

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080516\  
 Data File : BF089639.D  
 Acq On : 5 Aug 2016 19:59  
 Operator : UM/SJ  
 Sample : H4251-12 10X  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-Y

Quant Time: Aug 05 23:06:53 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 54317    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 9.47  | 136  | 222103   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.30 | 164  | 89785    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.69 | 188  | 134680   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 18.39 | 240  | 122456   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.05 | 264  | 98146    | 20.00 | ng    | 0.00     |

|                             |       |     |       |       |    |       |
|-----------------------------|-------|-----|-------|-------|----|-------|
| System Monitoring Compounds |       |     |       |       |    |       |
| 5) 2-Fluorophenol           | 5.34  | 112 | 33515 | 10.34 | ng | 0.02  |
| 7) Phenol-d6                | 6.99  | 99  | 47389 | 10.78 | ng | 0.01  |
| 23) Nitrobenzene-d5         | 8.35  | 82  | 29208 | 7.27  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 13.59 | 330 | 6140  | 8.29  | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 11.25 | 172 | 49768 | 7.20  | ng | -0.01 |
| 78) Terphenyl-d14           | 17.05 | 244 | 24787 | 4.00  | ng | 0.00  |

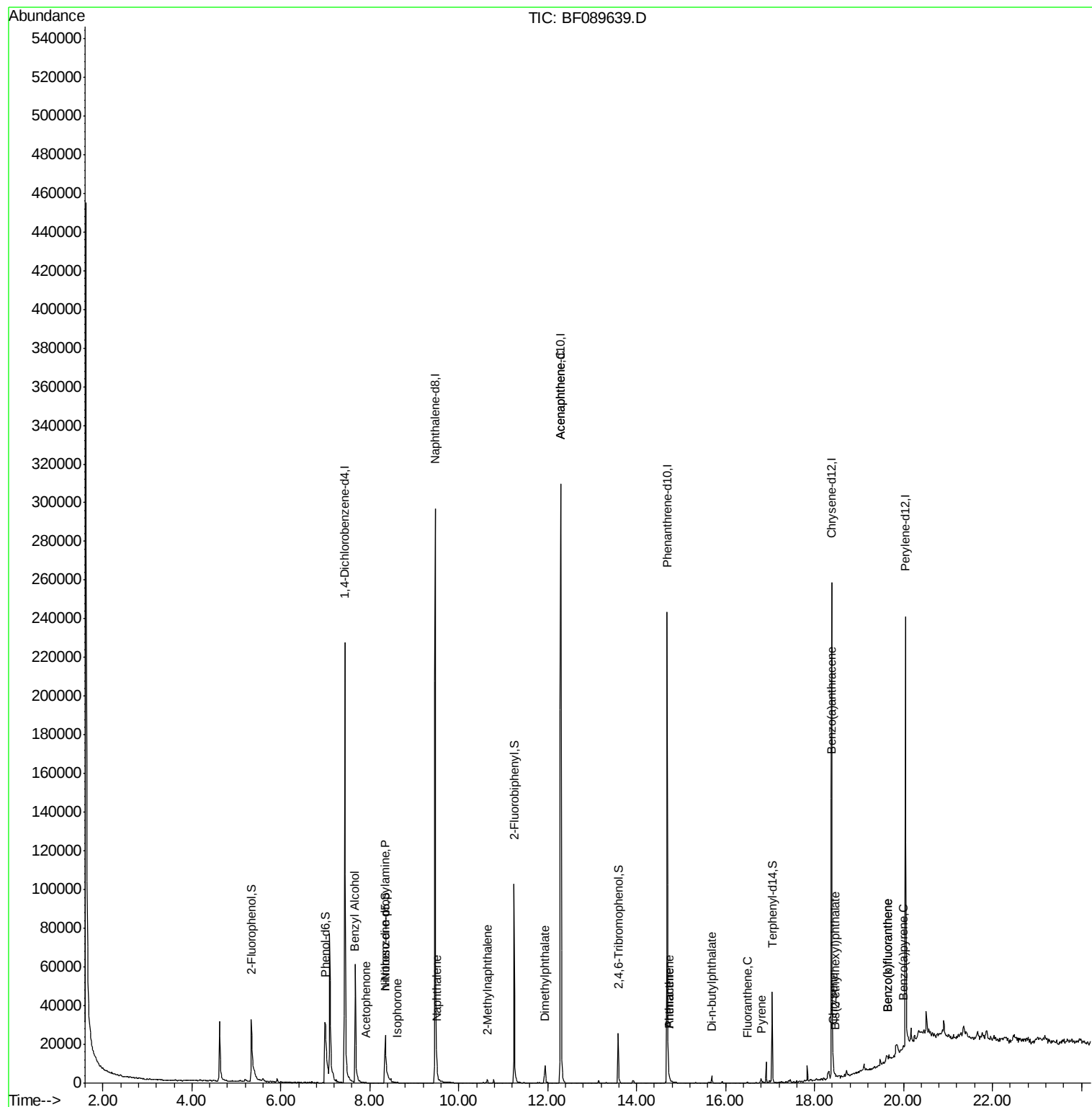
|                                |       |     |      |      |    |        |
|--------------------------------|-------|-----|------|------|----|--------|
| Target Compounds               |       |     |      |      |    | Qvalue |
| 15) Benzyl Alcohol             | 7.67  | 79  | 206  | 0.07 | ng | # 16   |
| 19) n-Nitroso-di-n-propylamine | 8.35  | 70  | 2692 | 0.85 | ng | # 82   |
| 22) Acetophenone               | 7.92  | 105 | 459  | 0.09 | ng | # 55   |
| 25) Isophorone                 | 8.62  | 82  | 647  | 0.08 | ng | # 68   |
| 31) Naphthalene                | 9.51  | 128 | 1461 | 0.12 | ng | # 68   |
| 37) 2-Methylnaphthalene        | 10.64 | 142 | 1104 | 0.15 | ng | 93     |
| 49) Dimethylphthalate          | 11.94 | 163 | 7178 | 1.02 | ng | # 96   |
| 51) Acenaphthene               | 12.30 | 154 | 226  | 0.04 | ng | # 4    |
| 70) Phenanthrene               | 14.73 | 178 | 269  | 0.04 | ng | # 60   |
| 71) Anthracene                 | 14.73 | 178 | 269  | 0.03 | ng | # 60   |
| 73) Di-n-butylphthalate        | 15.69 | 149 | 274  | 0.03 | ng | # 79   |
| 74) Fluoranthene               | 16.49 | 202 | 624  | 0.08 | ng | 63     |
| 77) Pyrene                     | 16.80 | 202 | 646  | 0.06 | ng | # 57   |
| 80) Benzo(a)anthracene         | 18.38 | 228 | 588  | 0.08 | ng | # 51   |
| 82) Chrysene                   | 18.42 | 228 | 317  | 0.04 | ng | # 49   |
| 83) Bis(2-ethylhexyl)phthalate | 18.47 | 149 | 224  | 0.04 | ng | # 55   |
| 87) Benzo(b)fluoranthene       | 19.65 | 252 | 795  | 0.13 | ng | # 61   |
| 88) Benzo(k)fluoranthene       | 19.65 | 252 | 795  | 0.13 | ng | # 59   |
| 89) Benzo(a)pyrene             | 20.00 | 252 | 283  | 0.05 | ng | # 8    |

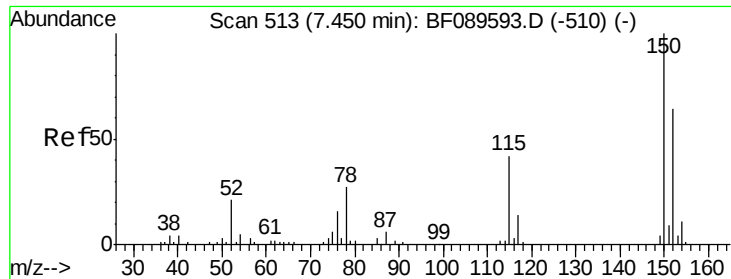
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080516\  
Data File : BF089639.D  
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Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

Quant Time: Aug 05 23:06:53 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 05 01:39:23 2016  
Response via : Initial Calibration



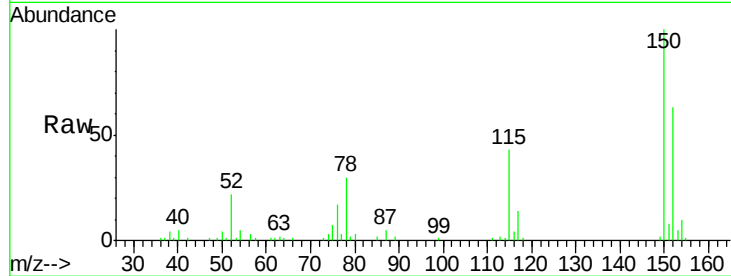


#1

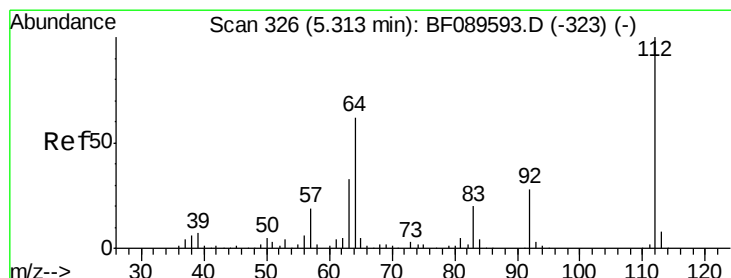
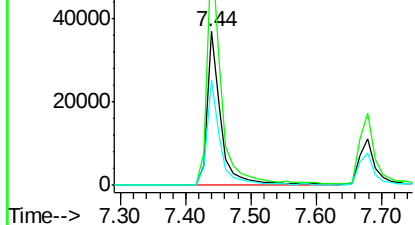
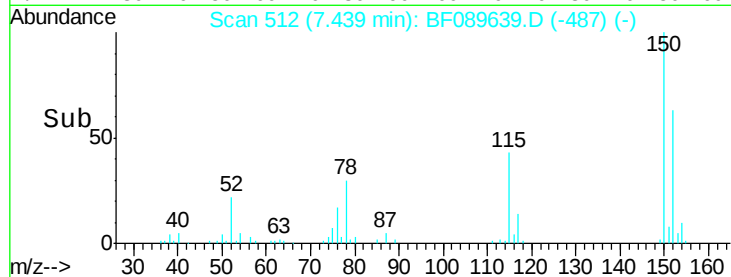
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.44 min Scan# 512  
Delta R.T. -0.01 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

Tgt Ion:152 Resp: 54317  
Ion Ratio Lower Upper  
152 100  
150 158.1 125.5 188.3  
115 68.2 52.0 78.0



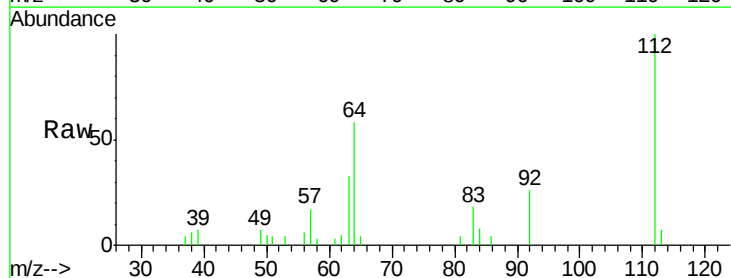
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



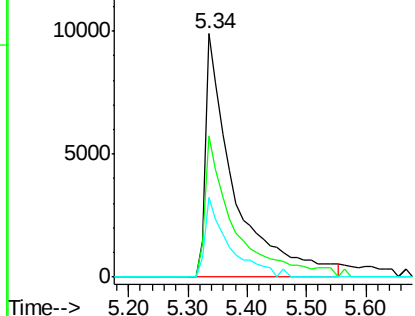
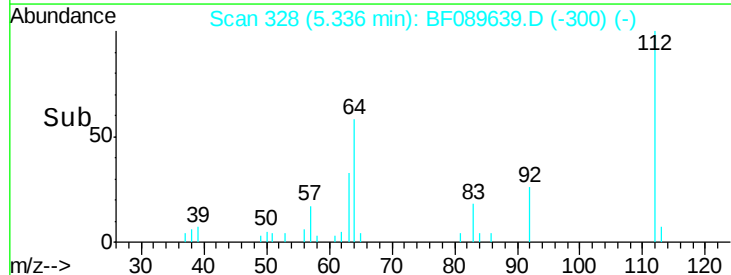
#5

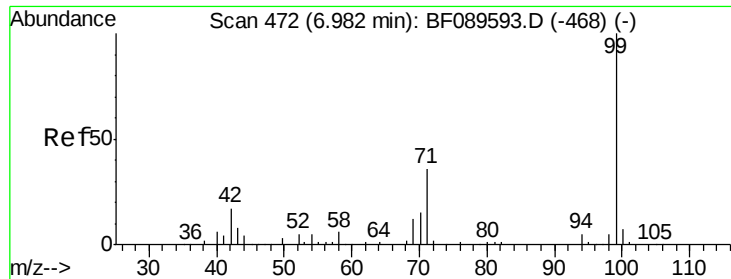
2-Fluorophenol  
Concen: 10.34 ng  
RT: 5.34 min Scan# 328  
Delta R.T. 0.02 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Tgt Ion:112 Resp: 33515  
Ion Ratio Lower Upper  
112 100  
64 58.3 49.9 74.9  
63 32.7 26.1 39.1



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: 10.78 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

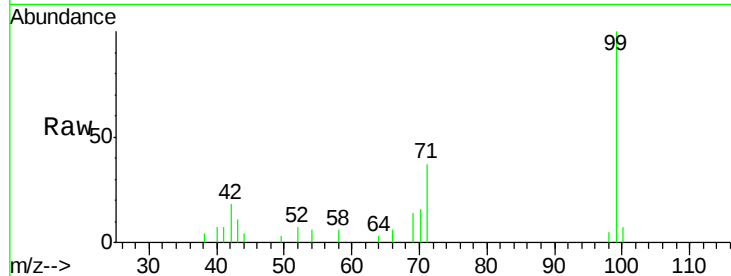
Tgt Ion: 99 Resp: 47389

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

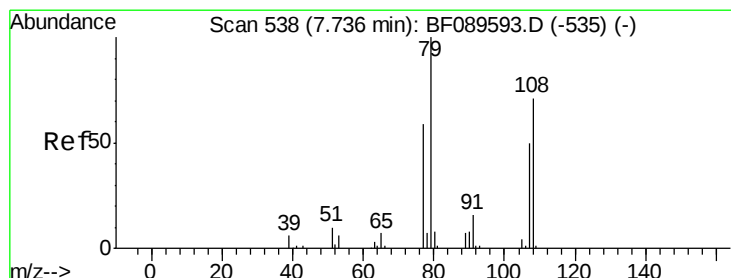
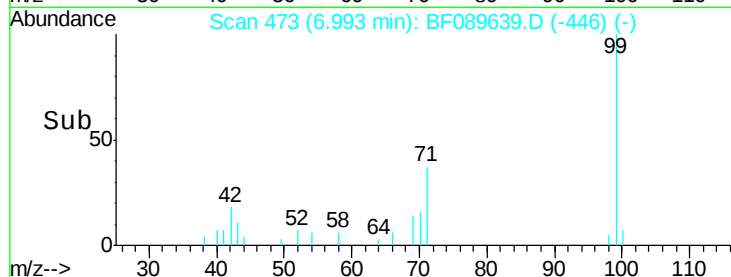
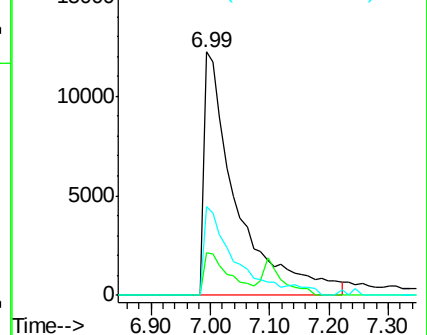
71 36.6 29.0 43.4



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



#15

Benzyl Alcohol

Concen: 0.07 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.07 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

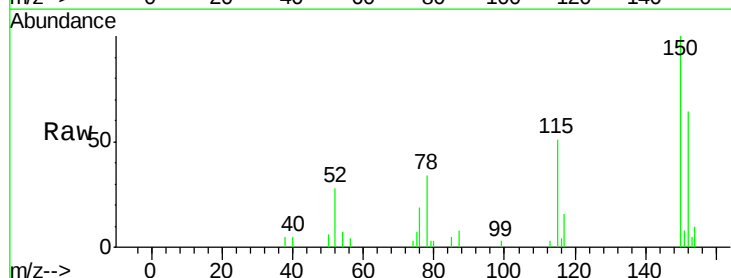
Tgt Ion: 79 Resp: 206

Ion Ratio Lower Upper

79 100

108 0.0 58.3 87.5#

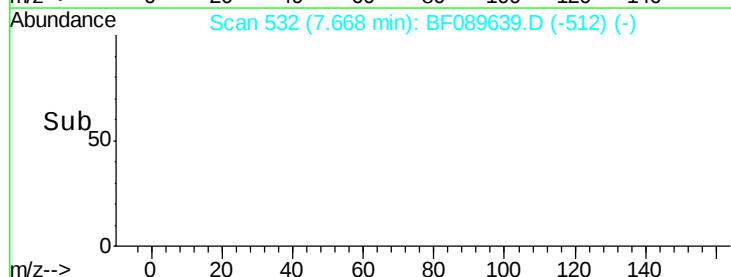
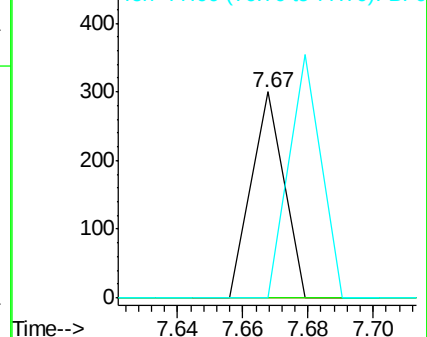
77 0.0 48.7 73.1#

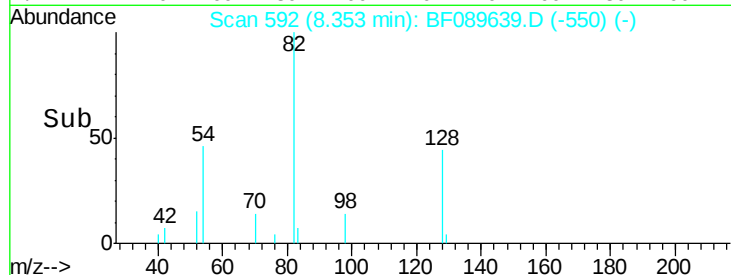
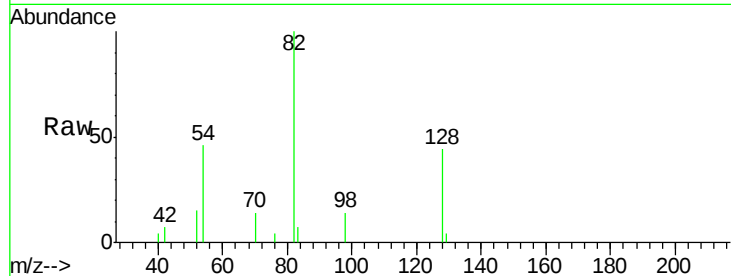
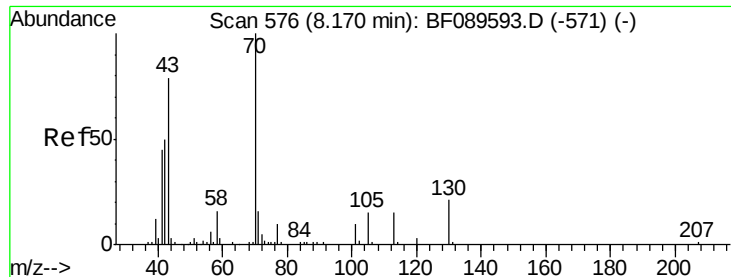


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

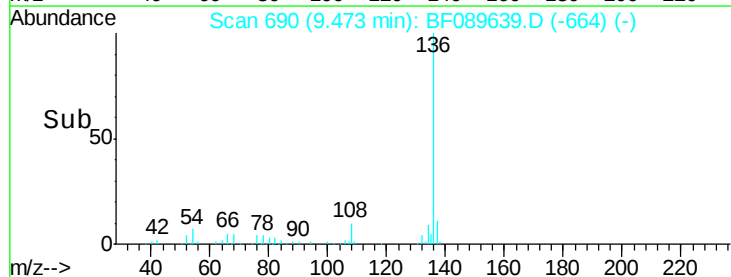
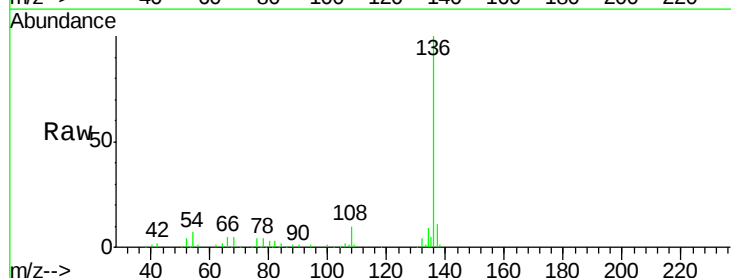
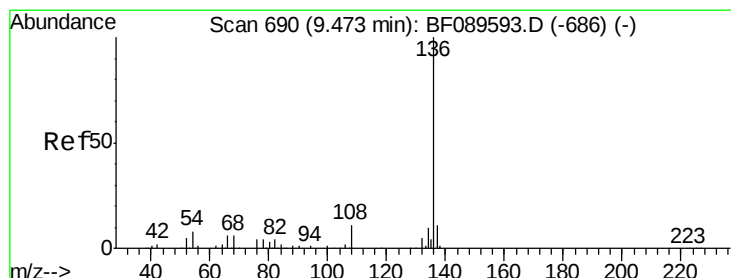
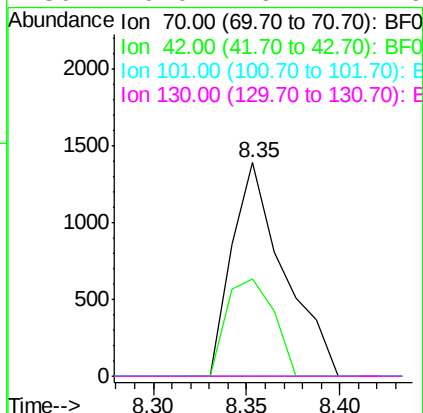




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.85 ng  
RT: 8.35 min Scan# 592  
Delta R.T. 0.18 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

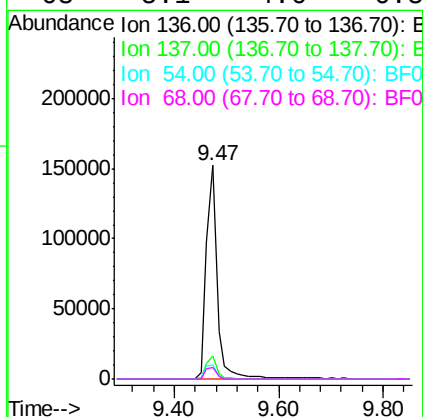
Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

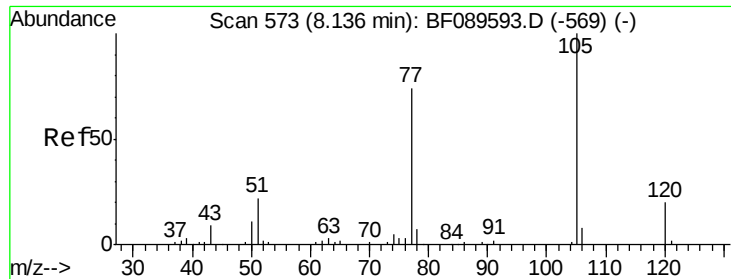
Tgt Ion: 70 Resp: 2692  
Ion Ratio Lower Upper  
70 100  
42 45.8 40.2 60.2  
101 0.0 7.8 11.6#  
130 0.0 16.4 24.6#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.47 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Tgt Ion: 136 Resp: 222103  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 6.7 6.0 9.0  
68 5.1 4.6 6.8

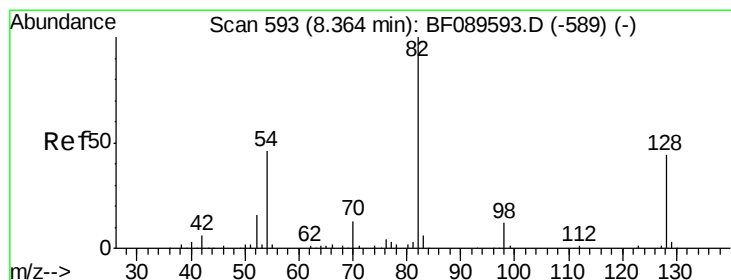
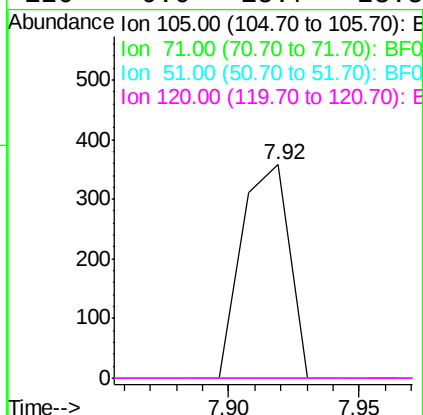
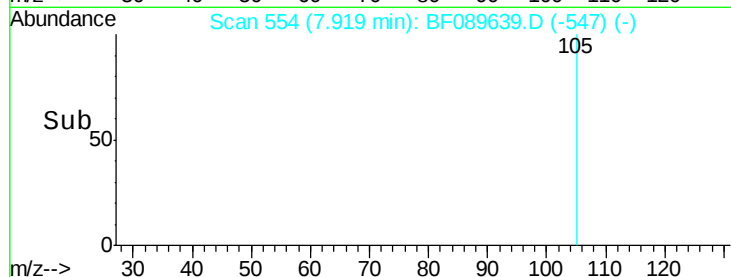
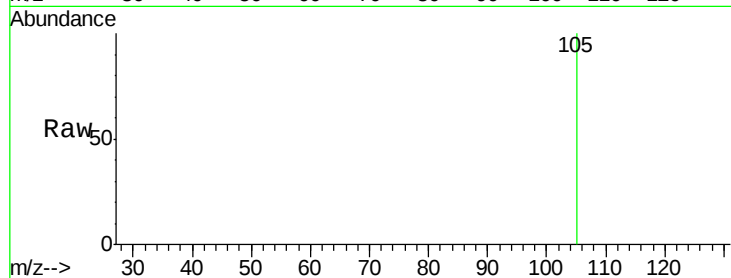




#22  
Acetophenone  
Concen: 0.09 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.22 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

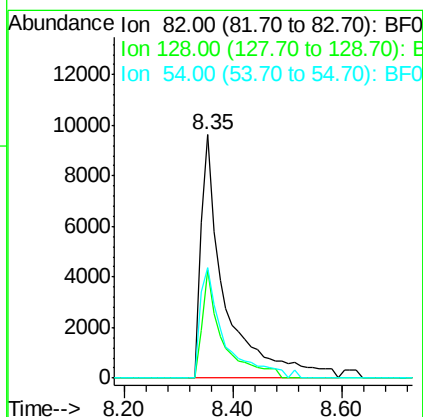
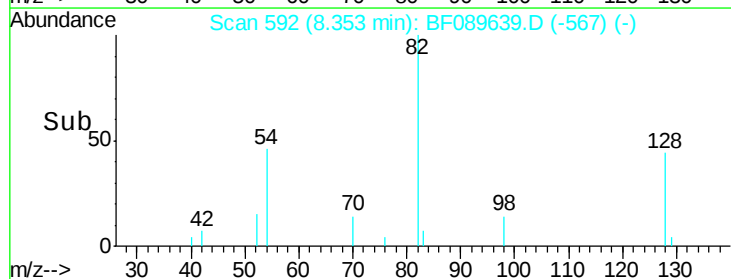
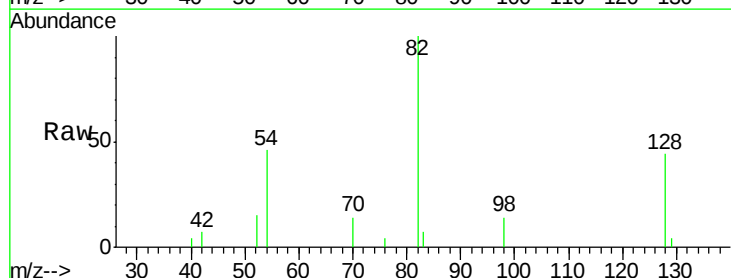
Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

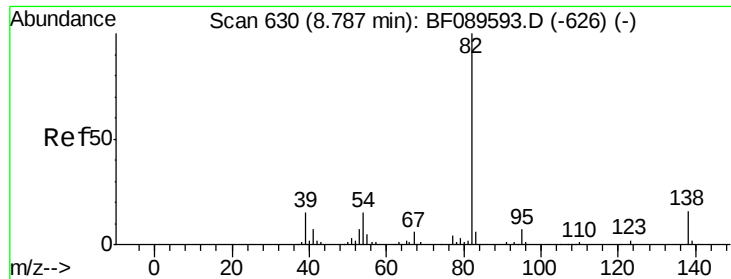
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 459   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.0   | 0.0   |
| 51       | 0.0   | 18.2  | 27.2# |
| 120      | 0.0   | 15.7  | 23.5# |



#23  
Nitrobenzene-d5  
Concen: 7.27 ng  
RT: 8.35 min Scan# 592  
Delta R.T. -0.01 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 29208 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.5  | 35.4  | 53.0  |
| 54       | 45.6  | 36.4  | 54.6  |





#25

Isophorone

Concen: 0.08 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.17 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

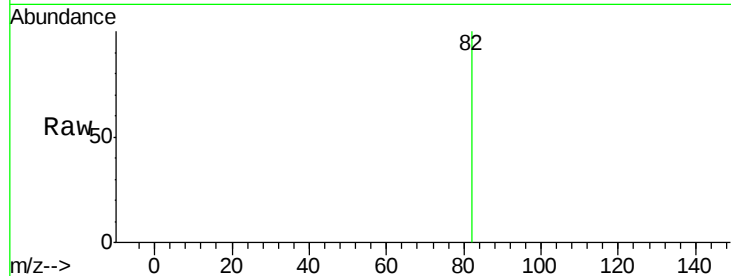
Tgt Ion: 82 Resp: 647

Ion Ratio Lower Upper

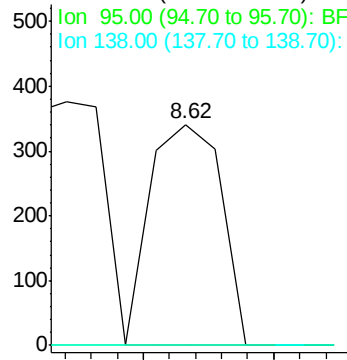
82 100

95 0.0 5.8 8.8#

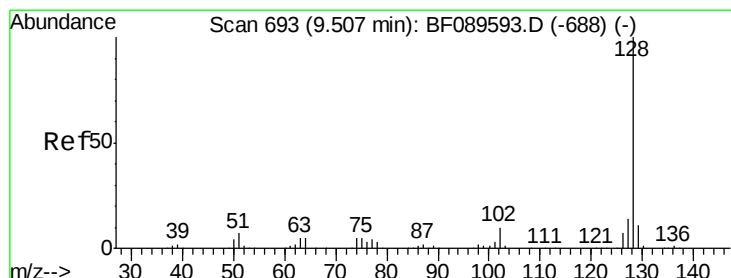
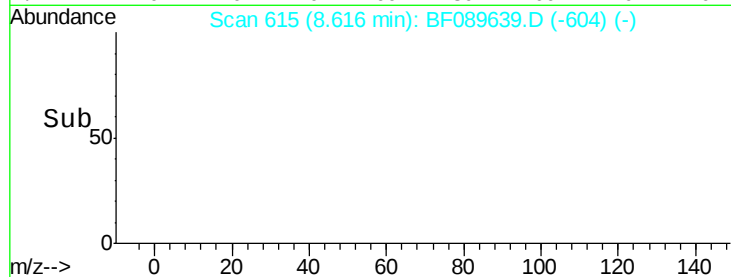
138 0.0 12.6 18.8#



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



Time-->



#31

Naphthalene

Concen: 0.12 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

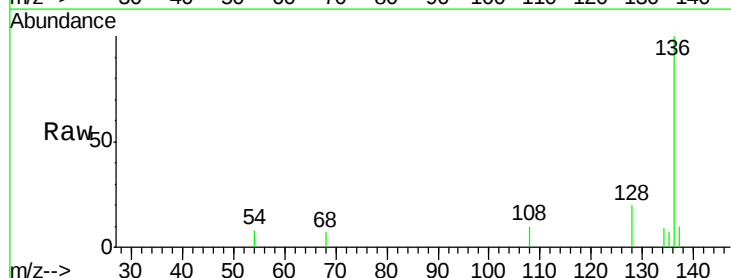
Tgt Ion: 128 Resp: 1461

Ion Ratio Lower Upper

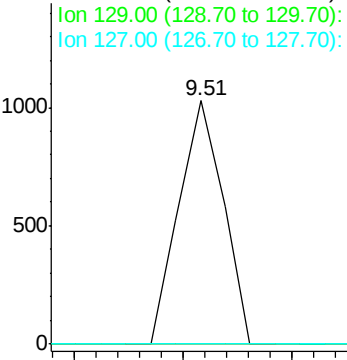
128 100

129 0.0 8.7 13.1#

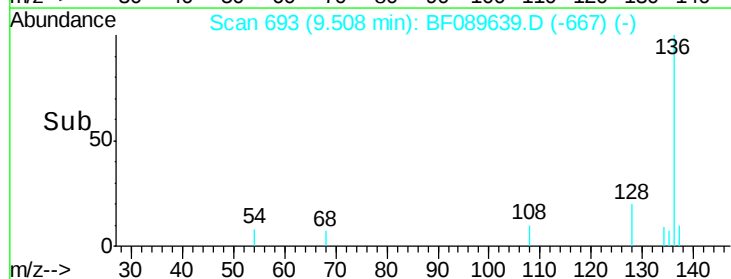
127 0.0 10.9 16.3#

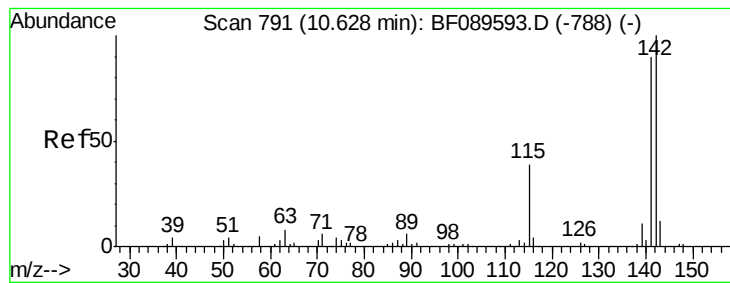


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 0.15 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleID :

DUP-Y

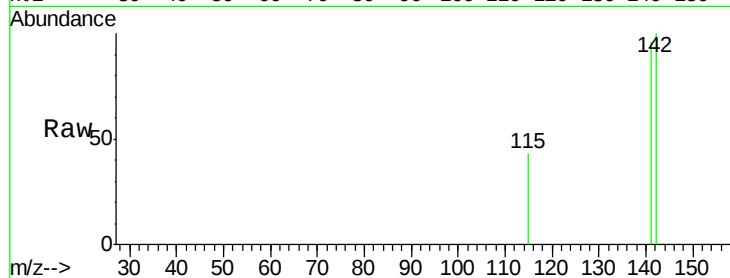
Tgt Ion:142 Resp: 1104

Ion Ratio Lower Upper

142 100

141 96.0 71.8 107.6

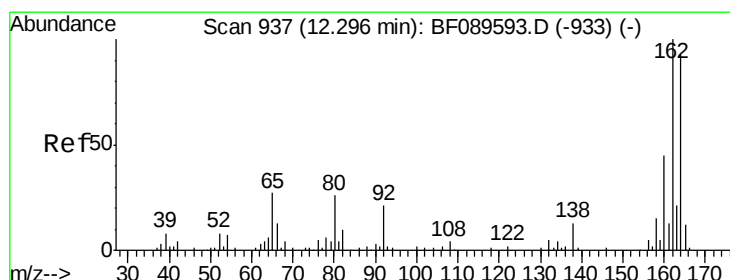
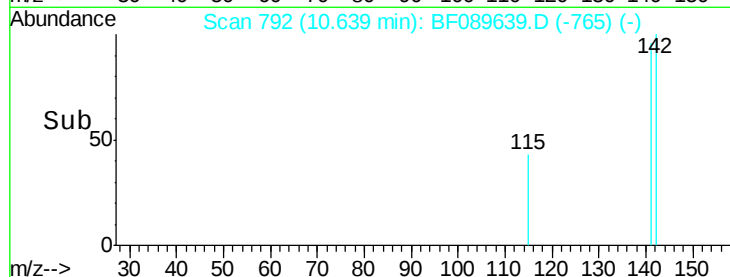
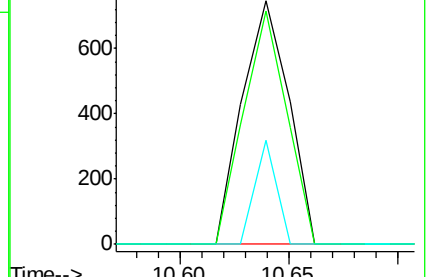
115 42.8 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

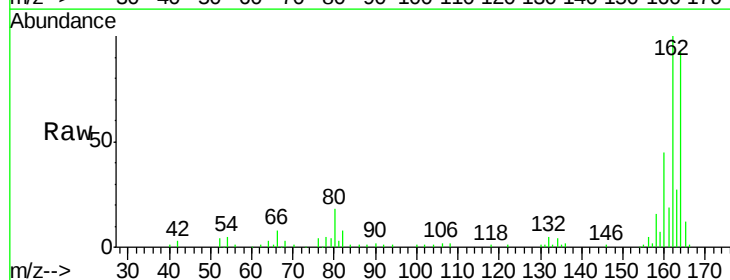
Tgt Ion:164 Resp: 89785

Ion Ratio Lower Upper

164 100

162 107.5 85.7 128.5

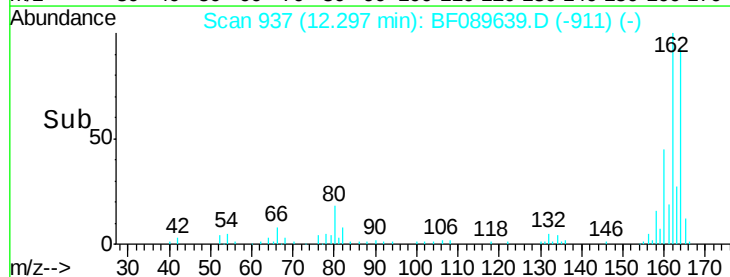
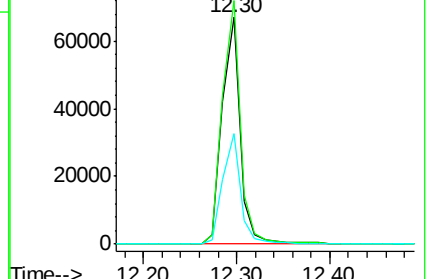
160 48.7 38.2 57.4

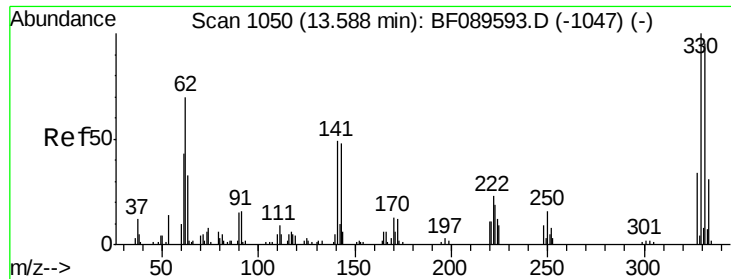


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

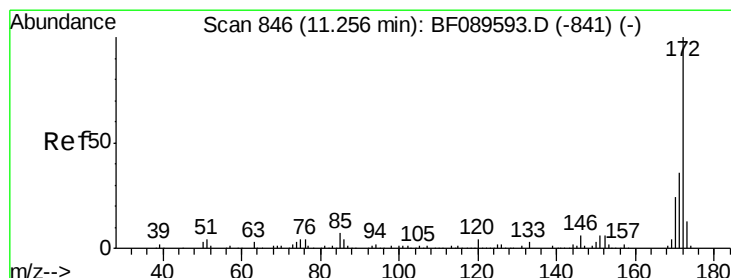
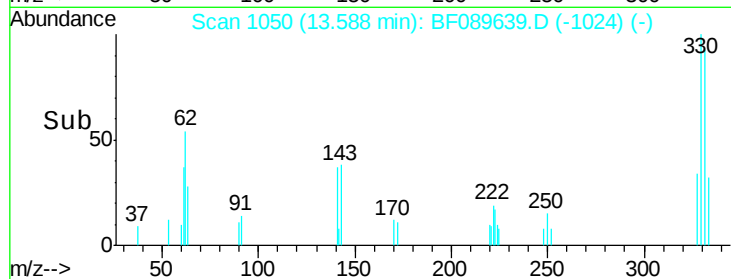
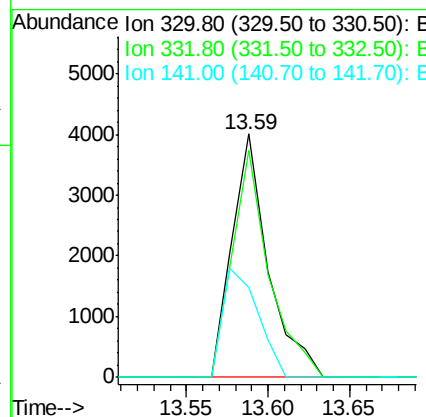
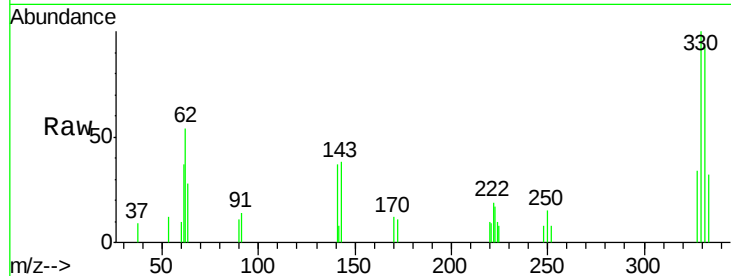




#41  
 2,4,6-Tribromophenol  
 Concen: 8.29 ng  
 RT: 13.59 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

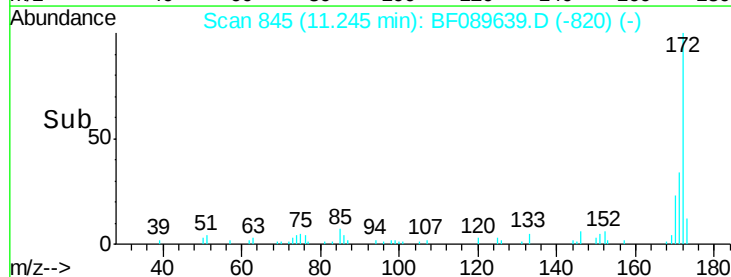
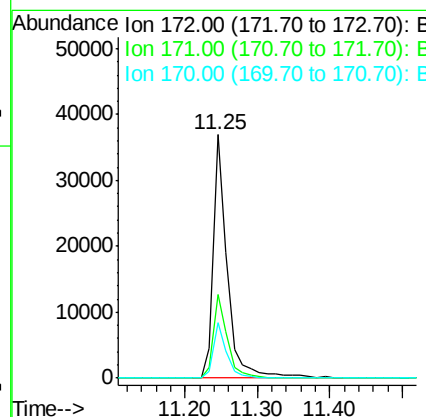
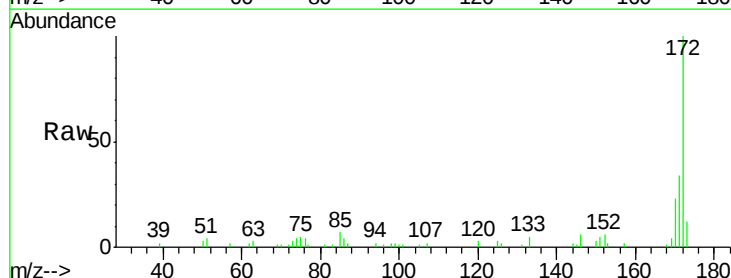
Instrument :  
 BNA\_F  
 ClientSampled :  
 DUP-Y

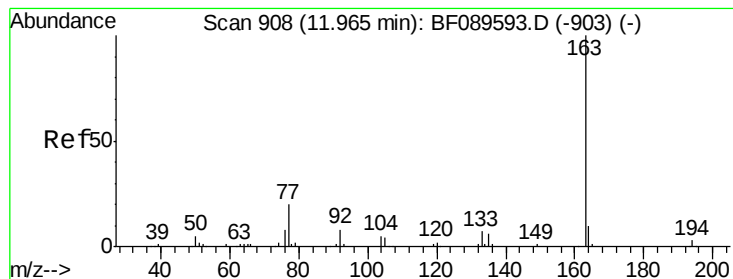
Tgt Ion: 330 Resp: 6140  
 Ion Ratio Lower Upper  
 330 100  
 332 94.0 77.0 115.6  
 141 43.6 38.6 57.8



#44  
 2-Fluorobiphenyl  
 Concen: 7.20 ng  
 RT: 11.25 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

Tgt Ion: 172 Resp: 49768  
 Ion Ratio Lower Upper  
 172 100  
 171 34.4 28.9 43.3  
 170 23.0 19.0 28.6





#49

Dimethylphthalate

Concen: 1.02 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

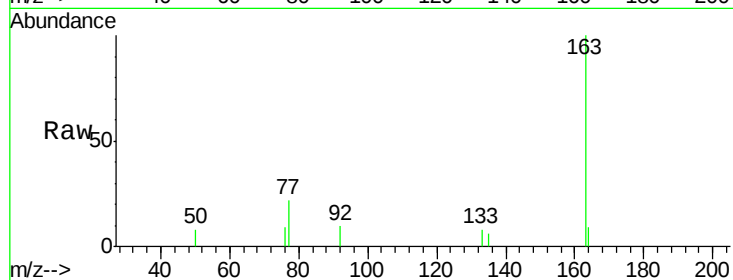
Tgt Ion:163 Resp: 7178

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

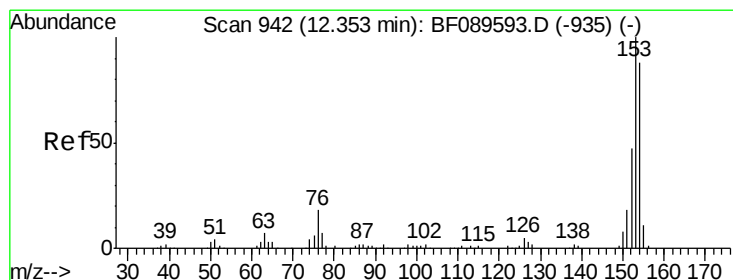
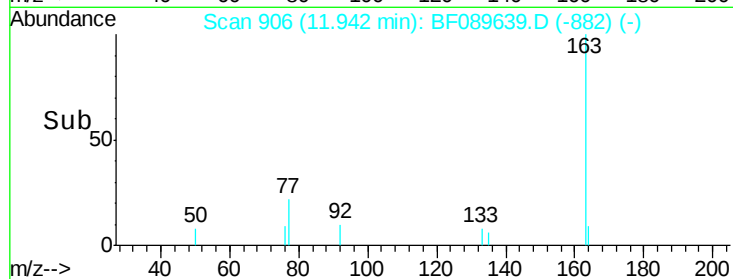
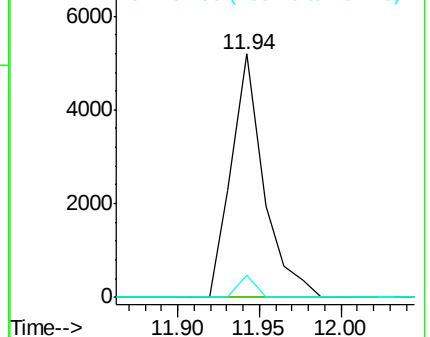
164 9.0 7.8 11.6



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



#51

Acenaphthene

Concen: 0.04 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.06 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

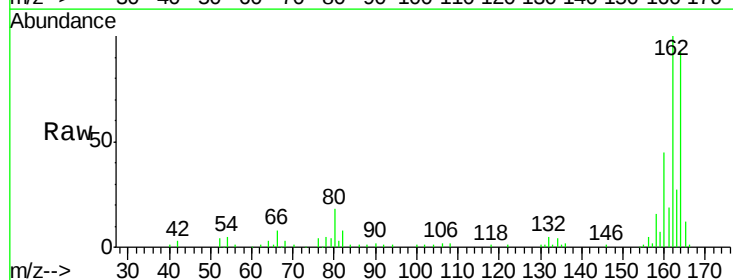
Tgt Ion:154 Resp: 226

Ion Ratio Lower Upper

154 100

153 0.0 91.1 136.7#

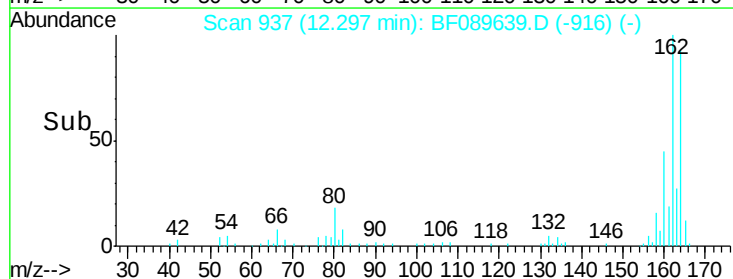
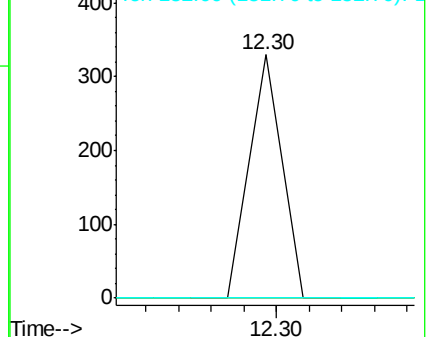
152 0.0 43.5 65.3#

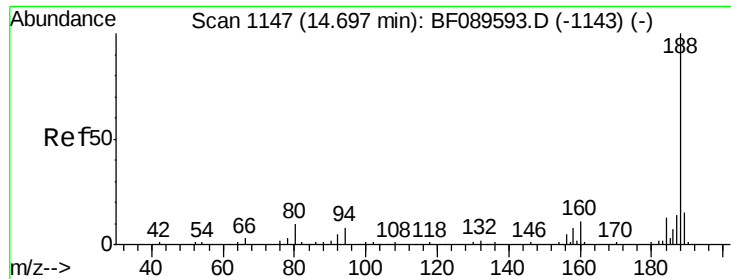


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

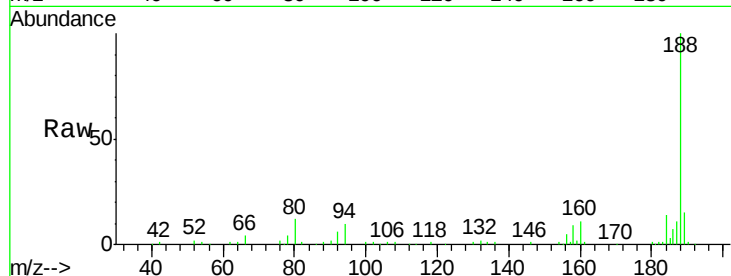




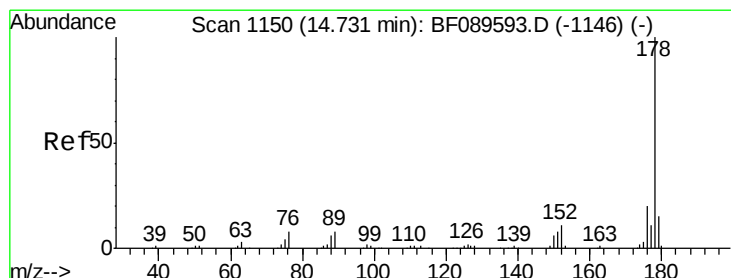
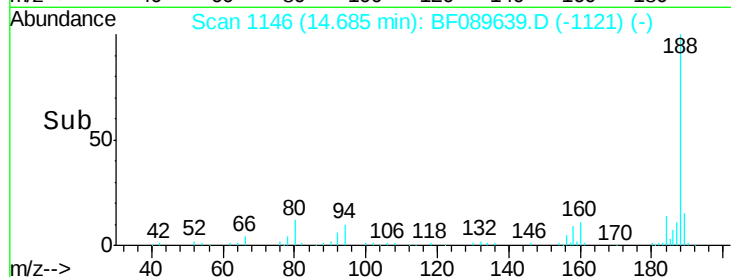
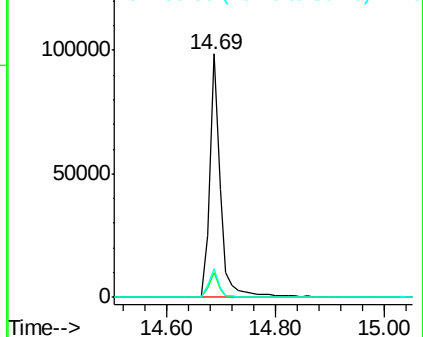
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.69 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

Tgt Ion:188 Resp: 134680  
Ion Ratio Lower Upper  
188 100  
94 10.0 6.5 9.7#  
80 11.5 8.0 12.0

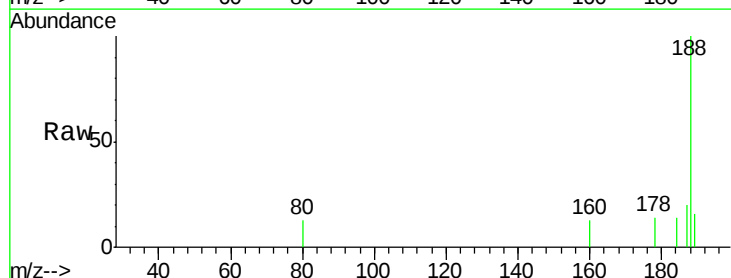


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

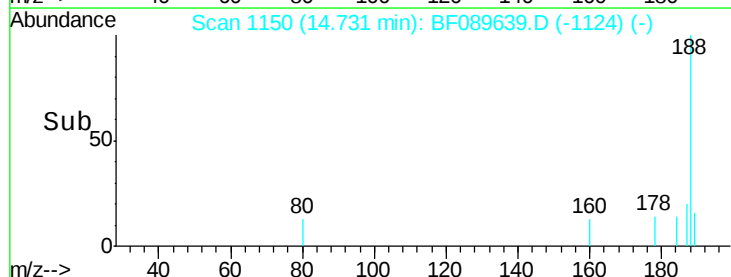
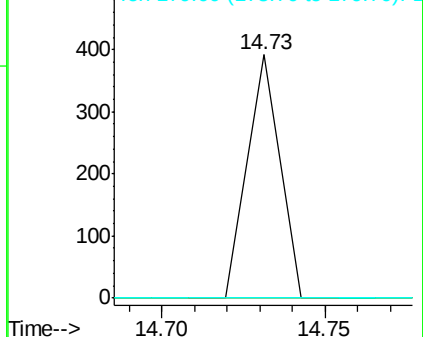


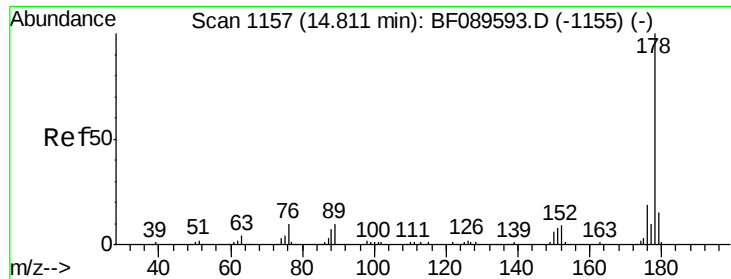
#70  
Phenanthrene  
Concen: 0.04 ng  
RT: 14.73 min Scan# 1150  
Delta R.T. 0.00 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Tgt Ion:178 Resp: 269  
Ion Ratio Lower Upper  
178 100  
176 0.0 15.7 23.5#  
179 0.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

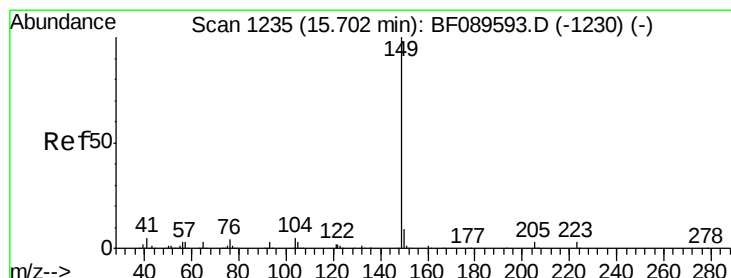
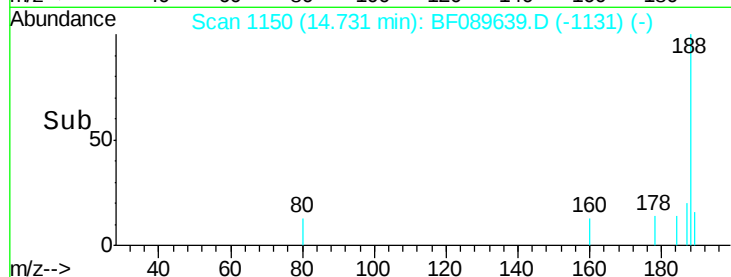
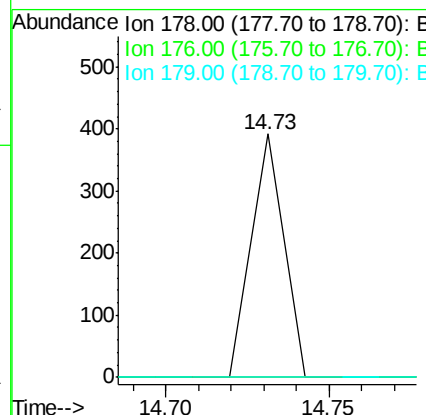
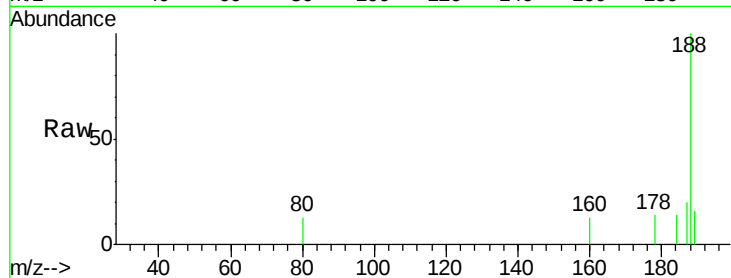




#71  
 Anthracene  
 Concen: 0.03 ng  
 RT: 14.73 min Scan# 1150  
 Delta R.T. -0.08 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

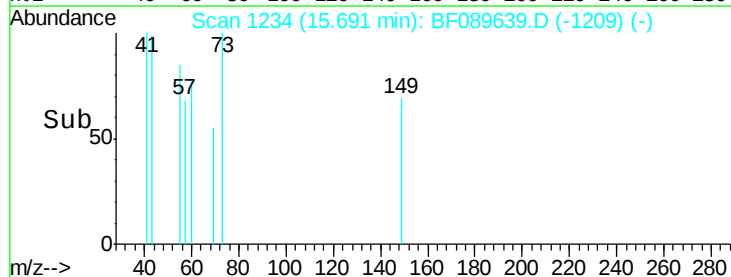
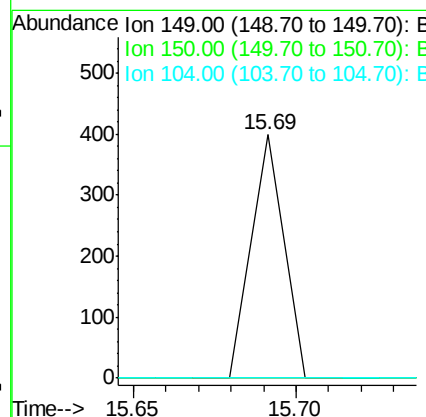
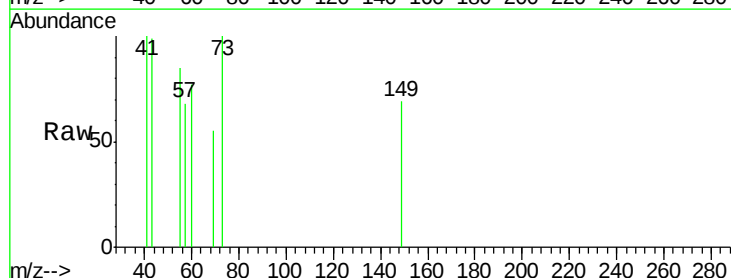
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-Y

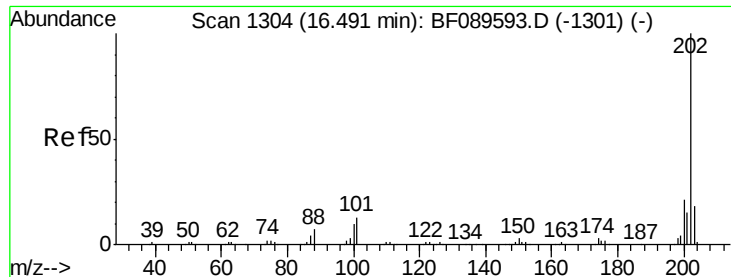
Tgt Ion:178 Resp: 269  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 15.0 22.4#  
 179 0.0 12.4 18.6#



#73  
 Di-n-butylphthalate  
 Concen: 0.03 ng  
 RT: 15.69 min Scan# 1234  
 Delta R.T. -0.01 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

Tgt Ion:149 Resp: 274  
 Ion Ratio Lower Upper  
 149 100  
 150 0.0 7.2 10.8#  
 104 0.0 3.8 5.8#

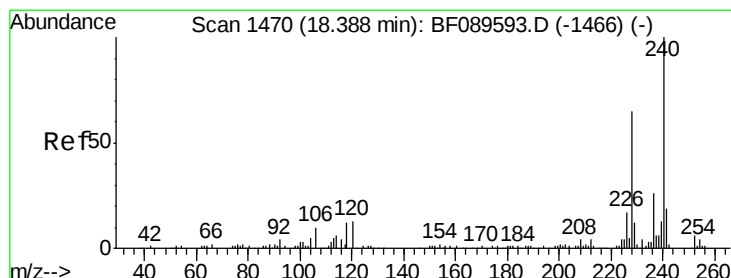
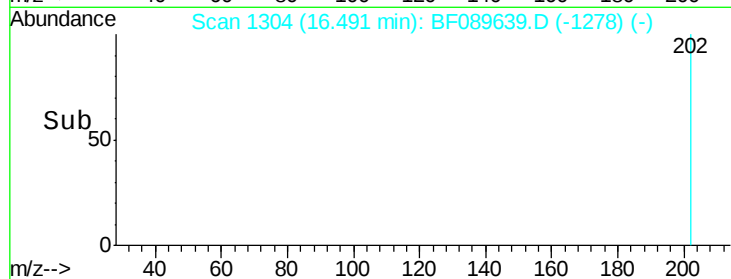
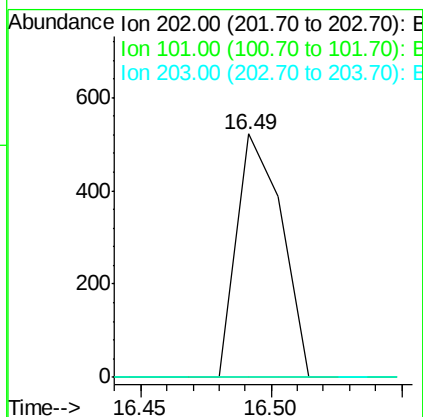
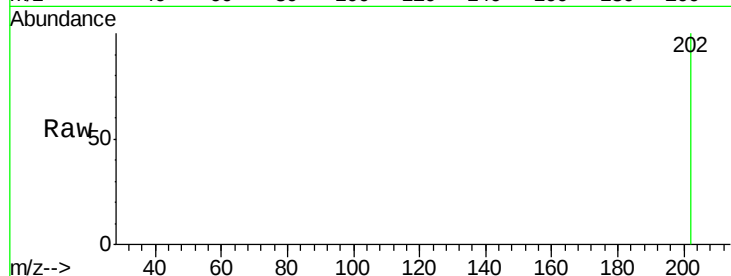




#74  
 Fluoranthene  
 Concen: 0.08 ng  
 RT: 16.49 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

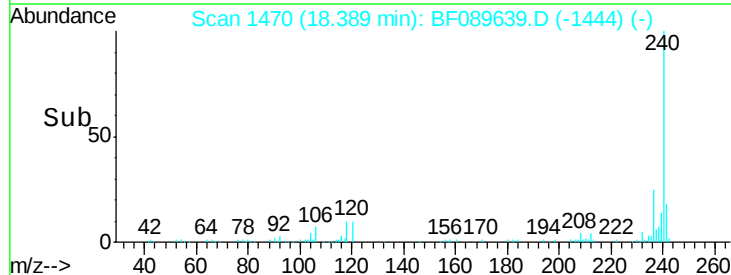
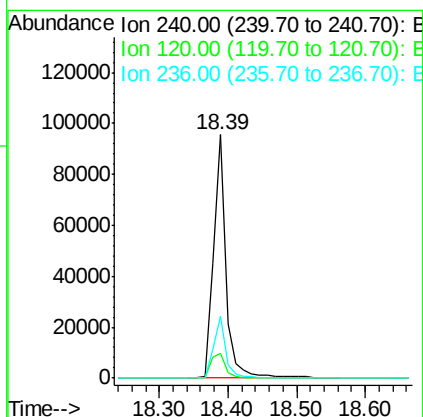
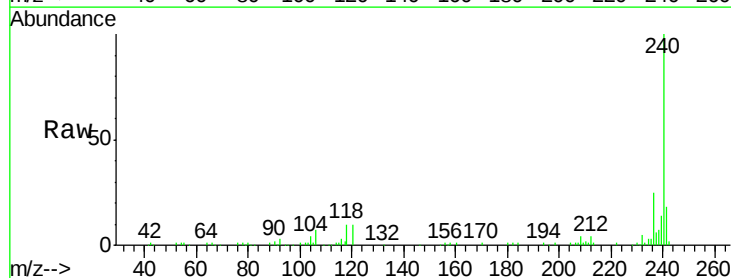
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-Y

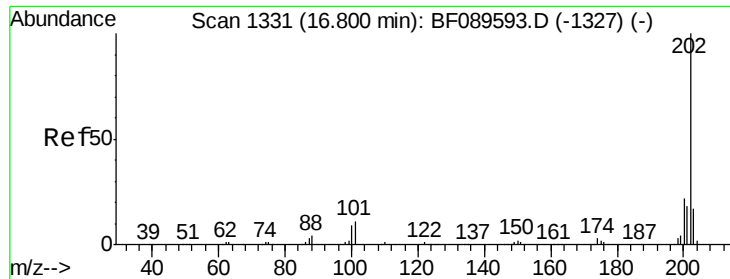
Tgt Ion: 202 Resp: 624  
 Ion Ratio Lower Upper  
 202 100  
 101 0.0 0.0 32.7  
 203 0.0 0.0 37.8



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.39 min Scan# 1470  
 Delta R.T. 0.00 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

Tgt Ion: 240 Resp: 122456  
 Ion Ratio Lower Upper  
 240 100  
 120 10.1 10.6 15.8#  
 236 25.2 20.6 30.8

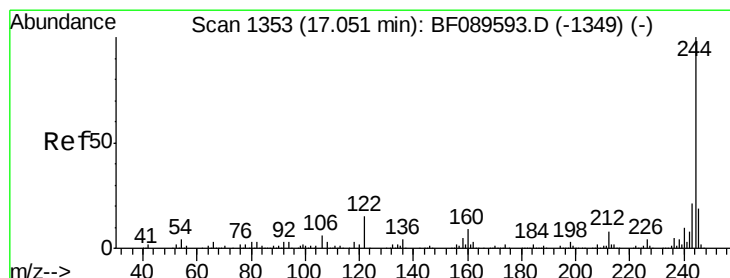
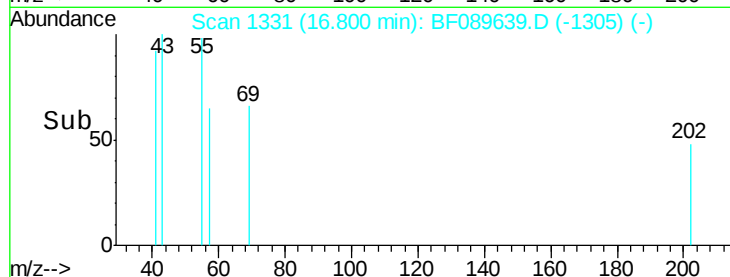
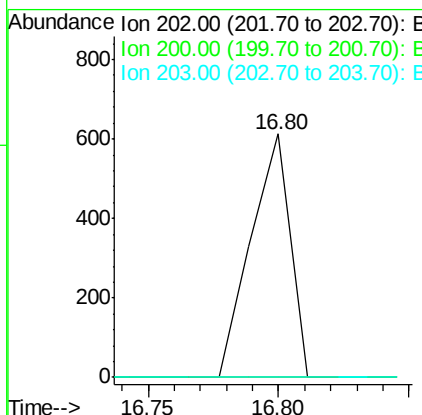
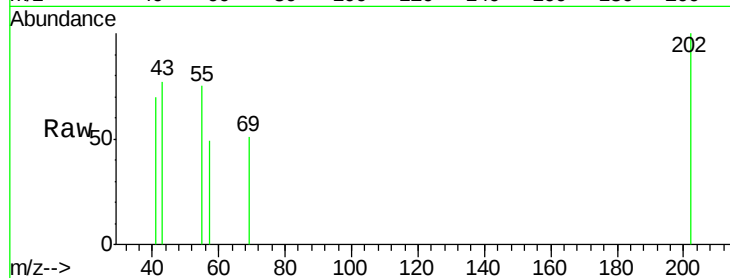




#77  
 Pyrene  
 Concen: 0.06 ng  
 RT: 16.80 min Scan# 1331  
 Delta R.T. 0.00 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

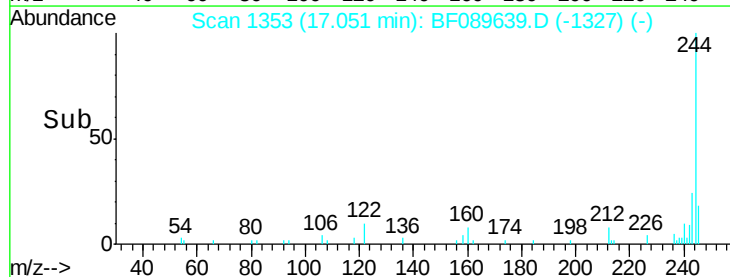
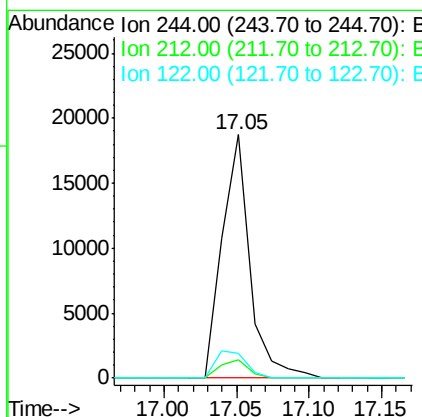
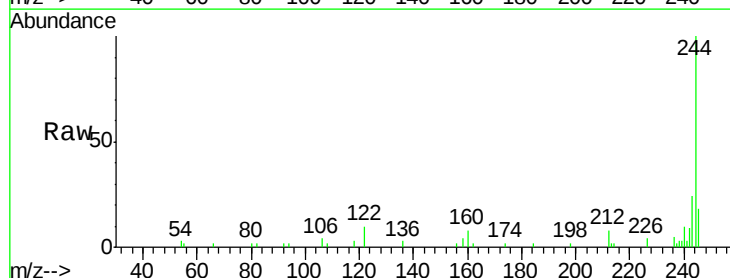
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-Y

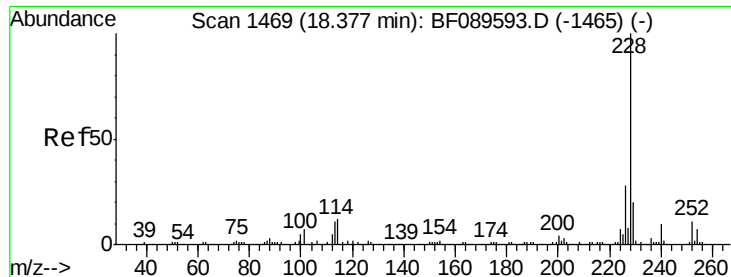
Tgt Ion: 202 Resp: 646  
 Ion Ratio Lower Upper  
 202 100  
 200 0.0 17.4 26.0#  
 203 0.0 13.6 20.4#



#78  
 Terphenyl-d14  
 Concen: 4.00 ng  
 RT: 17.05 min Scan# 1353  
 Delta R.T. 0.00 min  
 Lab File: BF089639.D  
 Acq: 5 Aug 2016 19:59

Tgt Ion: 244 Resp: 24787  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.4 9.6  
 122 10.3 12.2 18.2#





#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 18.38 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

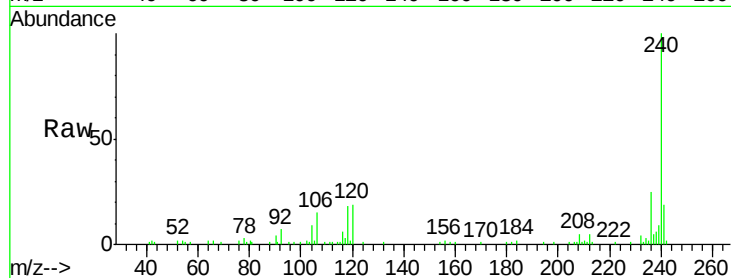
Tgt Ion: 228 Resp: 588

Ion Ratio Lower Upper

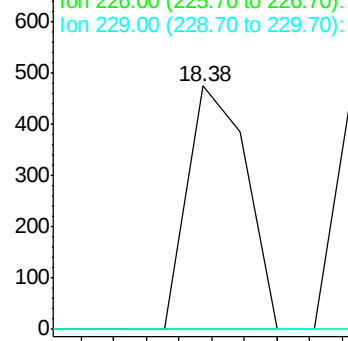
228 100

226 0.0 22.3 33.5#

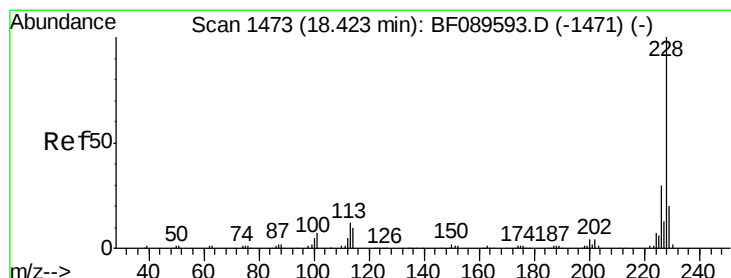
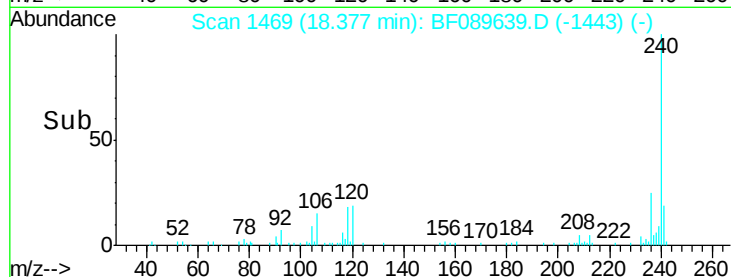
229 0.0 15.9 23.9#



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



Time-->



#82

Chrysene

Concen: 0.04 ng

RT: 18.42 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

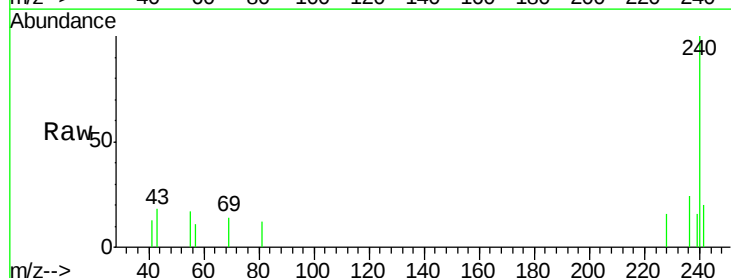
Tgt Ion: 228 Resp: 317

Ion Ratio Lower Upper

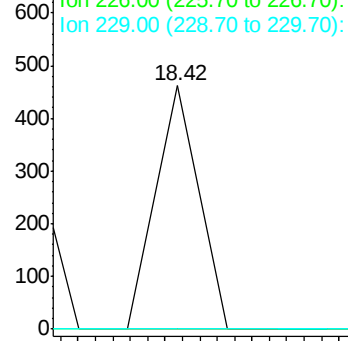
228 100

226 0.0 24.2 36.2#

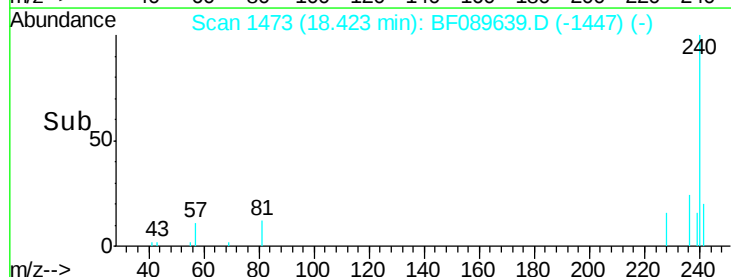
229 0.0 16.0 24.0#

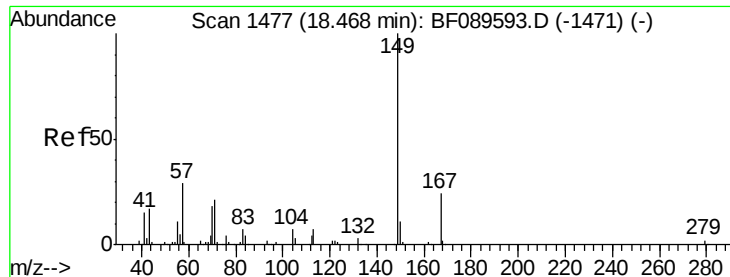


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

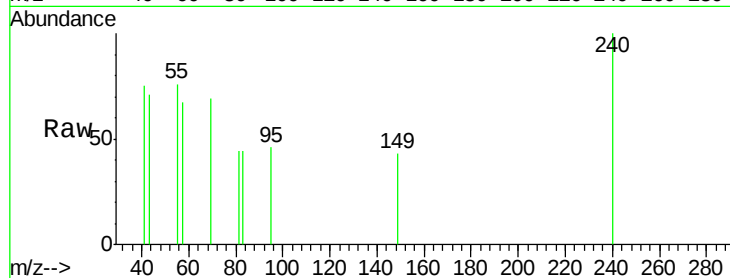
Tgt Ion:149 Resp: 224

Ion Ratio Lower Upper

149 100

167 0.0 19.0 28.4#

279 0.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

18.47

300

200

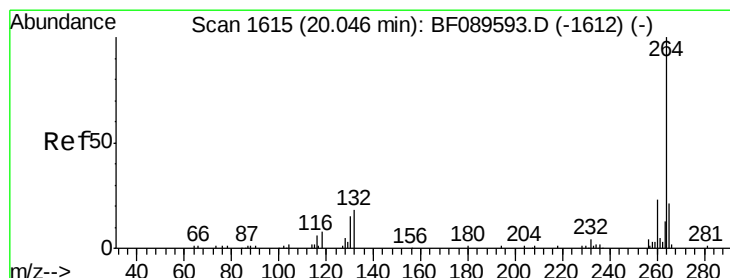
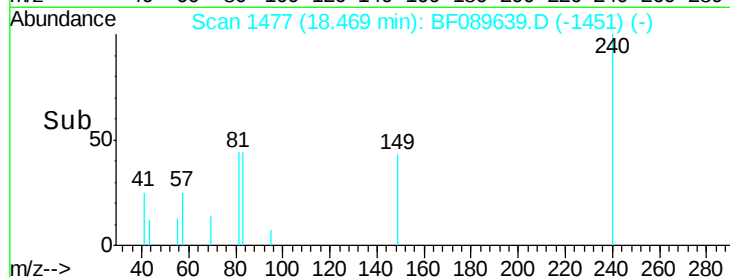
100

0

18.45

18.50

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

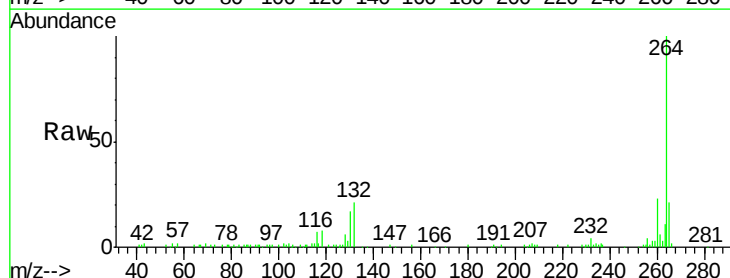
Tgt Ion:264 Resp: 98146

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.3 16.5 24.7



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

20.05

100000

80000

60000

40000

20000

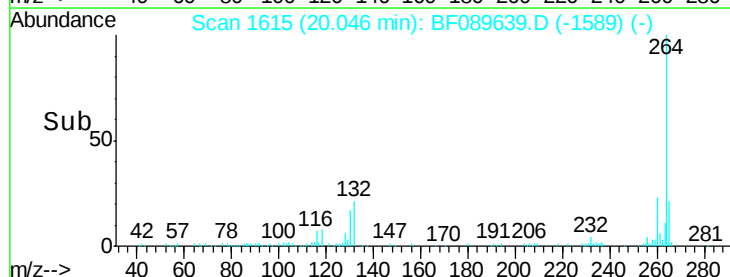
0

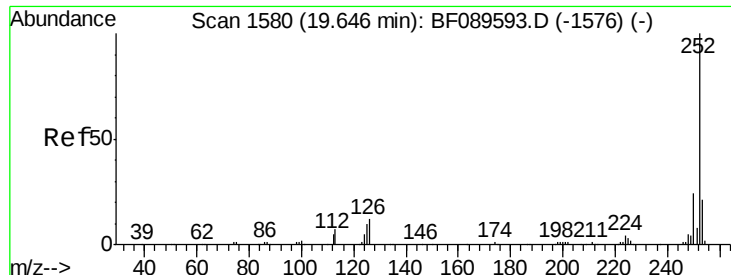
20.00

20.10

20.20

Time-->

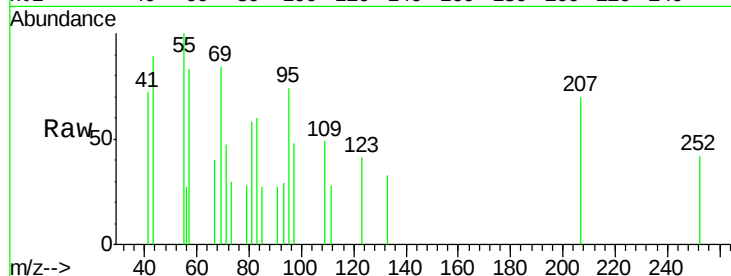




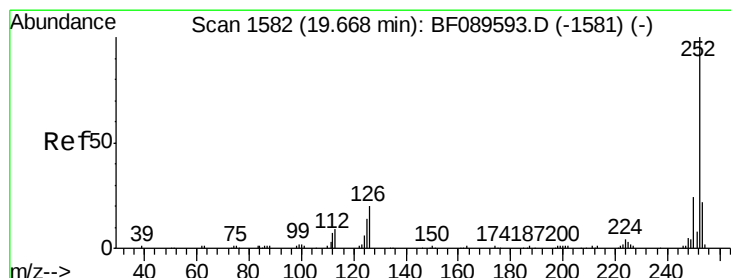
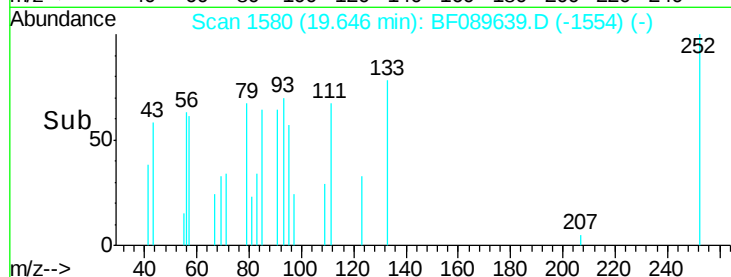
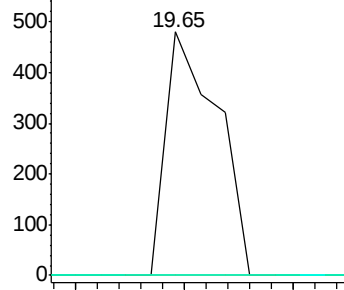
#87  
Benzo(b)fluoranthene  
Concen: 0.13 ng  
RT: 19.65 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
DUP-Y

Tgt Ion: 252 Resp: 795  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.1 25.7#  
125 0.0 7.8 11.8#

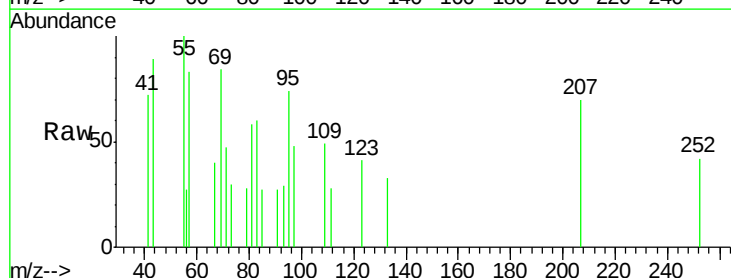


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

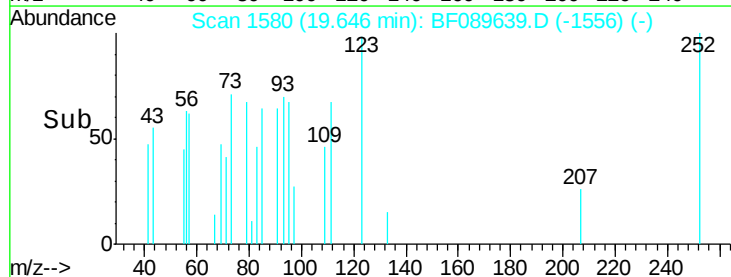
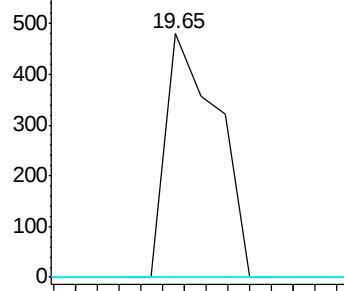


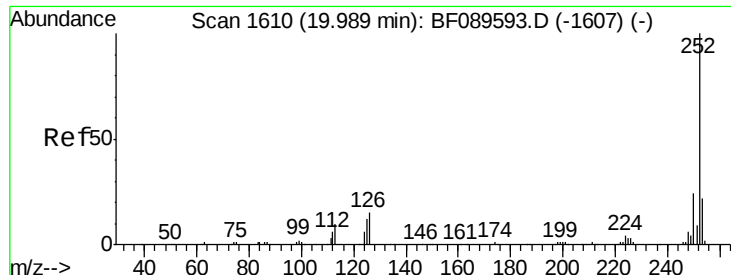
#88  
Benzo(k)fluoranthene  
Concen: 0.13 ng  
RT: 19.65 min Scan# 1580  
Delta R.T. -0.02 min  
Lab File: BF089639.D  
Acq: 5 Aug 2016 19:59

Tgt Ion: 252 Resp: 795  
Ion Ratio Lower Upper  
252 100  
253 0.0 17.3 25.9#  
125 0.0 11.0 16.6#



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





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 20.00 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF089639.D

Acq: 5 Aug 2016 19:59

Instrument :

BNA\_F

ClientSampleId :

DUP-Y

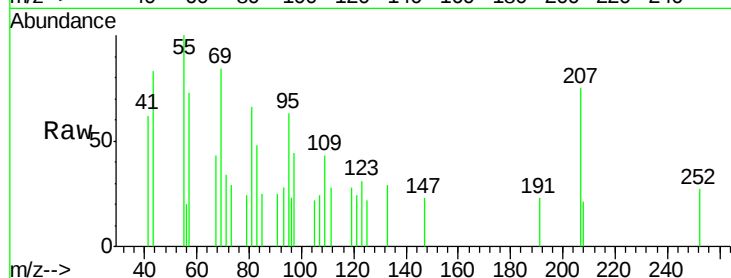
Tgt Ion: 252 Resp: 283

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 80.3 9.9 14.9#



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

