

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\  
 Data File : BF084483.D  
 Acq On : 14 Jan 2016 11:31  
 Operator : SJ/UM  
 Sample : G4988-02 5X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RX2DL

Quant Time: Jan 14 11:56:08 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 252641   | 20.00 | ng    | -0.07    |
| 21) Naphthalene-d8        | 8.12  | 136  | 943902   | 20.00 | ng    | -0.07    |
| 38) Acenaphthene-d10      | 9.87  | 164  | 387716   | 20.00 | ng    | -0.08    |
| 63) Phenanthrene-d10      | 11.36 | 188  | 627930   | 20.00 | ng    | -0.07    |
| 75) Chrysene-d12          | 13.99 | 240  | 528297   | 20.00 | ng    | -0.08    |
| 86) Perylene-d12          | 15.41 | 264  | 506963   | 20.00 | ng    | -0.09    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.42  | 112  | 410871   | 26.30 | ng    | -0.07    |
| 7) Phenol-d6                | 6.46  | 99   | 521292   | 26.57 | ng    | -0.07    |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 303099   | 17.87 | ng    | -0.08    |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 65033    | 16.61 | ng    | -0.08    |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 494730   | 17.42 | ng    | -0.07    |
| 78) Terphenyl-d14           | 12.93 | 244  | 317772   | 13.43 | ng    | -0.08    |

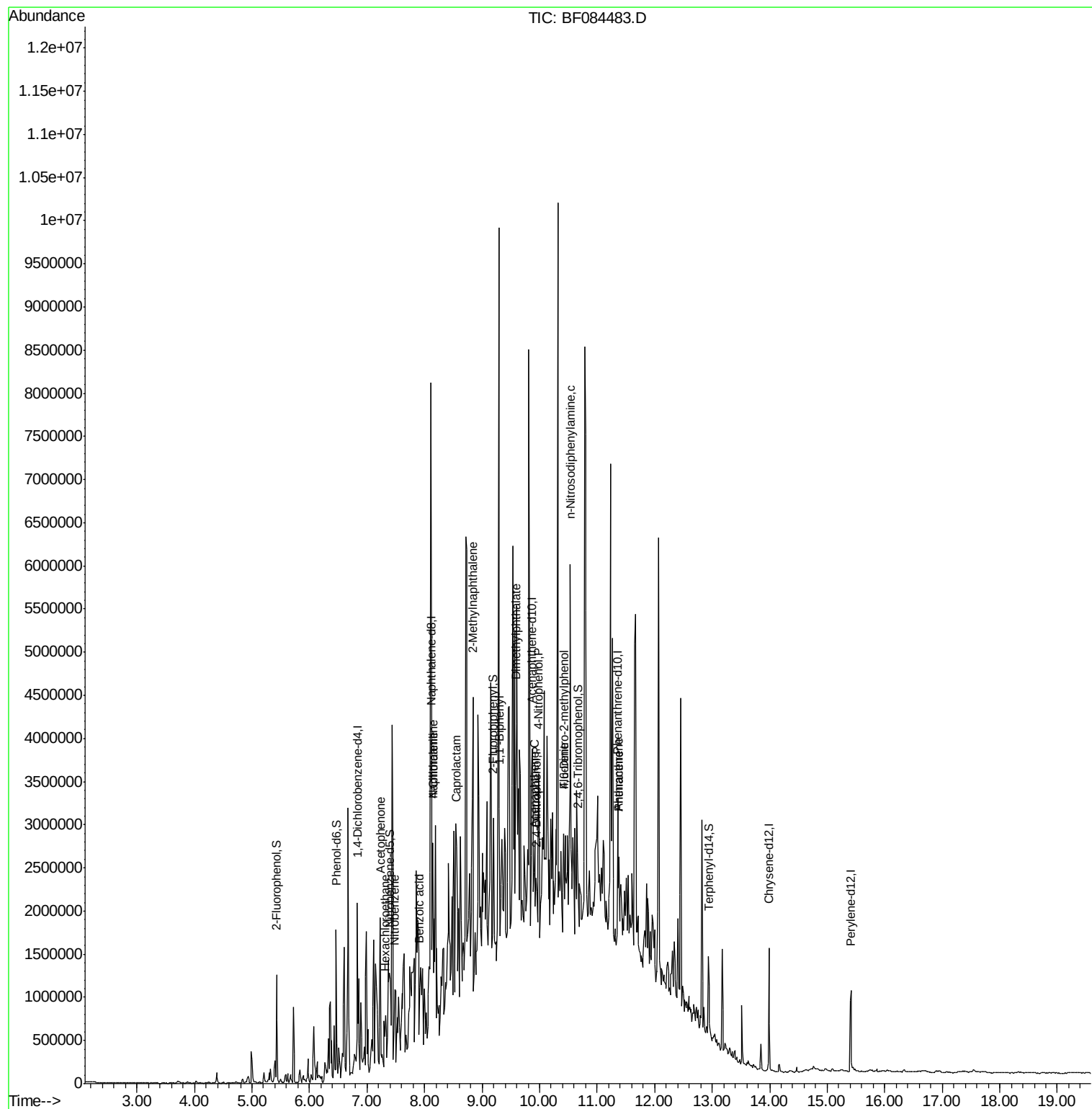
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 18) Hexachloroethane           | 7.32  | 117  | 34965    | 4.77      | ng    | # 1    |
| 22) Acetophenone               | 7.23  | 105  | 215225   | 9.48      | ng    | # 49   |
| 24) Nitrobenzene               | 7.48  | 77   | 34805    | 2.02      | ng    | # 42   |
| 31) Naphthalene                | 8.14  | 128  | 657977   | 15.36     | ng    | # 97   |
| 32) Benzoic acid               | 7.92  | 122  | 3833     | 6.58      | ng    | # 4    |
| 33) 4-Chloroaniline            | 8.14  | 127  | 131153   | 6.68      | ng    | # 38   |
| 35) Caprolactam                | 8.56  | 113  | 61550    | 13.83     | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 8.84  | 142  | 1237938  | 40.27     | ng    | # 98   |
| 45) 1,1'-Biphenyl              | 9.30  | 154  | 142224   | 4.62      | ng    | # 99   |
| 49) Dimethylphthalate          | 9.60  | 163  | 72212    | 2.61      | ng    | # 94   |
| 51) Acenaphthene               | 9.90  | 154  | 69465    | 2.90      | ng    | # 94   |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 350      | 3.69      | ng    | # 1    |
| 54) Dibenzofuran               | 10.08 | 168  | 45731    | Below Cal |       | # 1    |
| 55) 4-Nitrophenol              | 9.98  | 139  | 50554    | 9.25      | ng    | # 74   |
| 57) Fluorene                   | 10.42 | 166  | 130581   | 3.23      | ng    | # 83   |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 1674     | Below Cal |       | # 1    |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 4359     | 7.25      | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 10.53 | 169  | 225840   | 11.25     | ng    | # 55   |
| 70) Phenanthrene               | 11.38 | 178  | 379206   | 11.55     | ng    | # 96   |
| 71) Anthracene                 | 11.38 | 178  | 379206   | 11.78     | ng    | # 97   |
| 73) Di-n-butylphthalate        | 11.91 | 149  | 5912     | Below Cal |       | # 1    |

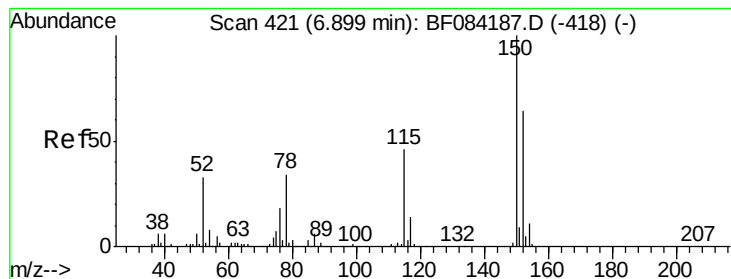
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Time: Jan 14 11:56:08 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 04 12:22:40 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

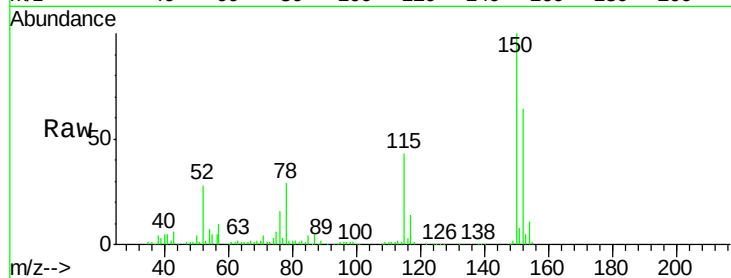
Tot Ion:152 Resp: 252641

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

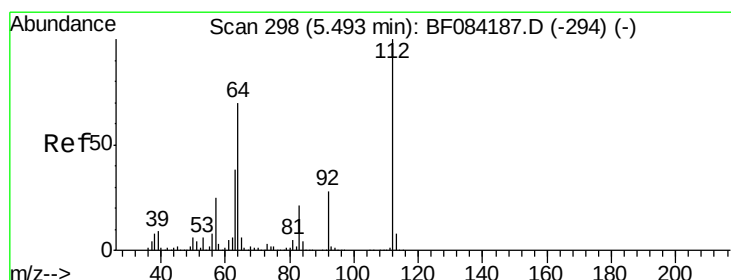
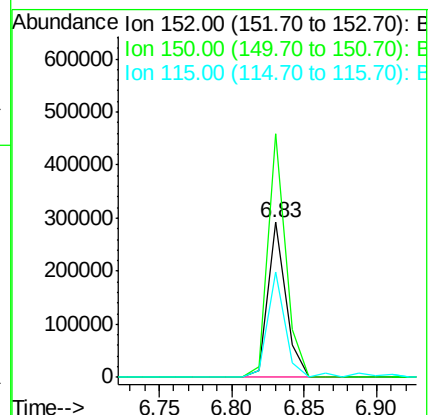
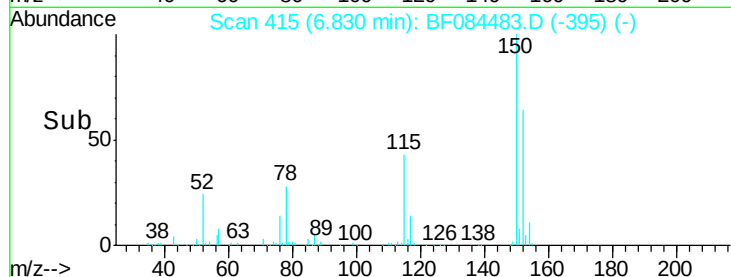
115 67.8 51.4 77.2



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: 26.30 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

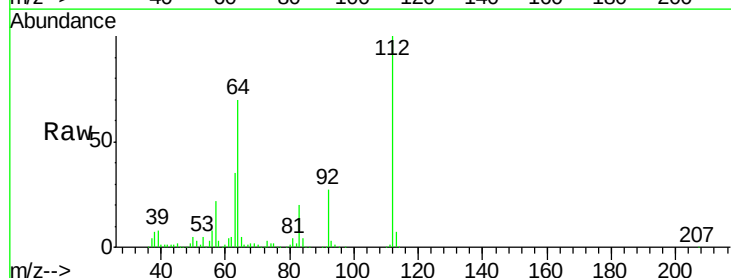
Tgt Ion:112 Resp: 410871

Ion Ratio Lower Upper

112 100

64 70.0 36.6 55.0#

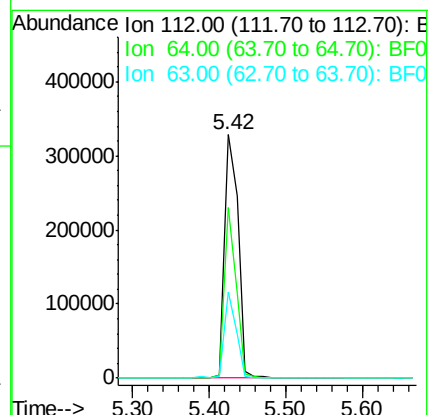
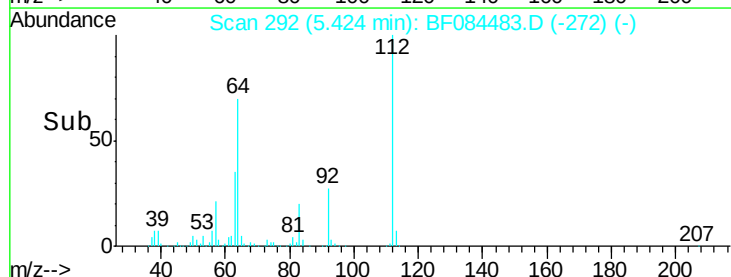
63 35.4 19.4 29.0#

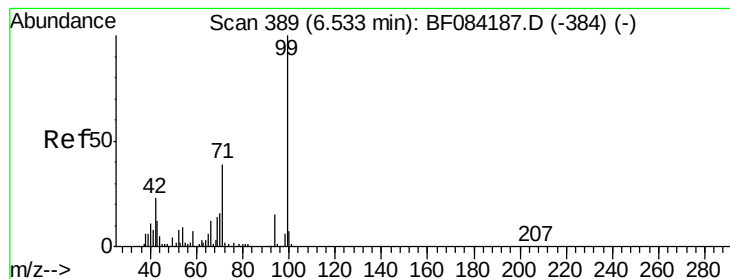


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.57 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

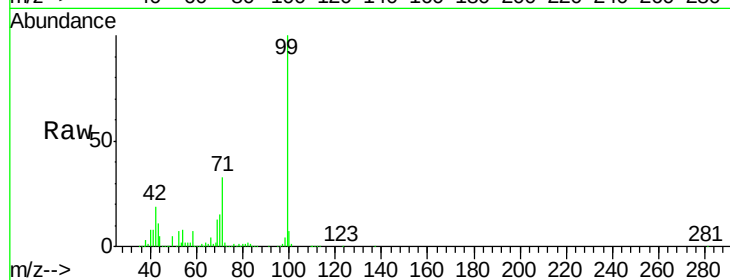
Tot Ion: 99 Resp: 521292

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

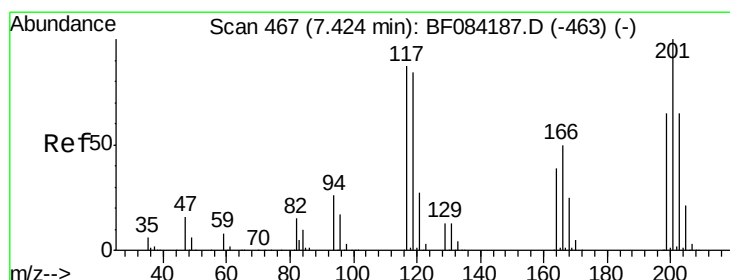
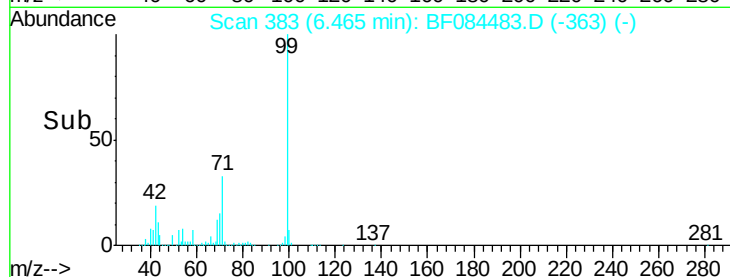
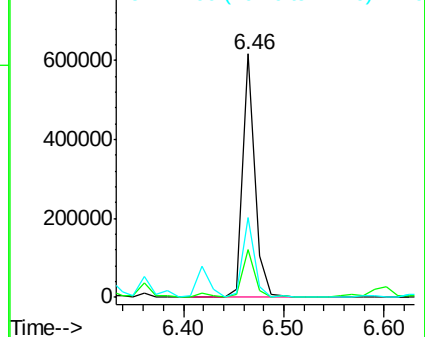
71 33.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 4.77 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.10 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

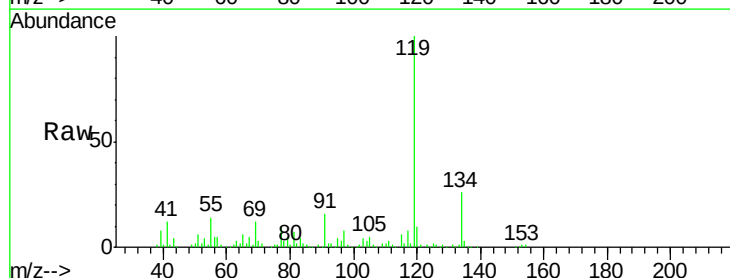
Tgt Ion: 117 Resp: 34965

Ion Ratio Lower Upper

117 100

119 1332.9 77.4 116.0#

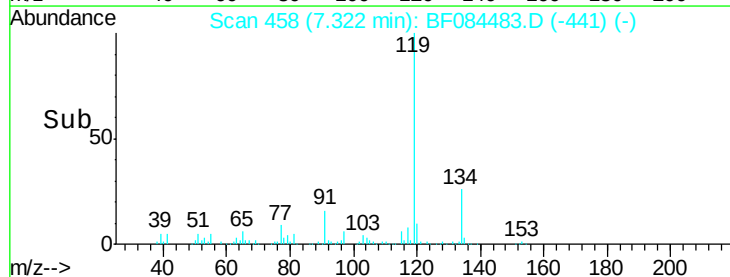
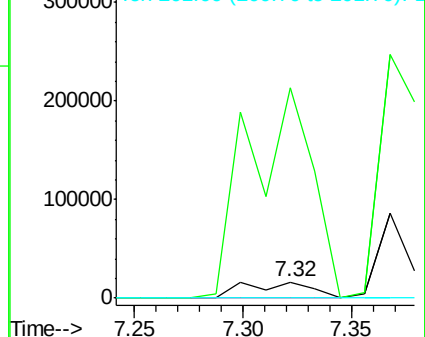
201 0.0 68.6 103.0#

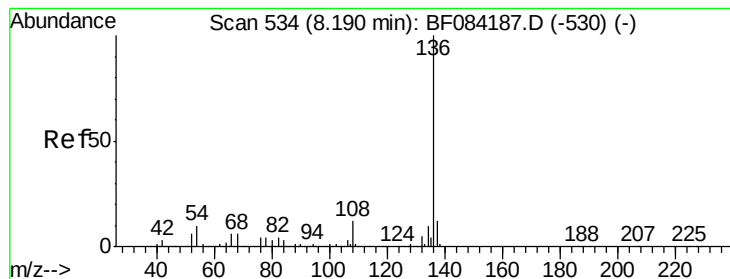


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

Tot Ion:136 Resp: 943902

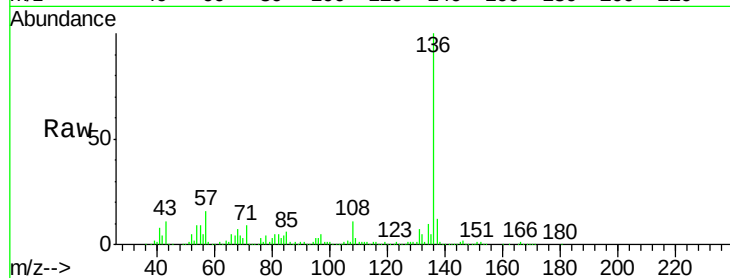
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 9.4 5.8 8.8#

68 6.5 4.2 6.2#

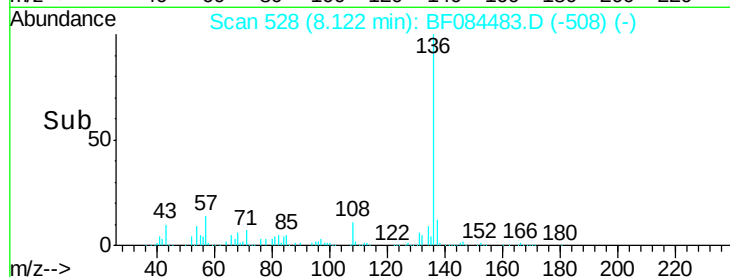


Abundance Ion 136.00 (135.70 to 136.70): E

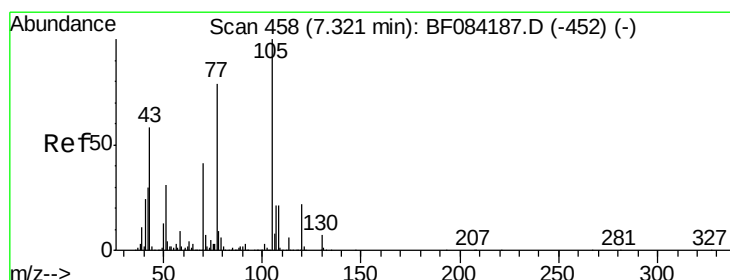
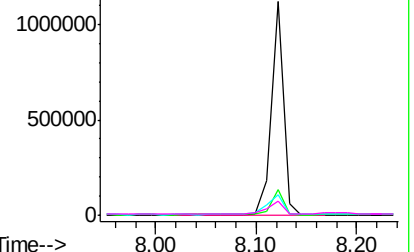
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 9.48 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.09 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Tgt Ion:105 Resp: 215225

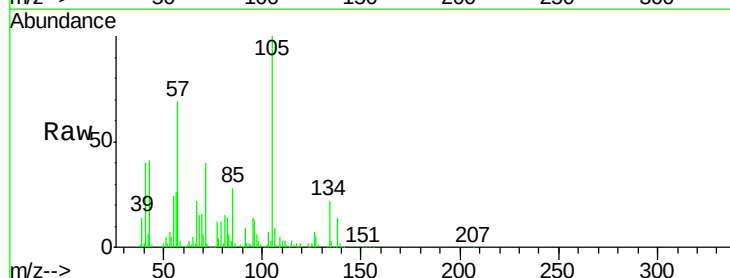
Ion Ratio Lower Upper

105 100

71 39.5 3.7 5.5#

51 4.9 25.1 37.7#

120 0.0 16.6 25.0#

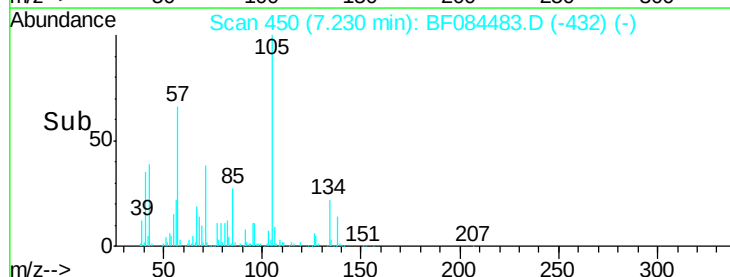


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

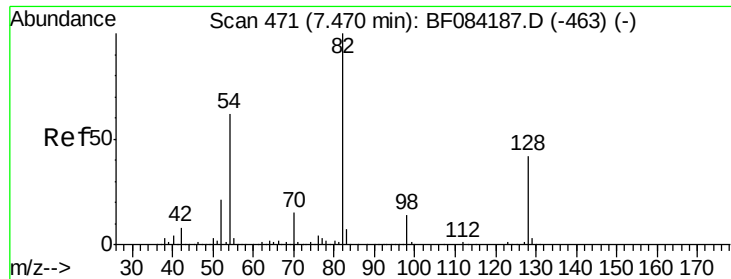
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

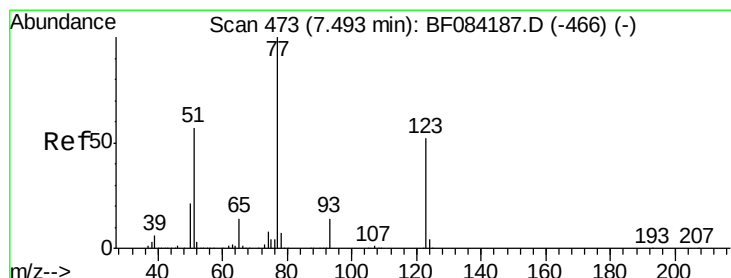
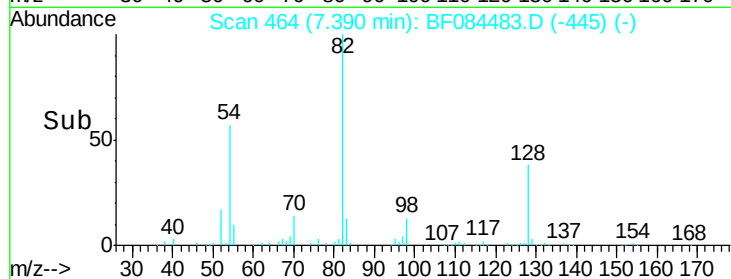
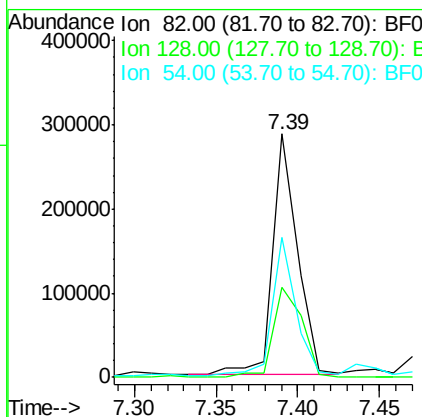
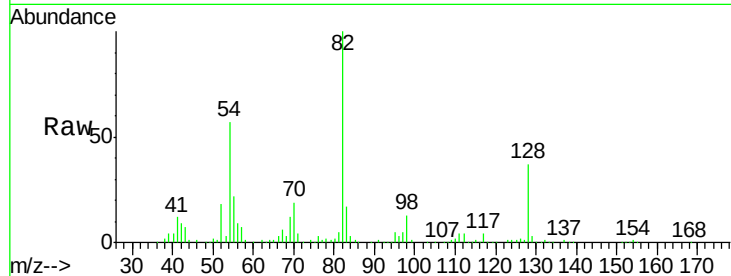




#23  
Nitrobenzene-d5  
Concen: 17.87 ng  
RT: 7.39 min Scan# 464  
Delta R.T. -0.08 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

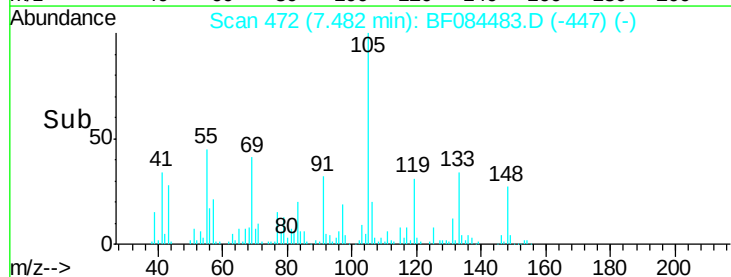
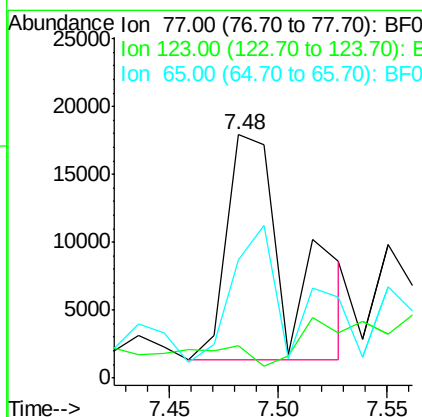
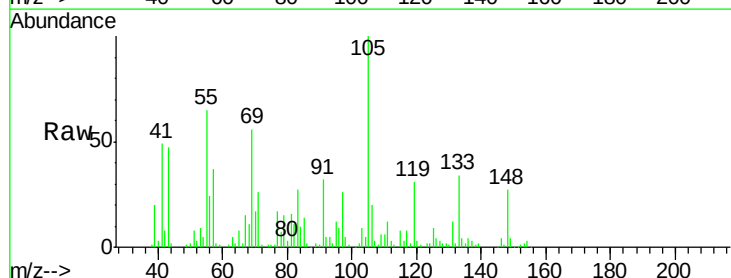
Instrument :  
BNA\_F  
ClientSampled :  
RX2DL

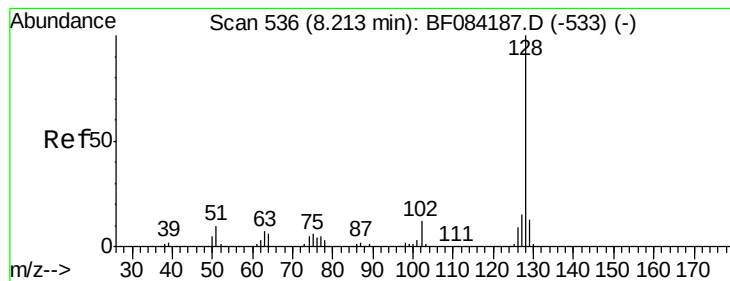
Tot Ion: 82 Resp: 303099  
Ion Ratio Lower Upper  
82 100  
128 37.2 34.6 51.8  
54 57.4 38.4 57.6



#24  
Nitrobenzene  
Concen: 2.02 ng  
RT: 7.48 min Scan# 472  
Delta R.T. -0.01 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Tgt Ion: 77 Resp: 34805  
Ion Ratio Lower Upper  
77 100  
123 13.4 37.4 56.2#  
65 48.6 10.9 16.3#





#31

Naphthalene

Concen: 15.36 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

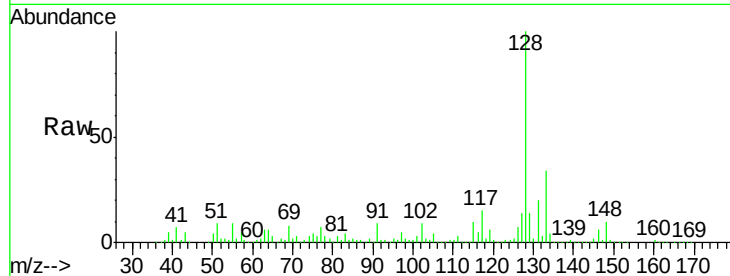
Tot Ion:128 Resp: 657977

Ion Ratio Lower Upper

128 100

129 13.6 9.1 13.7

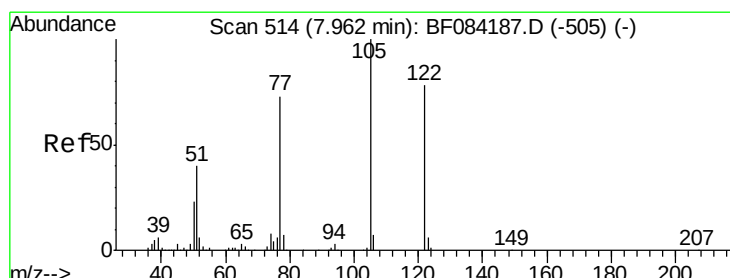
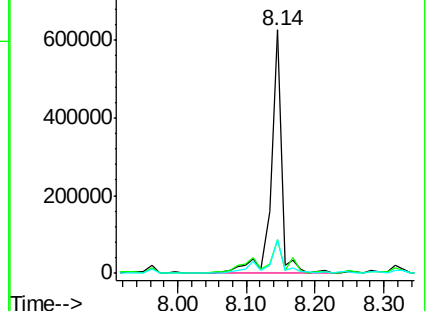
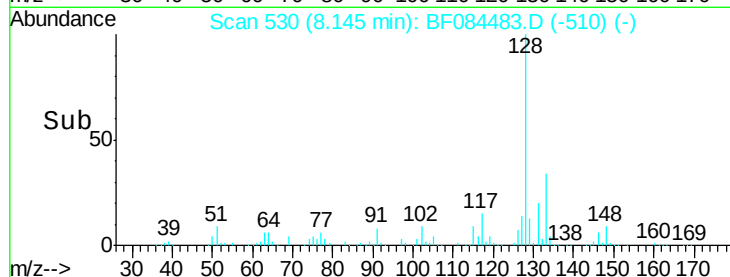
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.58 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

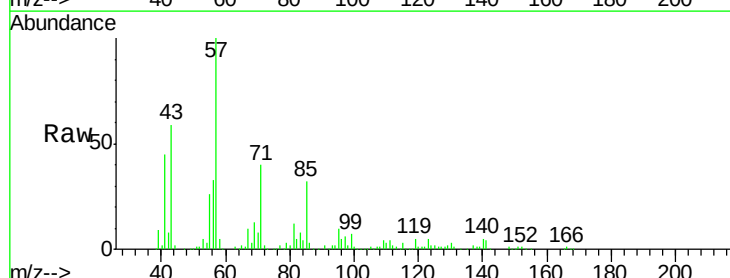
Tgt Ion:122 Resp: 3833

Ion Ratio Lower Upper

122 100

105 92.7 100.3 140.3#

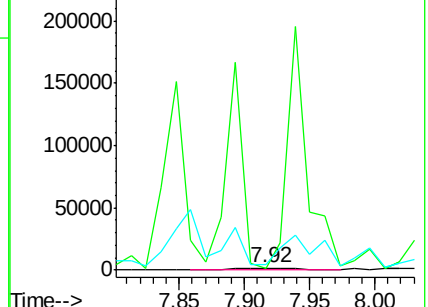
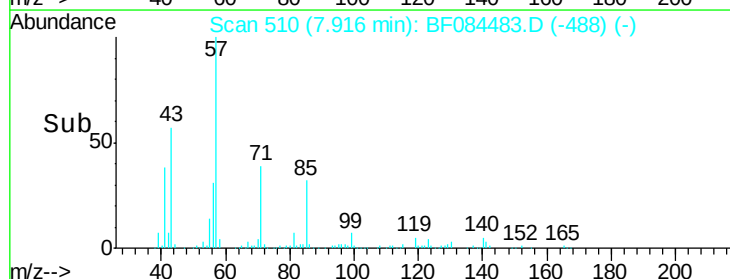
77 262.8 63.5 103.5#

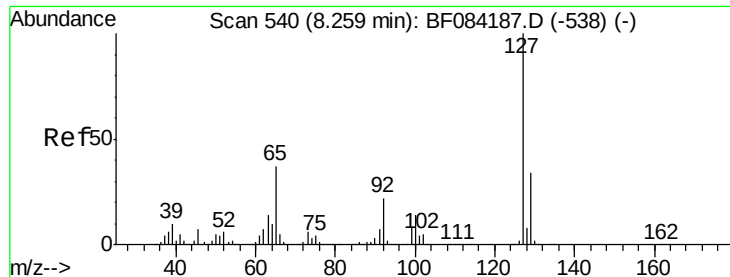


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

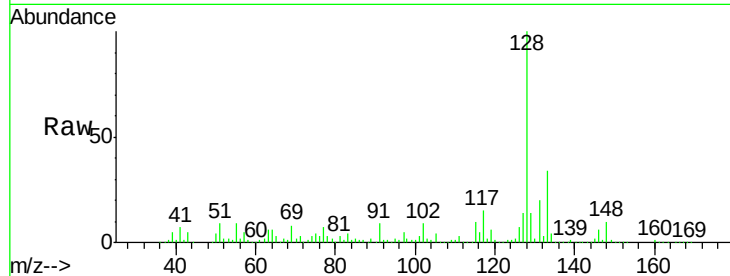




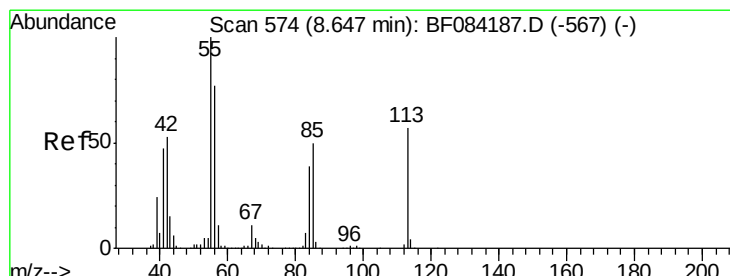
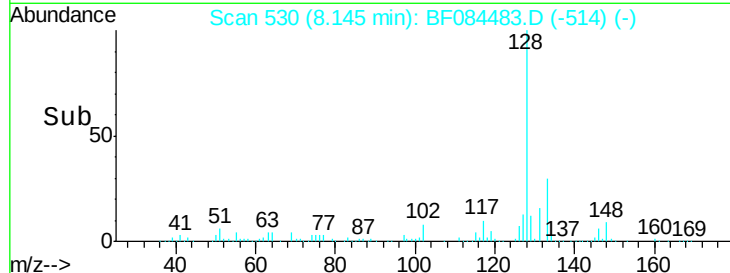
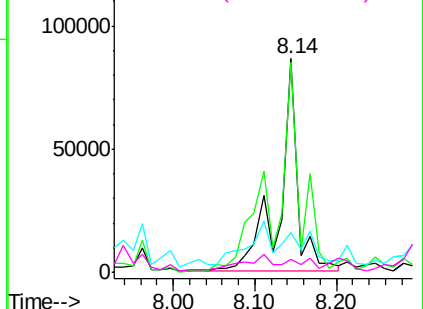
#33  
4-Chloroaniline  
Concen: 6.68 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.11 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Instrument :  
BNA\_F  
ClientSampleId :  
RX2DL

|             |       |            |
|-------------|-------|------------|
| Tot Ion:127 | Resp: | 131153     |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 98.5  | 26.5 39.7# |
| 65          | 18.4  | 27.2 40.8# |
| 92          | 6.1   | 17.7 26.5# |

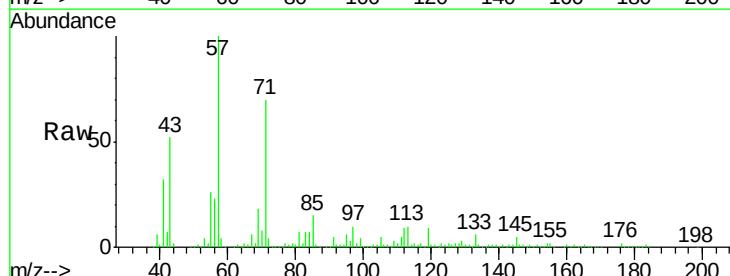


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

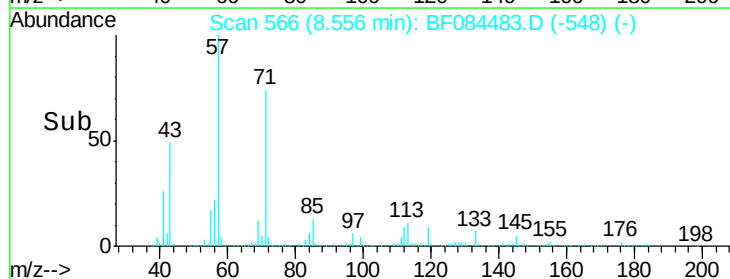
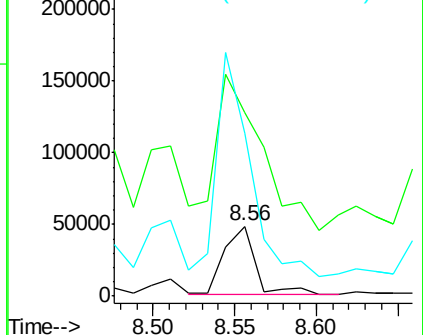


#35  
Caprolactam  
Concen: 13.83 ng  
RT: 8.56 min Scan# 566  
Delta R.T. -0.09 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

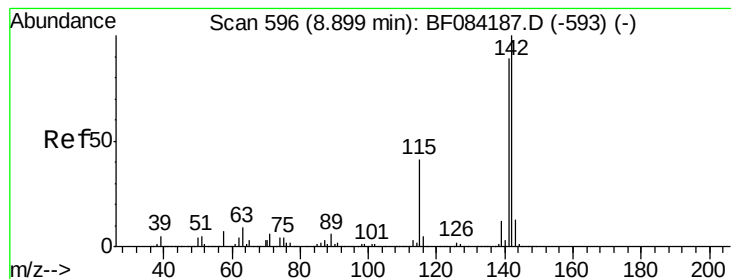
|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:113 | Resp: | 61550        |
| Ion Ratio   | Lower | Upper        |
| 113         | 100   |              |
| 55          | 261.0 | 116.9 156.9# |
| 56          | 233.1 | 93.8 133.8#  |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



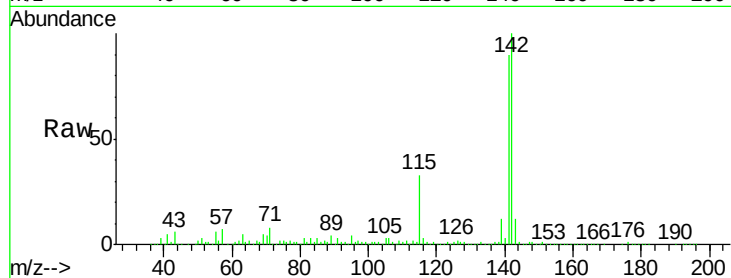




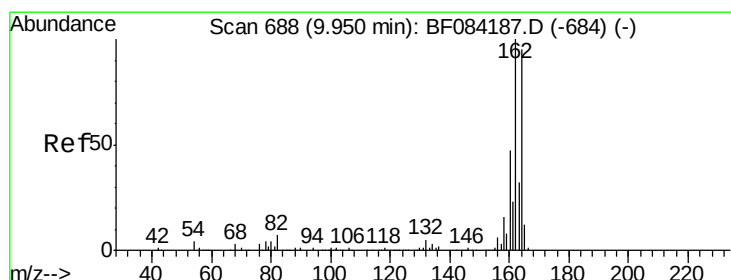
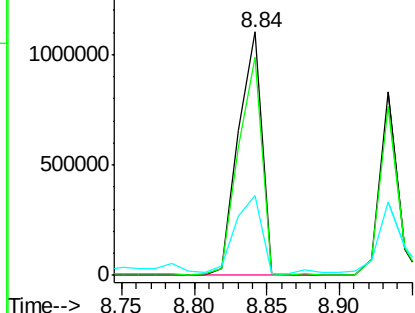
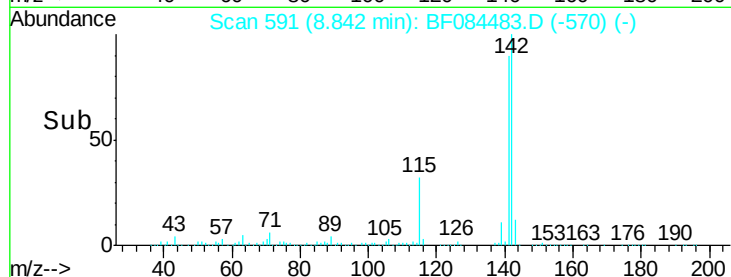
#37  
2-Methylnaphthalene  
Concen: 40.27 ng  
RT: 8.84 min Scan# 591  
Delta R.T. -0.06 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Instrument :  
BNA\_F  
ClientSampled :  
RX2DL

Tot Ion:142 Resp: 1237938  
Ion Ratio Lower Upper  
142 100  
141 89.7 72.4 108.6  
115 33.0 27.9 41.9

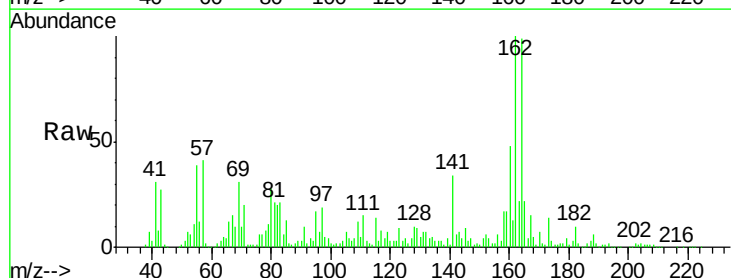


Abundance Ion 142.00 (141.70 to 142.70): E  
1500000  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

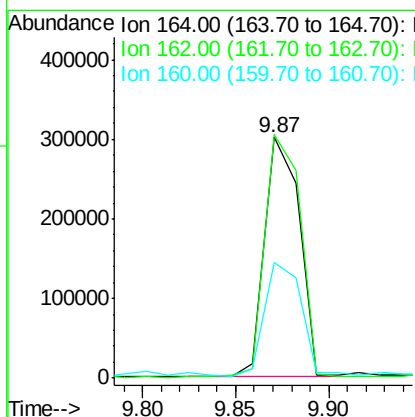
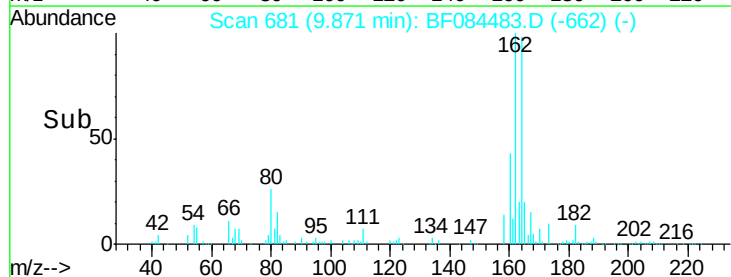


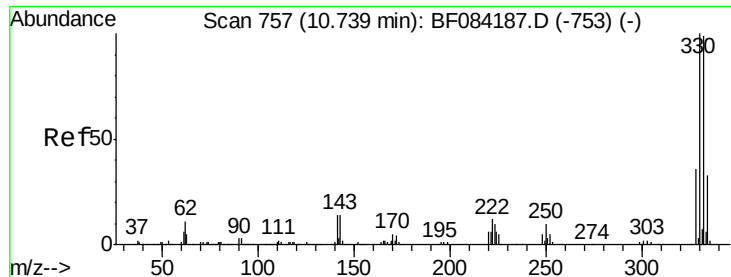
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.87 min Scan# 681  
Delta R.T. -0.08 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Tgt Ion:164 Resp: 387716  
Ion Ratio Lower Upper  
164 100  
162 101.0 85.1 127.7  
160 48.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E  
400000  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

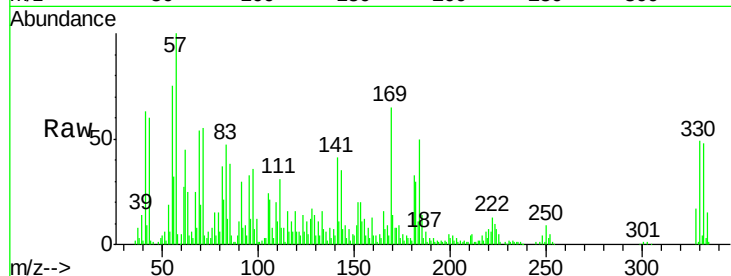




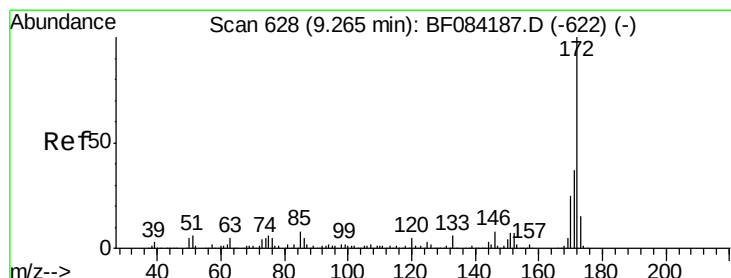
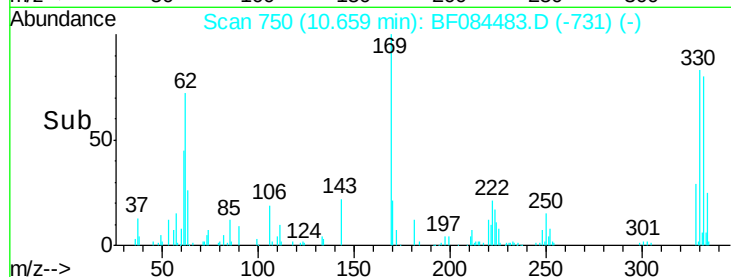
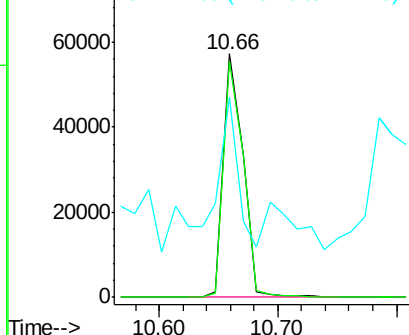
#41  
 2,4,6-Tribromophenol  
 Concen: 16.61 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. -0.08 min  
 Lab File: BF084483.D  
 Acq: 14 Jan 2016 11:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RX2DL

Tot Ion:330 Resp: 65033  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.6 114.8  
 141 59.0 27.8 41.6#

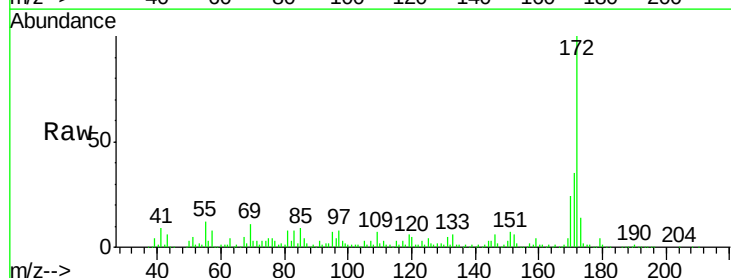


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

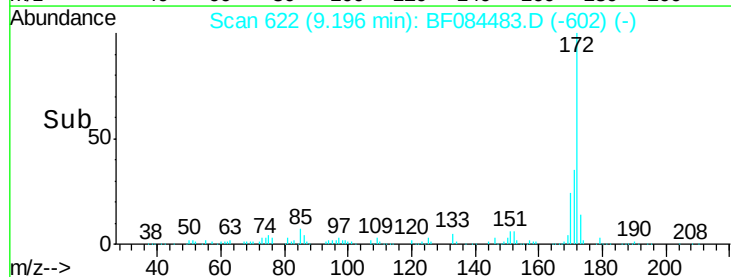
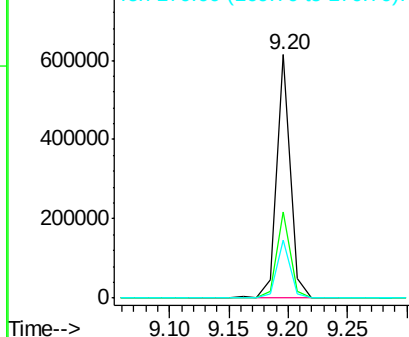


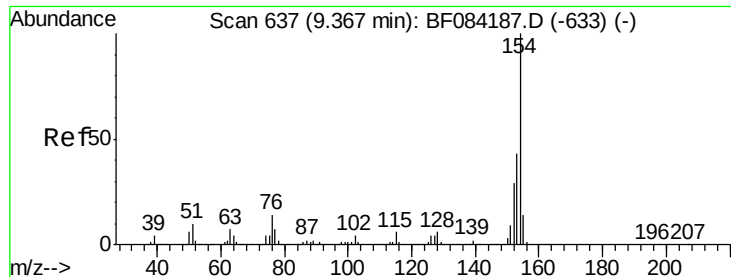
#44  
 2-Fluorobiphenyl  
 Concen: 17.42 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.07 min  
 Lab File: BF084483.D  
 Acq: 14 Jan 2016 11:31

Tgt Ion:172 Resp: 494730  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.9 43.3  
 170 23.7 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 4.62 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

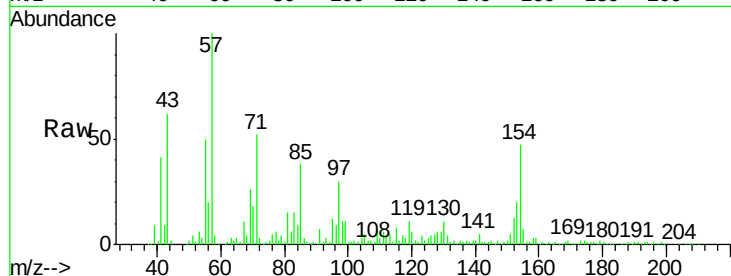
Tot Ion:154 Resp: 142224

Ion Ratio Lower Upper

154 100

153 41.6 21.6 61.6

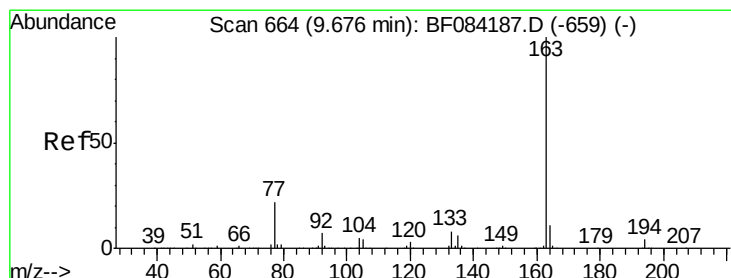
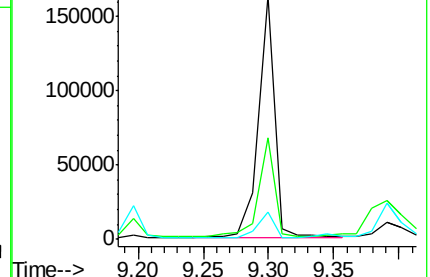
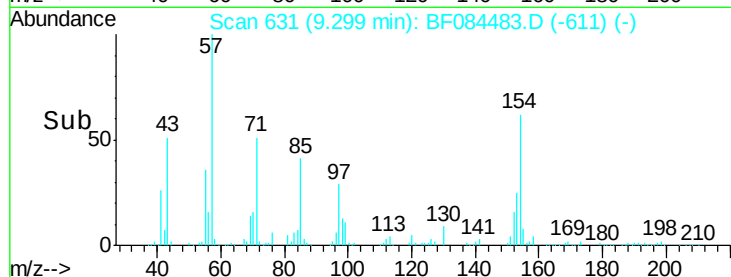
76 11.4 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 2.61 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.08 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

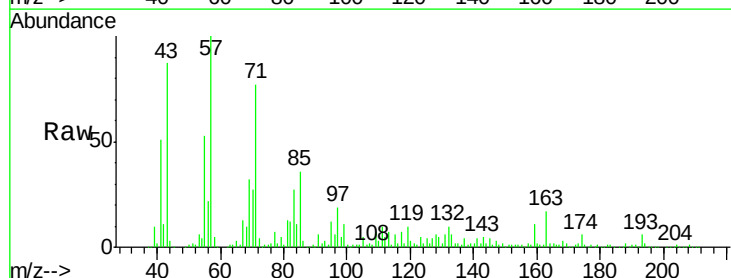
Tgt Ion:163 Resp: 72212

Ion Ratio Lower Upper

163 100

194 12.6 8.0 12.0#

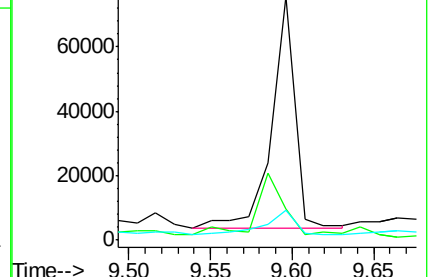
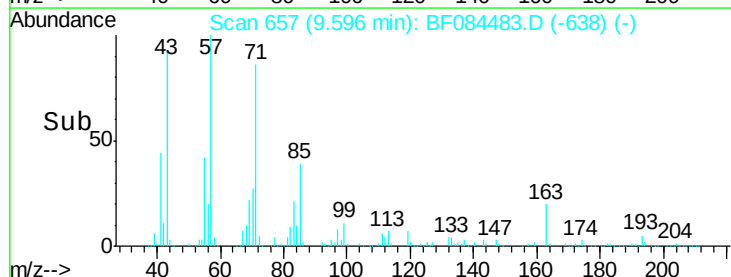
164 12.1 8.0 12.0#

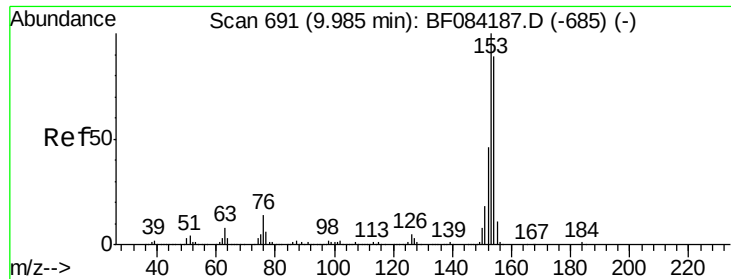


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampled :

RX2DL

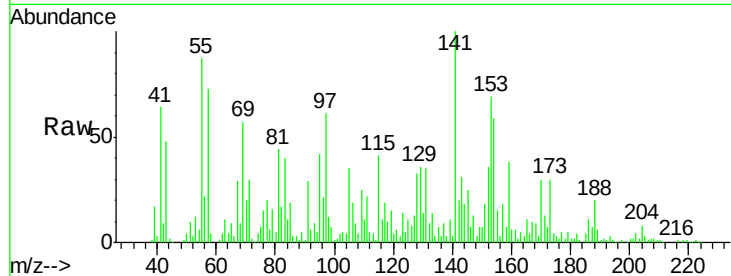
Tot Ion:154 Resp: 69465

Ion Ratio Lower Upper

154 100

153 117.8 91.5 137.3

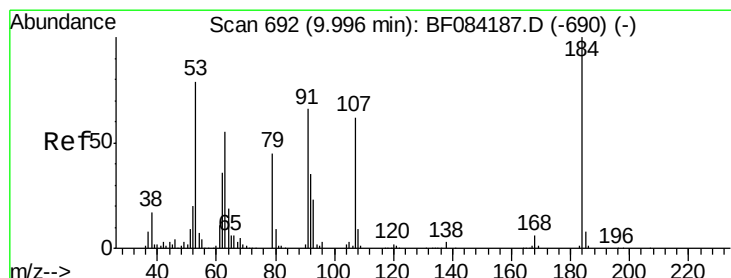
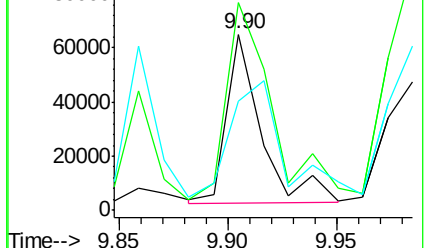
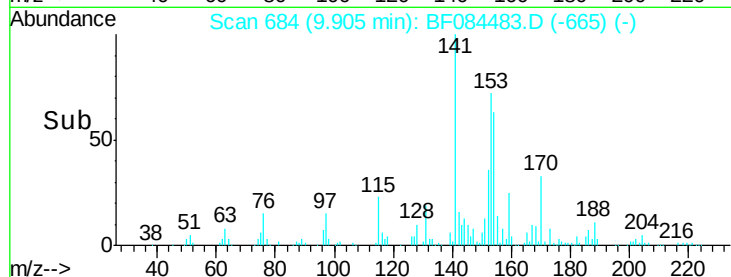
152 61.8 43.0 64.6



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



#53

2,4-Dinitrophenol

Concen: 3.69 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.05 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

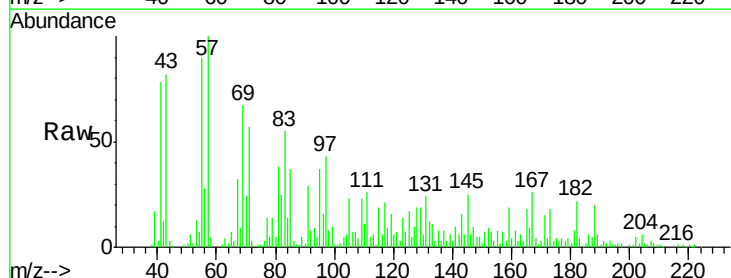
Tgt Ion:184 Resp: 350

Ion Ratio Lower Upper

184 100

63 830.6 43.1 64.7#

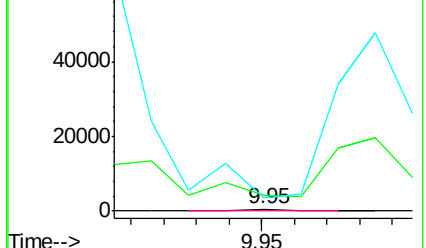
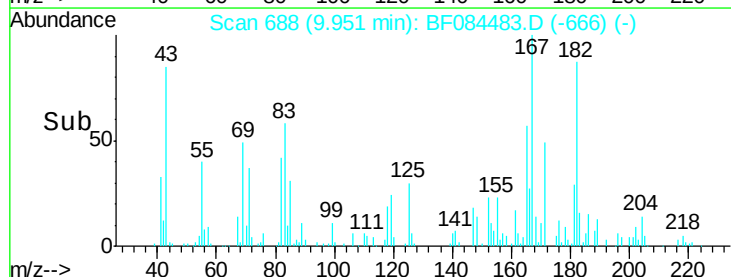
154 722.5 60.5 90.7#

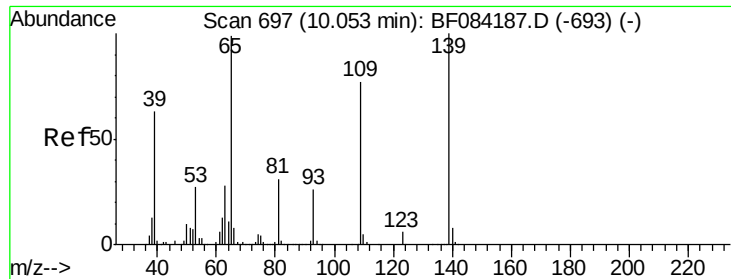


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

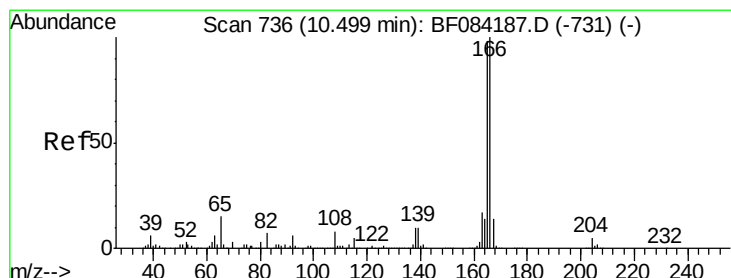
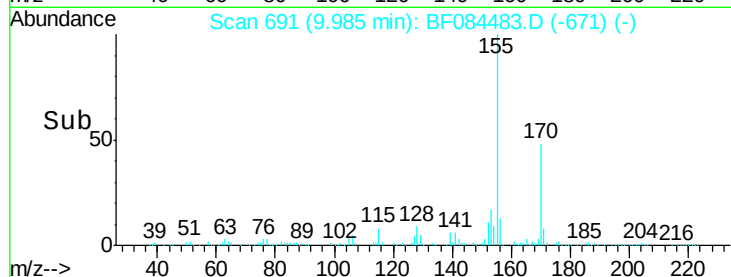
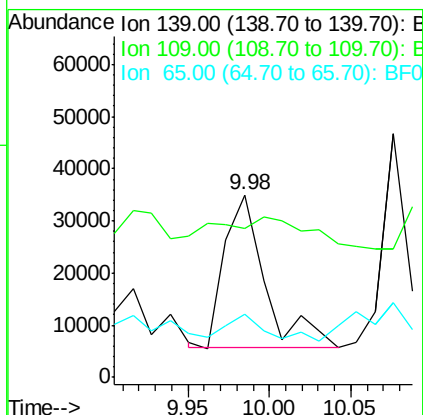
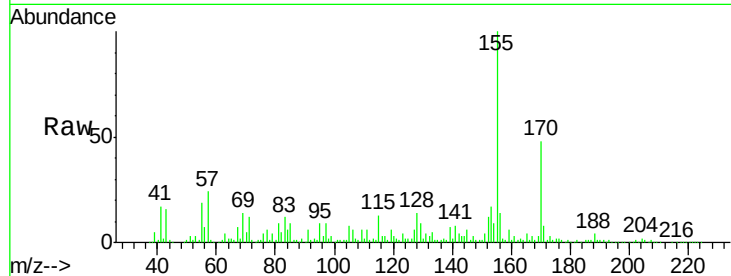




#55  
4-Nitrophenol  
Concen: 9.25 ng  
RT: 9.98 min Scan# 691  
Delta R.T. -0.07 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

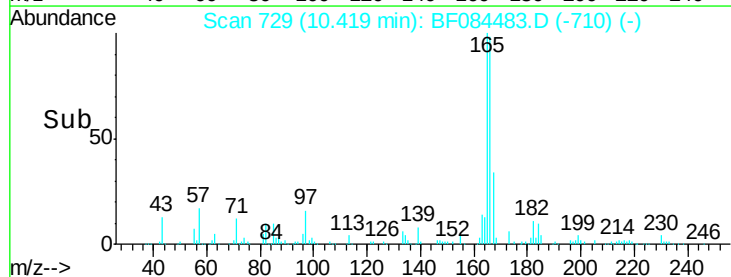
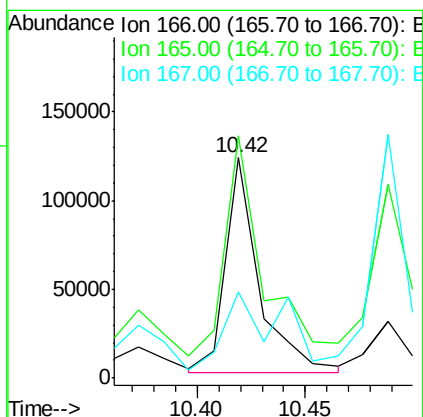
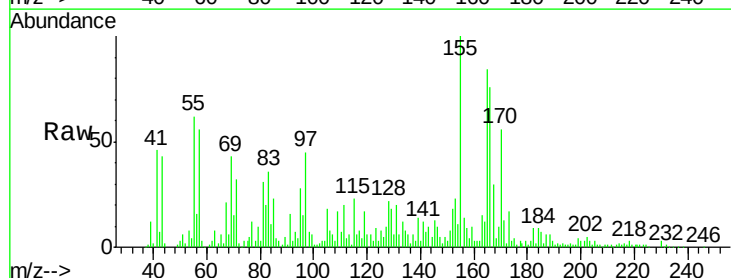
Instrument :  
BNA\_F  
ClientSampleId :  
RX2DL

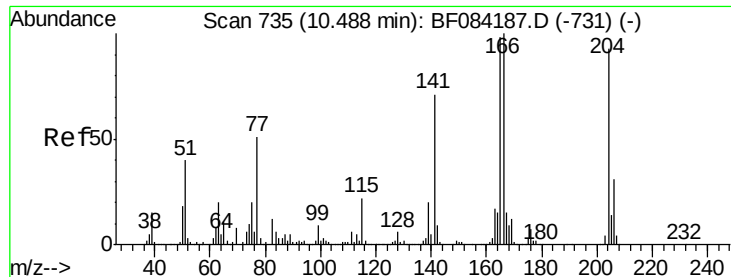
Tot Ion:139 Resp: 50554  
Ion Ratio Lower Upper  
139 100  
109 81.7 58.5 98.5  
65 34.7 57.6 97.6#



#57  
Fluorene  
Concen: 3.23 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.08 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Tgt Ion:166 Resp: 130581  
Ion Ratio Lower Upper  
166 100  
165 109.7 79.1 118.7  
167 38.9 10.4 15.6#

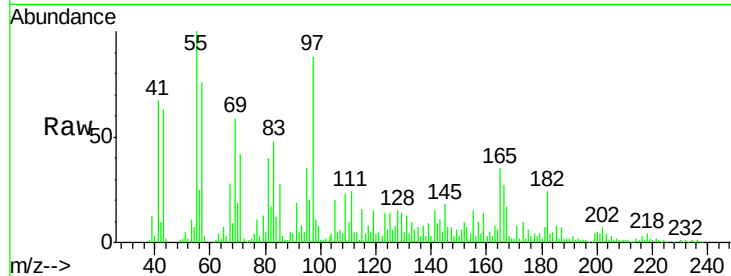




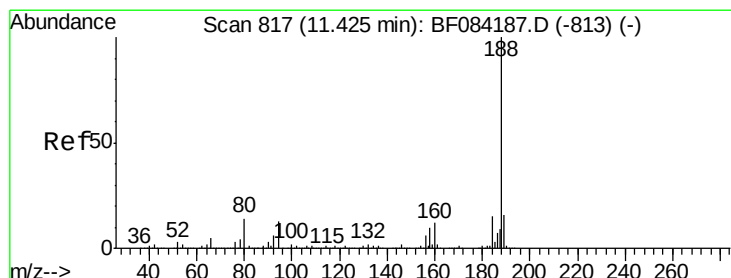
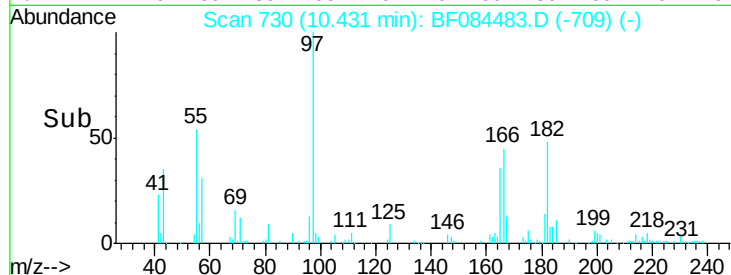
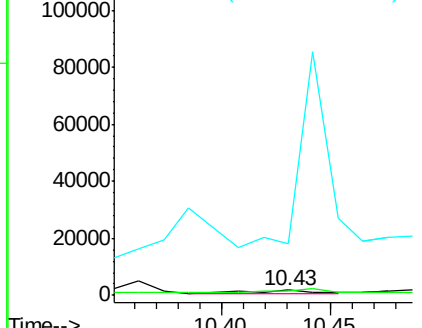
#60  
4-Chlorophenyl-phenylether  
Concen: Below Cal  
RT: 10.43 min Scan# 730  
Delta R.T. -0.06 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Instrument :  
BNA\_F  
ClientSampleId :  
RX2DL

Tot Ion:204 Resp: 1674  
Ion Ratio Lower Upper  
204 100  
206 72.2 25.7 38.5#  
141 999.0 55.1 82.7#

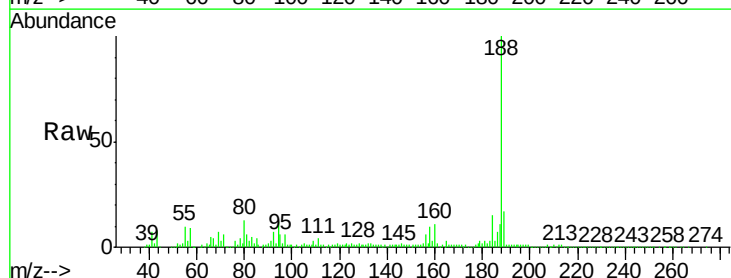


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

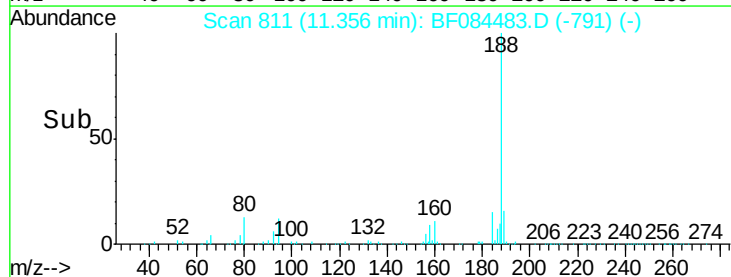
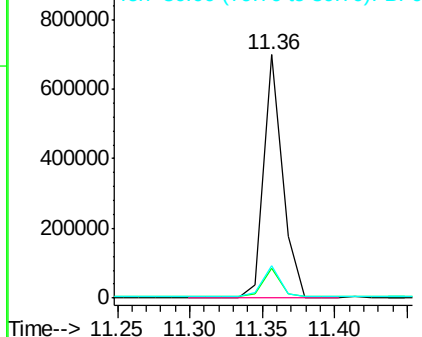


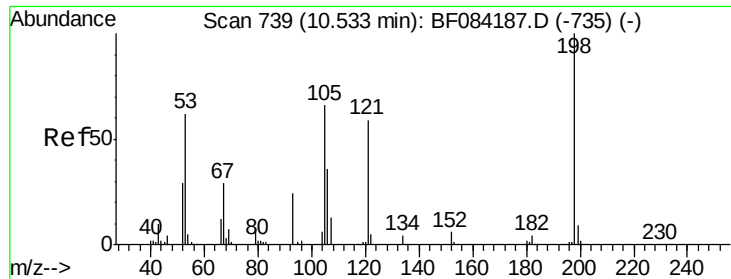
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.36 min Scan# 811  
Delta R.T. -0.07 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Tgt Ion:188 Resp: 627930  
Ion Ratio Lower Upper  
188 100  
94 12.1 9.0 13.4  
80 13.2 9.6 14.4



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

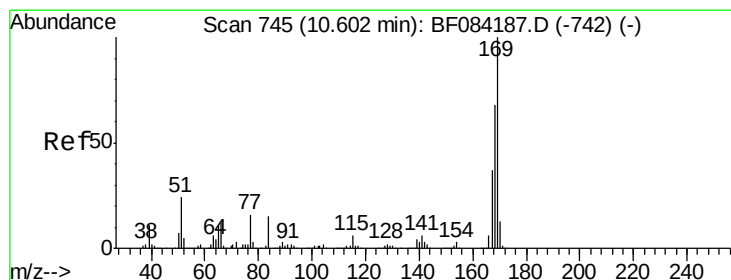
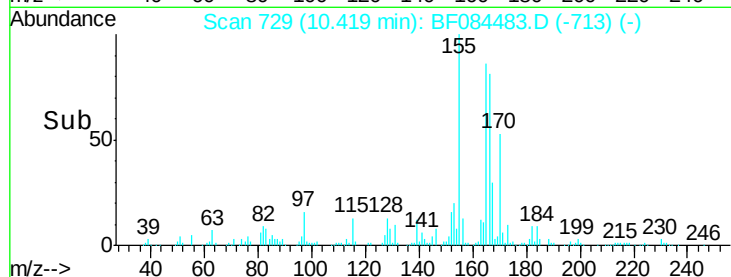
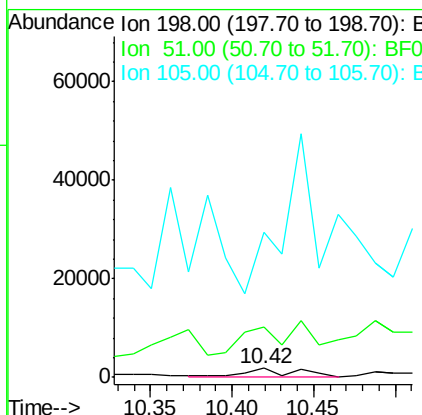
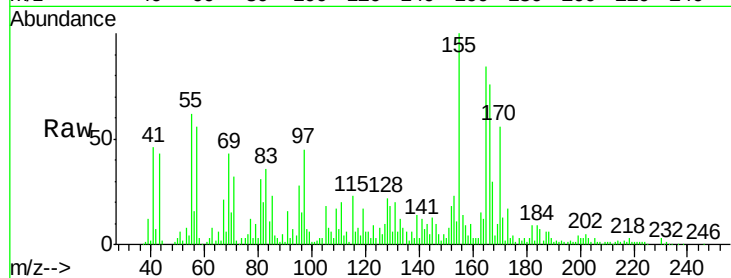




#64  
4,6-Dinitro-2-methylphenol  
Concen: 7.25 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.11 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

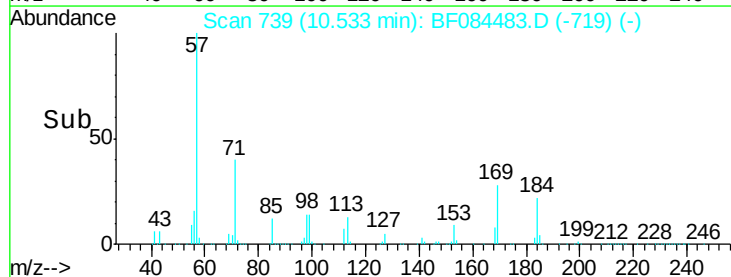
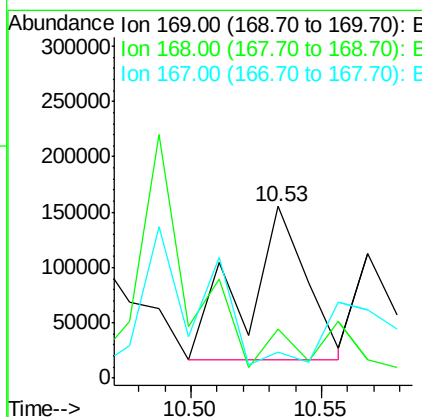
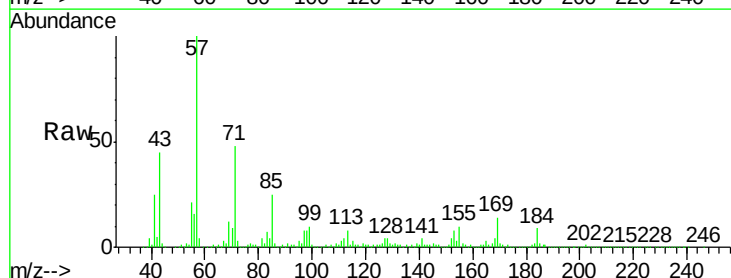
Instrument :  
BNA\_F  
ClientSampled :  
RX2DL

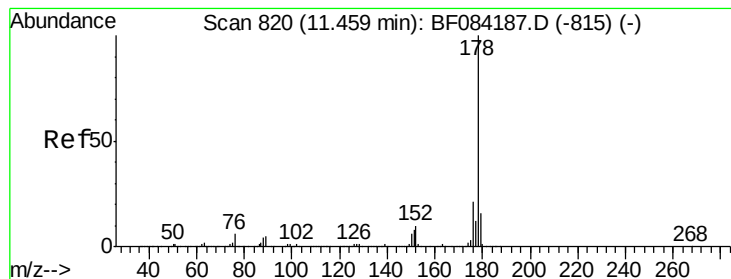
Tot Ion:198 Resp: 4359  
Ion Ratio Lower Upper  
198 100  
51 551.9 18.9 58.9#  
105 1589.6 26.4 66.4#



#65  
n-Nitrosodiphenylamine  
Concen: 11.25 ng  
RT: 10.53 min Scan# 739  
Delta R.T. -0.07 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Tgt Ion:169 Resp: 225840  
Ion Ratio Lower Upper  
169 100  
168 28.5 55.1 82.7#  
167 15.1 30.0 45.0#





#70

Phenanthrene

Concen: 11.55 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

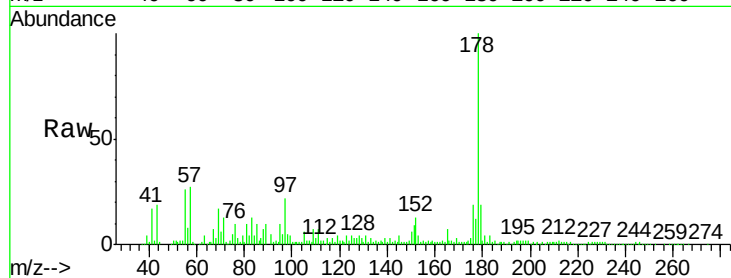
Tot Ion:178 Resp: 379206

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

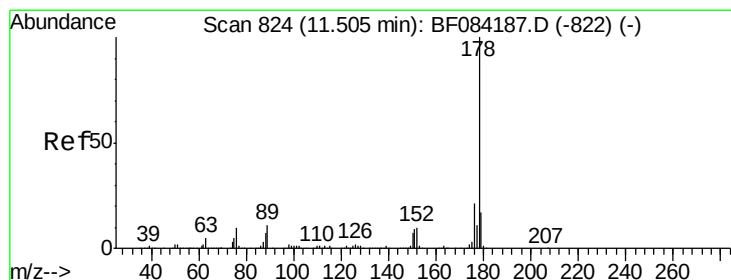
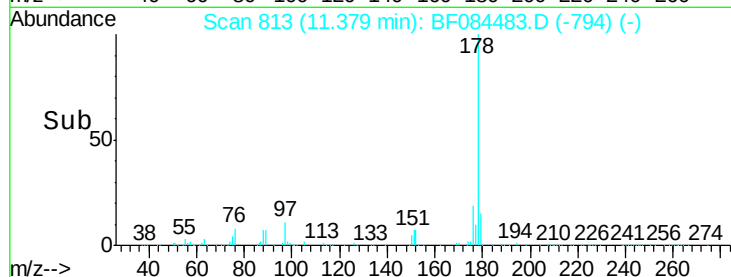
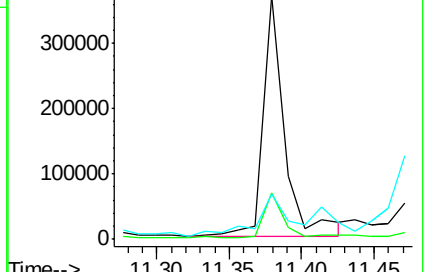
179 18.6 12.0 18.0#



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: 11.78 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.12 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

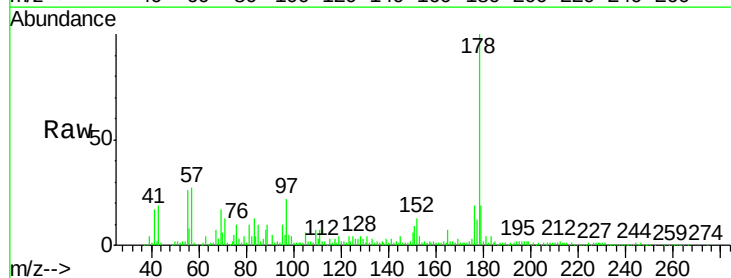
Tgt Ion:178 Resp: 379206

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

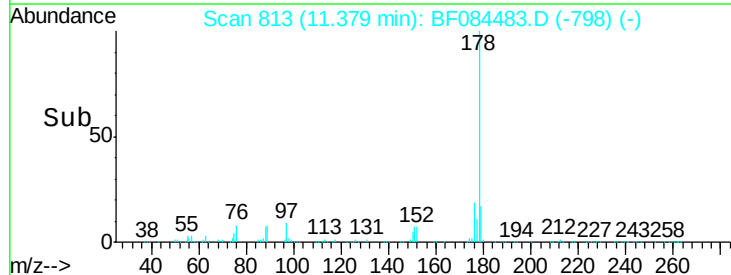
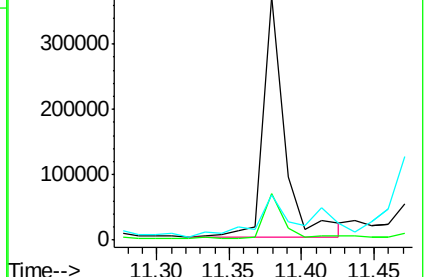
179 18.6 12.5 18.7



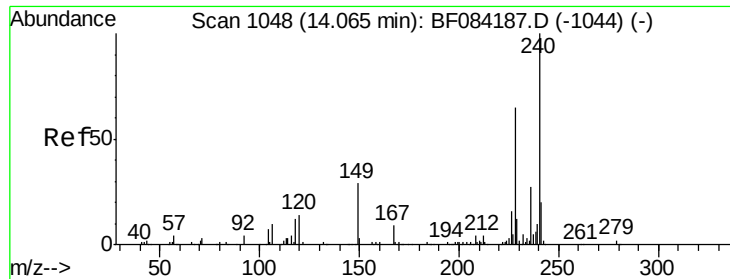
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.08 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

Instrument :

BNA\_F

ClientSampleId :

RX2DL

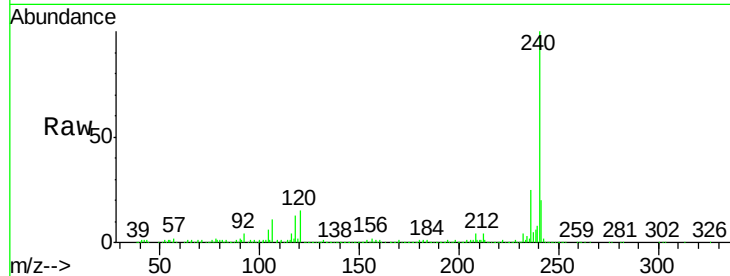
Tot Ion:240 Resp: 528297

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

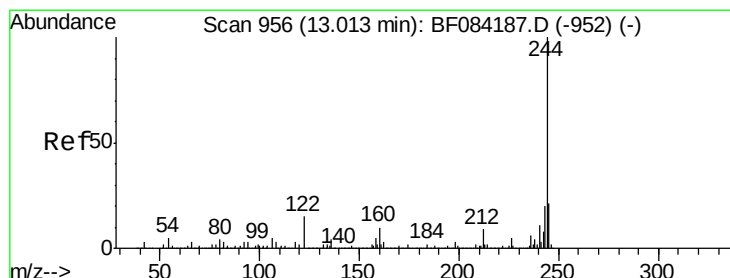
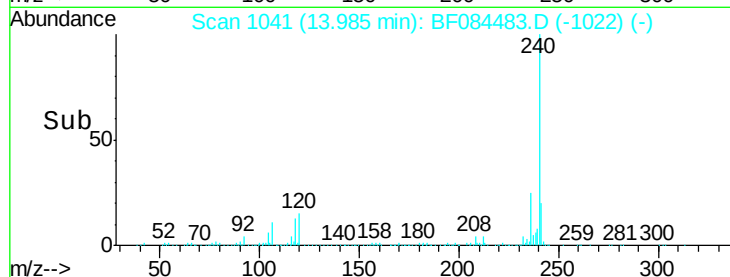
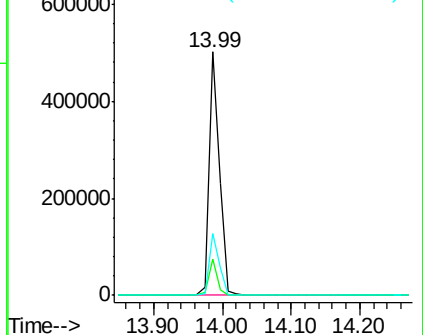
236 25.4 20.6 31.0



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



#78

Terphenyl-d14

Concen: 13.43 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.08 min

Lab File: BF084483.D

Acq: 14 Jan 2016 11:31

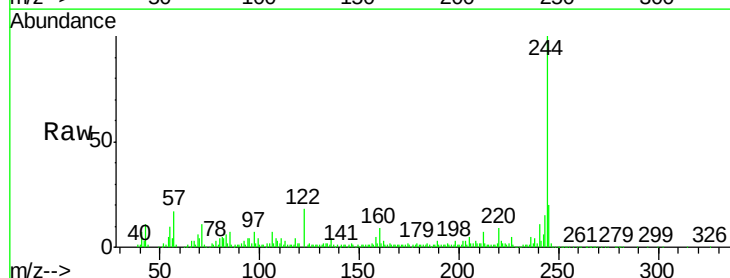
Tgt Ion:244 Resp: 317772

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

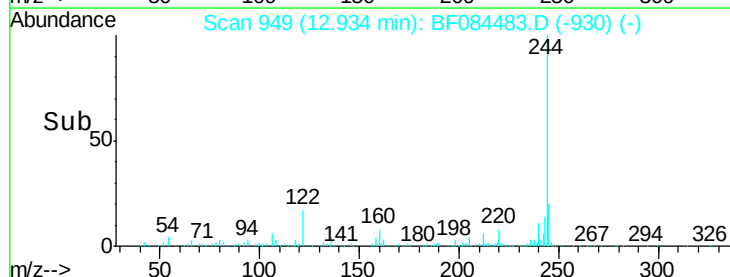
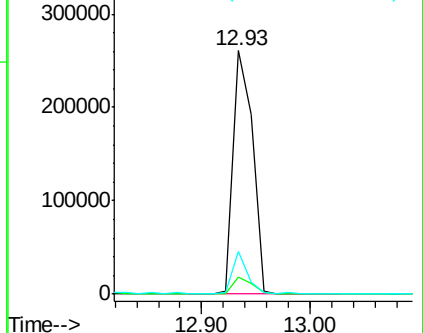
122 17.6 7.4 11.0#

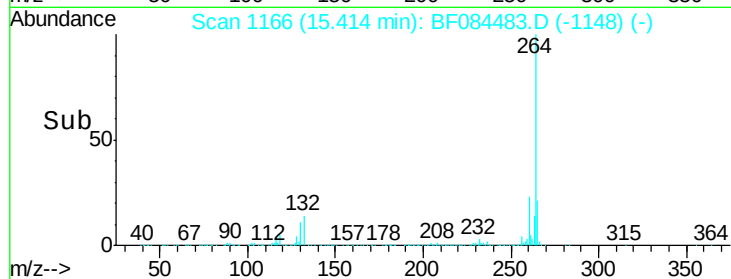
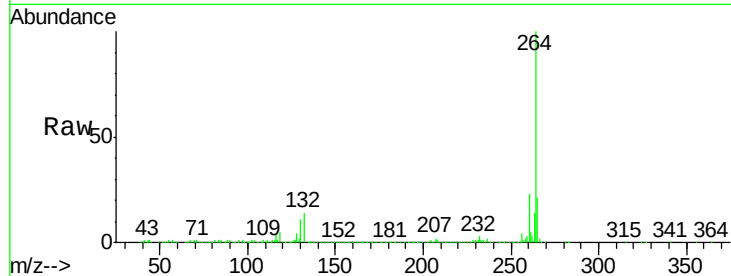
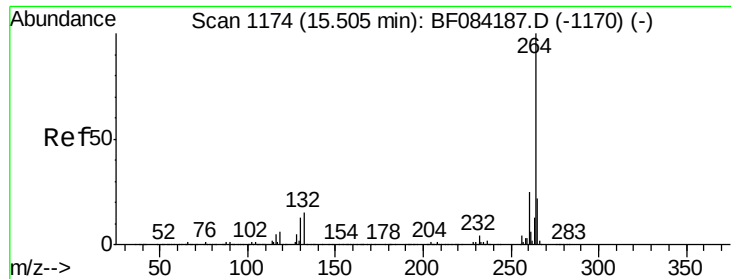


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.41 min Scan# 1166  
Delta R.T. -0.09 min  
Lab File: BF084483.D  
Acq: 14 Jan 2016 11:31

Instrument :  
BNA\_F  
ClientSampleId :  
RX2DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.4  | 29.2  |
| 265     | 21.0  | 17.8  | 26.6  |

