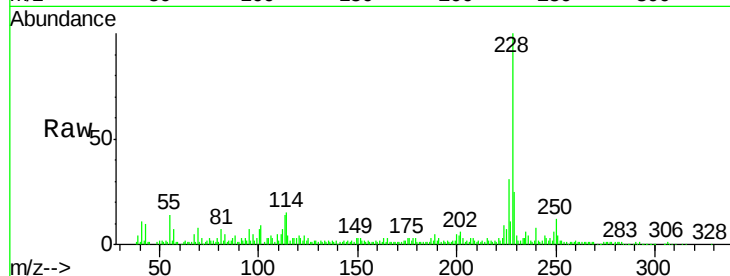
Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

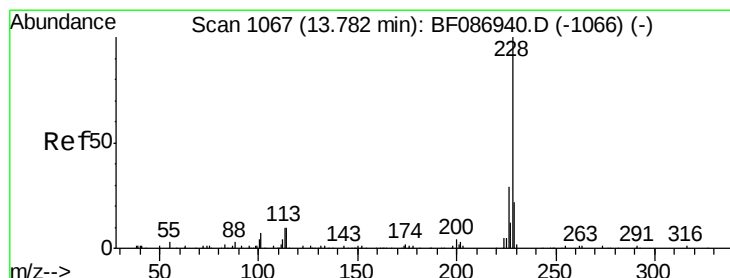
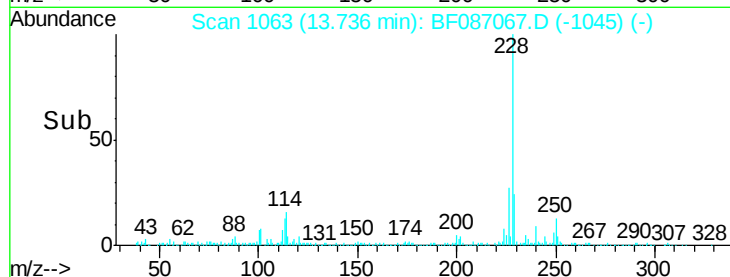
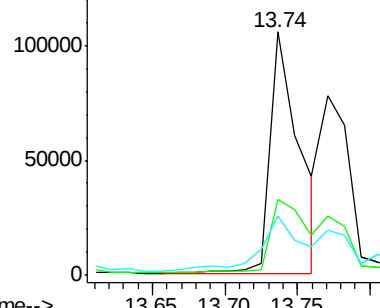
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 147604 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 31.1  | 22.5  | 33.7   |
| 229      | 24.6  | 16.6  | 25.0   |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 15.57 ng

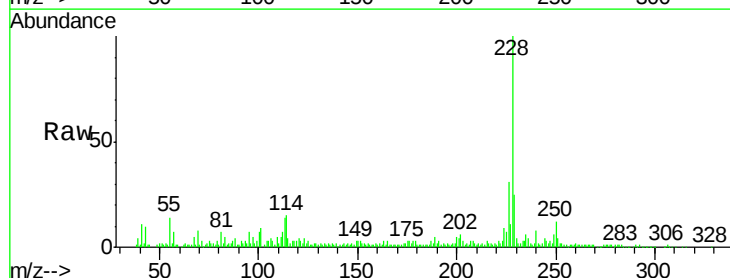
RT: 13.74 min Scan# 1063

Delta R.T. -0.12 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

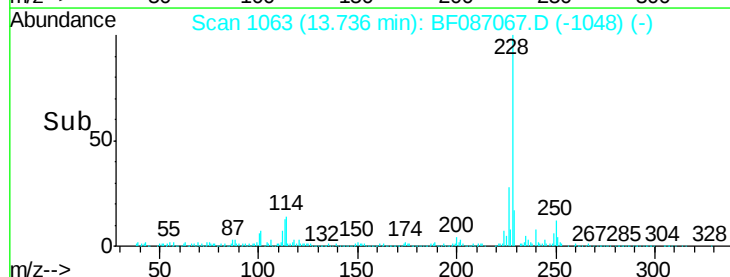
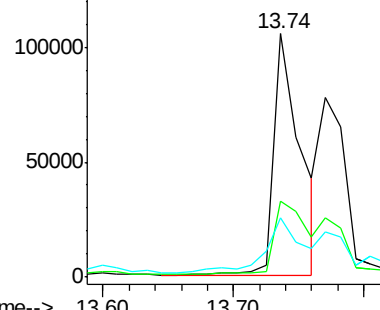
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 148082 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 31.1  | 24.4  | 36.6   |
| 229      | 24.6  | 15.8  | 23.8#  |

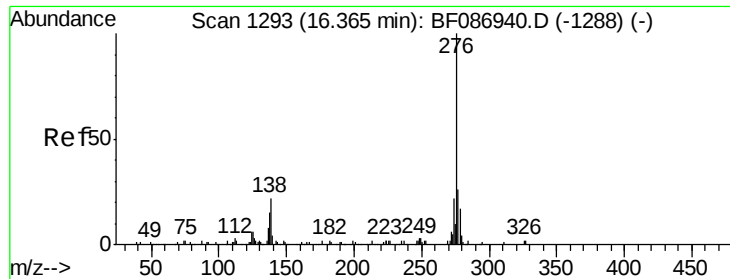


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.90 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.11 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

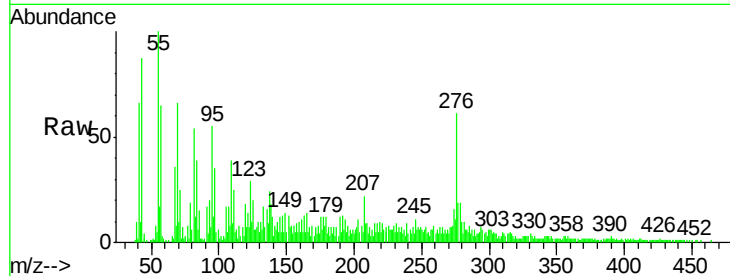
Tgt Ion:276 Resp: 54586

Ion Ratio Lower Upper

276 100

138 21.9 25.6 38.4#

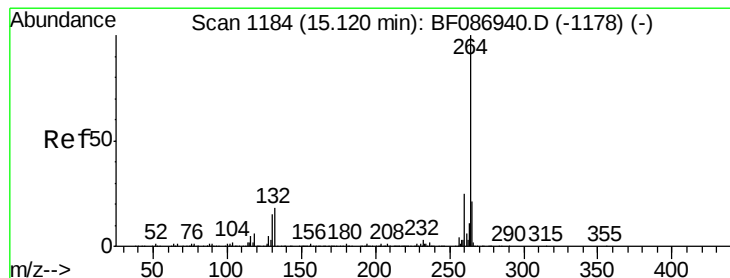
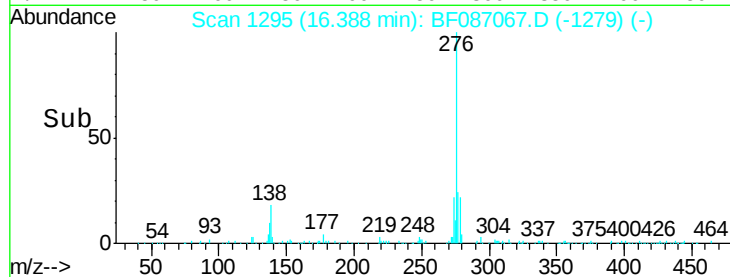
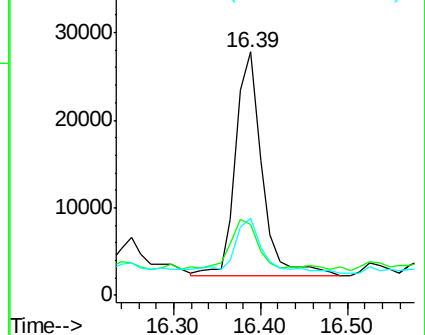
277 27.2 20.5 30.7



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: 15.12 min Scan# 1184

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

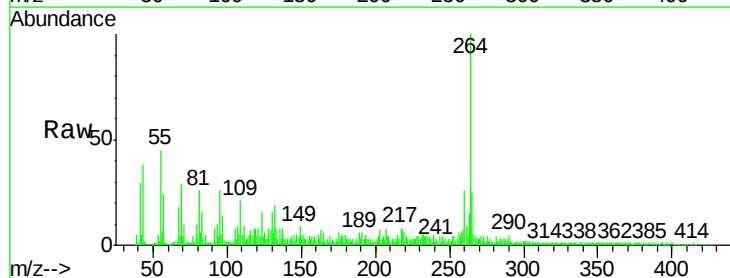
Tgt Ion:264 Resp: 154740

Ion Ratio Lower Upper

264 100

260 26.3 19.5 29.3

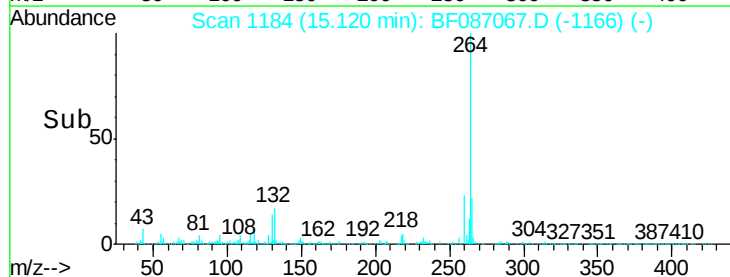
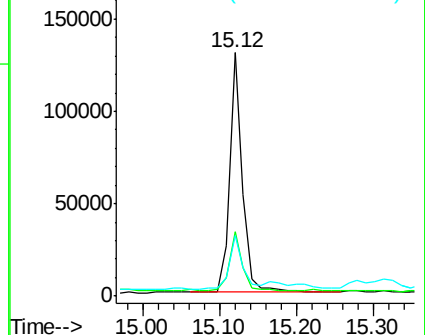
265 24.7 17.3 25.9

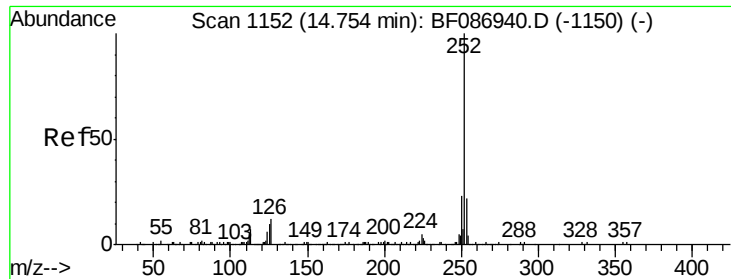


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 20.37 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.08 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

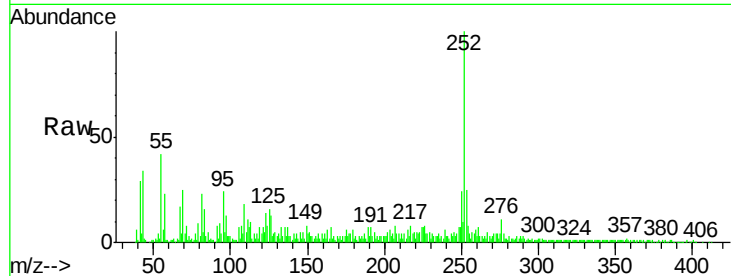
Instrument :

BNA\_F

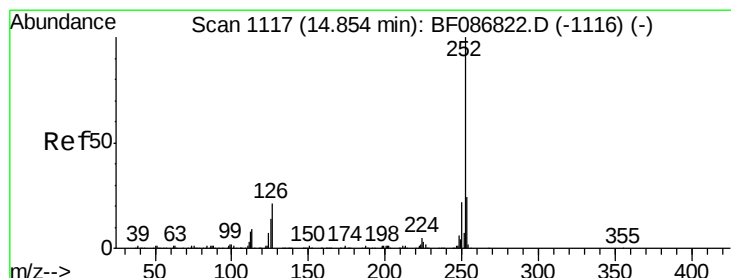
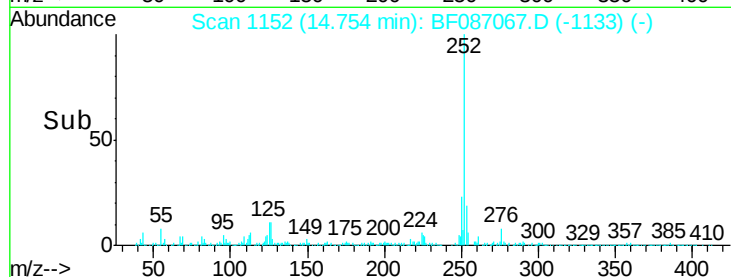
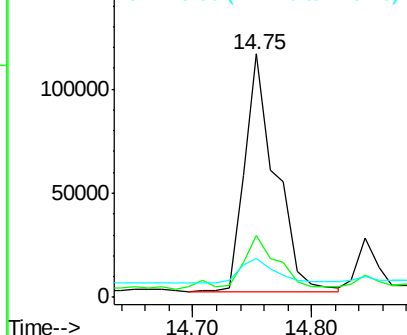
ClientSampleId :

TP42-4.5FT

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 204882 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 25.2  | 17.8  | 26.6   |
| 125       | 15.8  | 11.4  | 17.0   |



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



#88

Benzo(k)fluoranthene

Concen: 24.88 ng

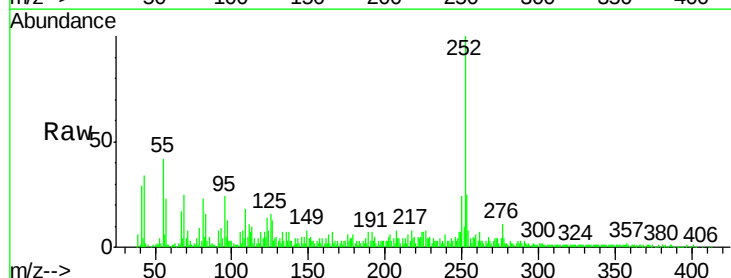
RT: 14.75 min Scan# 1152

Delta R.T. -0.10 min

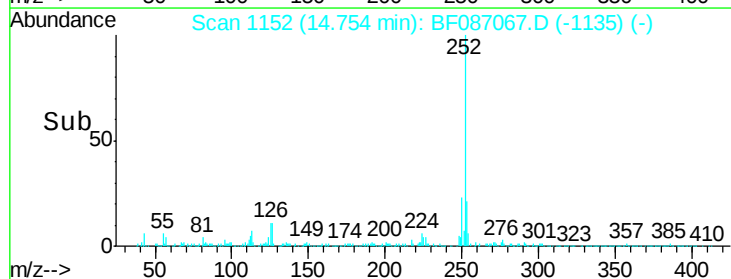
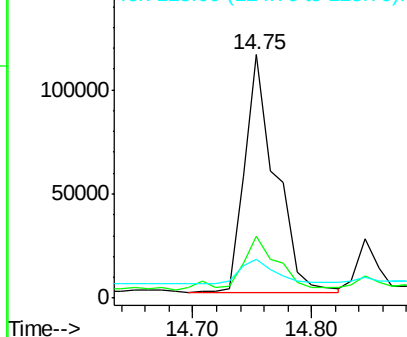
Lab File: BF087067.D

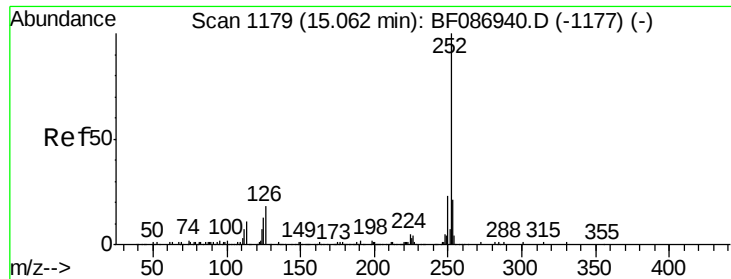
Acq: 15 May 2016 14:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 204882 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 25.2  | 17.8  | 26.6   |
| 125       | 15.8  | 9.1   | 13.7#  |



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





#89

Benzo(a)pyrene

Concen: 11.48 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.09 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT

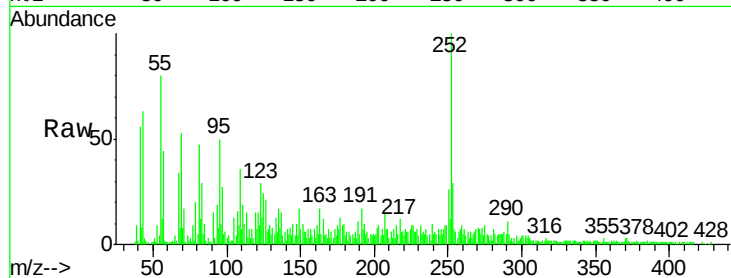
Tgt Ion: 252 Resp: 99543

Ion Ratio Lower Upper

252 100

253 29.0 17.2 25.8#

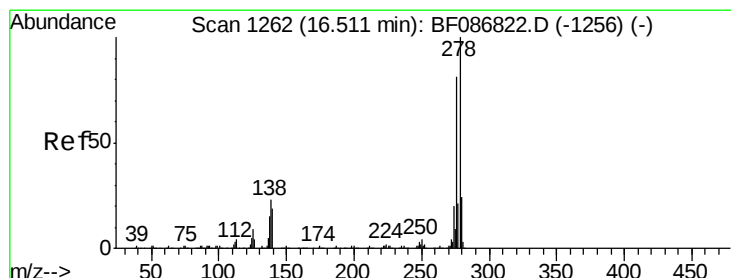
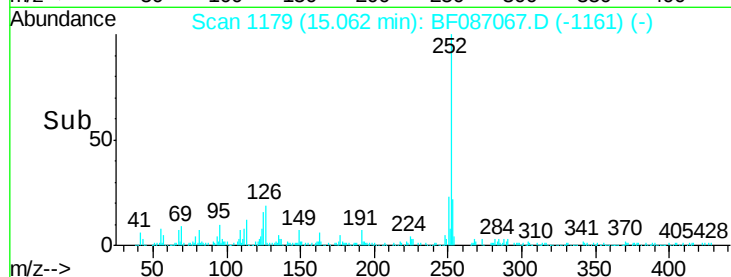
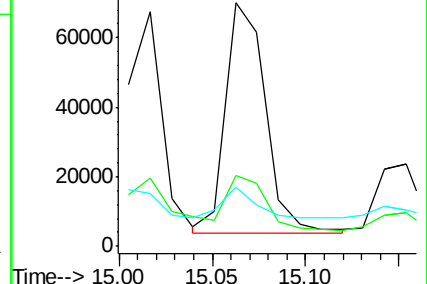
125 24.3 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.31 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.12 min

Lab File: BF087067.D

Acq: 15 May 2016 14:01

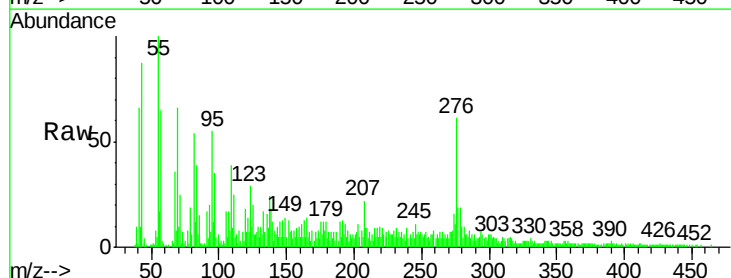
Tgt Ion: 278 Resp: 16864

Ion Ratio Lower Upper

278 100

139 60.5 16.6 24.8#

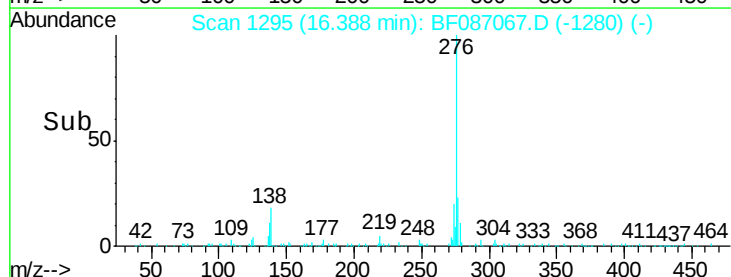
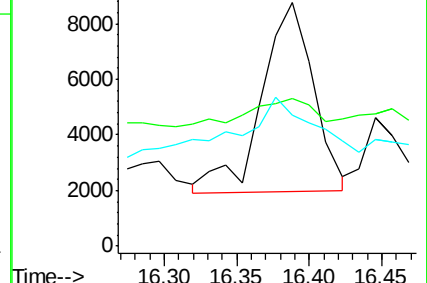
279 54.0 19.6 29.4#

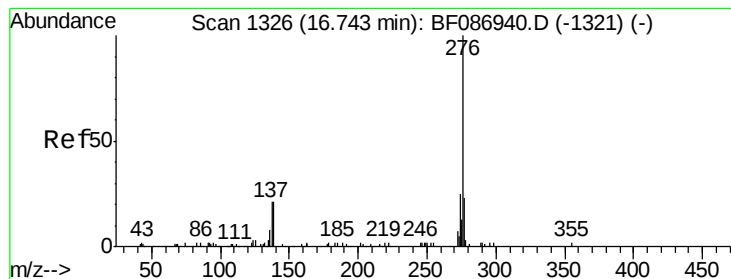


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 6.47 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.12 min

Lab File: BF087067.D

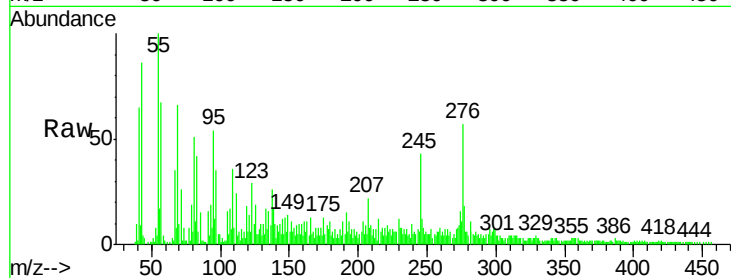
Acq: 15 May 2016 14:01

Instrument :

BNA\_F

ClientSampleId :

TP42-4.5FT



Tgt Ion: 276 Resp: 48096

Ion Ratio Lower Upper

276 100

277 32.1 19.6 29.4#

138 30.1 23.6 35.4

