

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\  
 Data File : BF078285.D  
 Acq On : 7 Apr 2015 6:04  
 Operator : TP/IZ  
 Sample : G1779-09  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(3-5)

Quant Time: Apr 07 06:55:44 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 04:11:17 2015  
 Response via : Initial Calibration

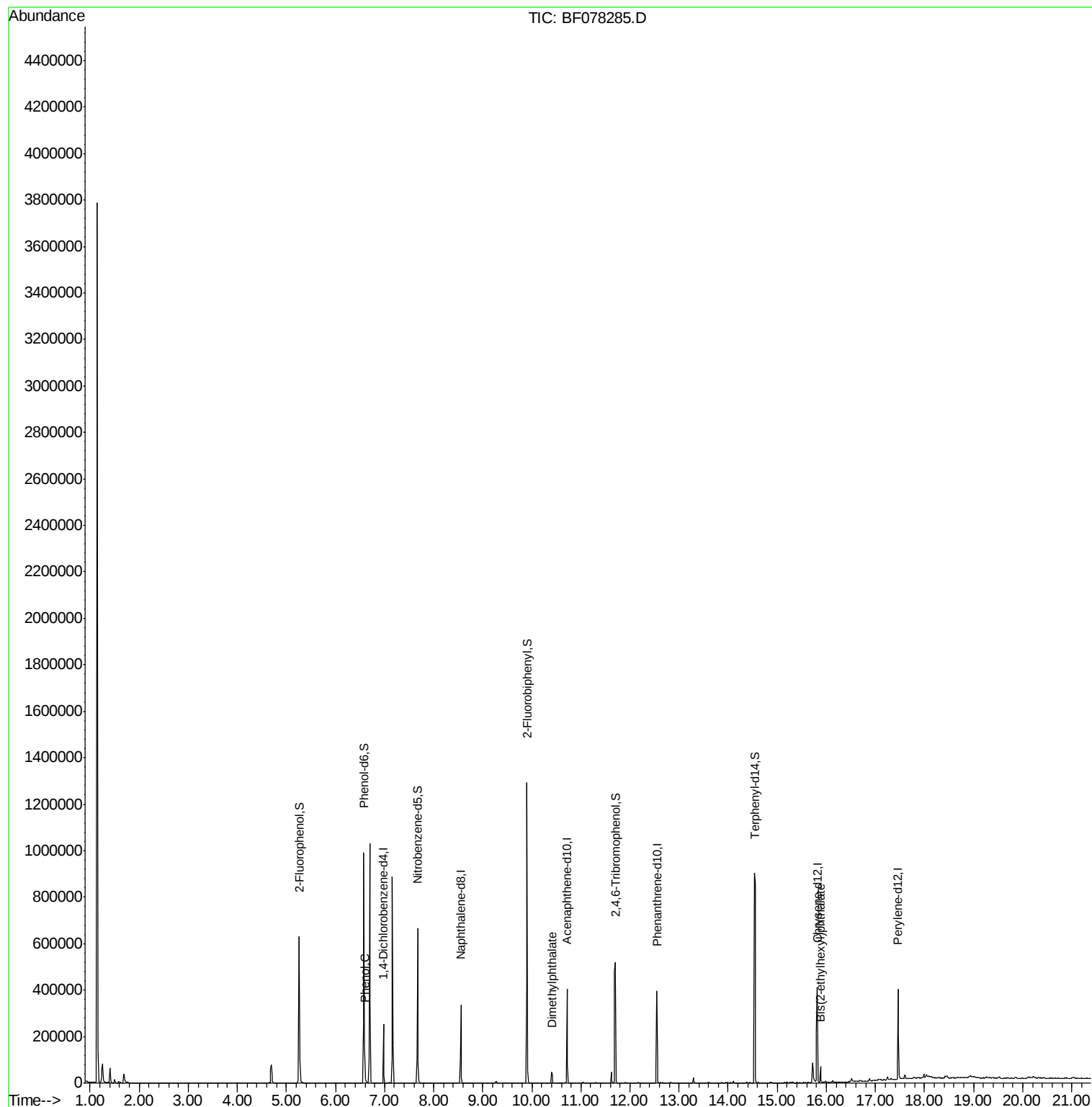
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.98  | 152  | 40800    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.56  | 136  | 166531   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.72 | 164  | 82899    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 12.55 | 188  | 156782   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 15.81 | 240  | 178960   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 17.46 | 264  | 171782   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.26  | 112  | 284496   | 114.97 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.58  | 99   | 377023   | 121.57 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.68  | 82   | 211174   | 76.86  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 11.70 | 330  | 89517    | 130.20 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.90  | 172  | 437360   | 75.41  | ng    | 0.00     |
| 78) Terphenyl-d14              | 14.55 | 244  | 457458   | 57.76  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.59  | 94   | 8755     | 2.36   | ng    | # 57     |
| 49) Dimethylphthalate          | 10.41 | 163  | 27846    | 4.47   | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.88 | 149  | 22934    | 3.41   | ng    | # 98     |

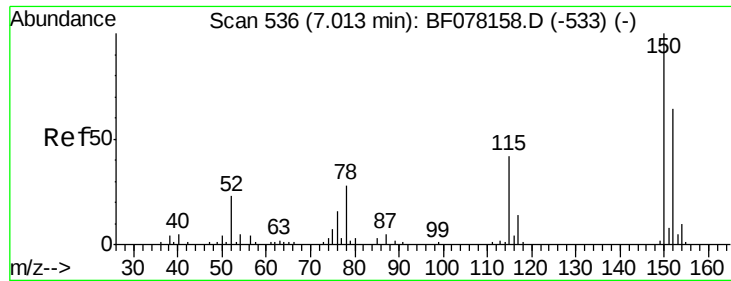
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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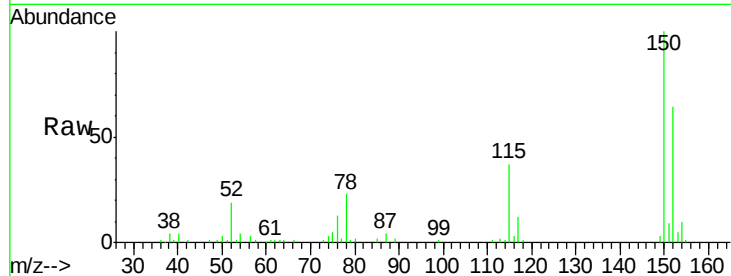


#1

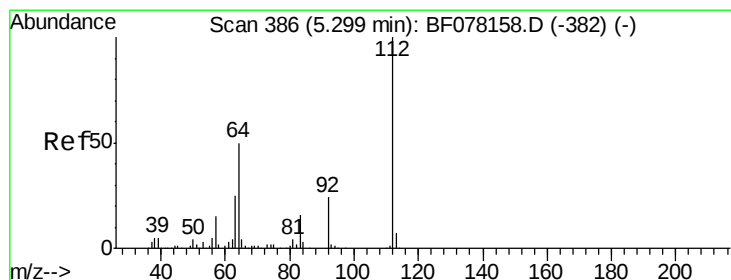
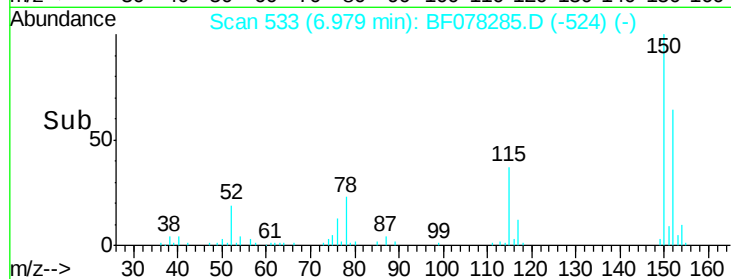
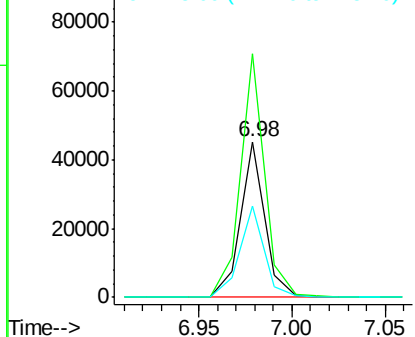
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.98 min Scan# 533  
Delta R.T. 0.00 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(3-5)

Tot Ion:152 Resp: 40800  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.9 188.9  
115 58.5 52.7 79.1



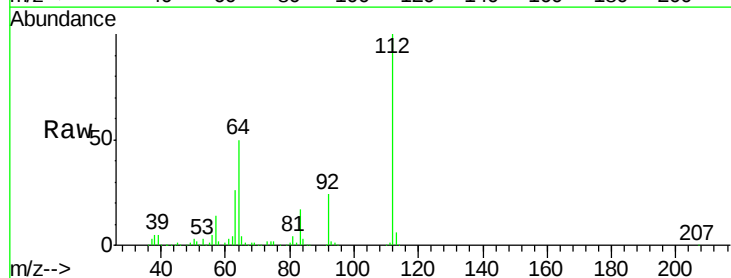
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



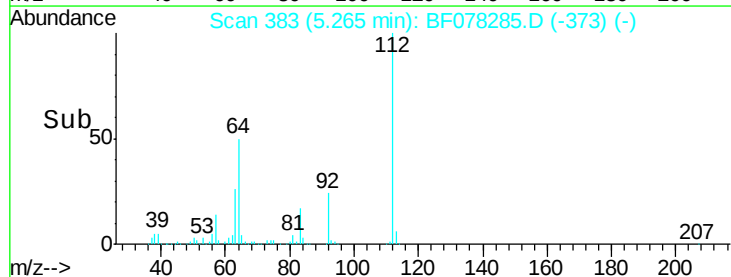
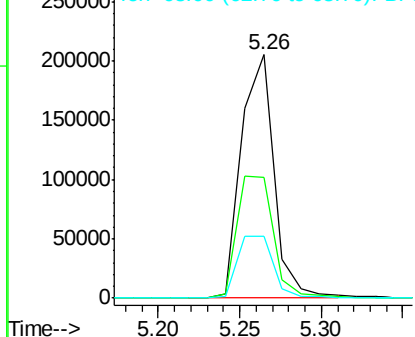
#5

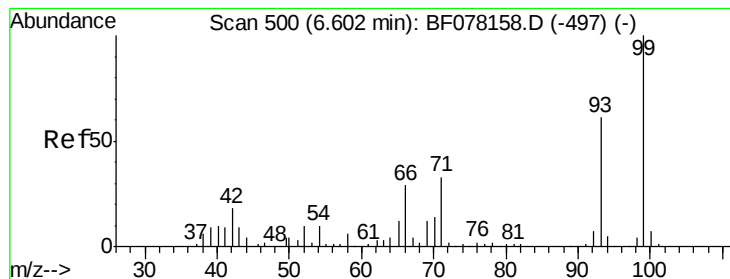
2-Fluorophenol  
Concen: 114.97 ng  
RT: 5.26 min Scan# 383  
Delta R.T. 0.01 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

Tgt Ion:112 Resp: 284496  
Ion Ratio Lower Upper  
112 100  
64 49.6 39.9 59.9  
63 25.6 20.2 30.4



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: 121.57 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

Instrument :

BNA\_F

ClientSampleId :

SB-1(3-5)

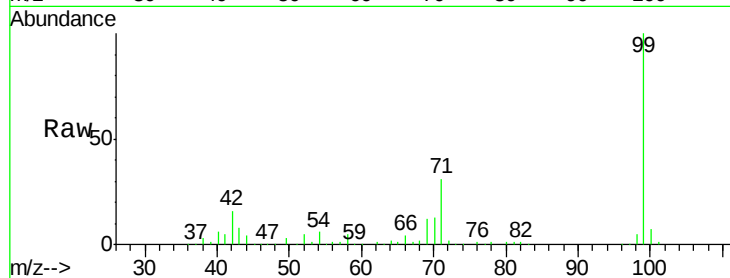
Tot Ion: 99 Resp: 377023

Ion Ratio Lower Upper

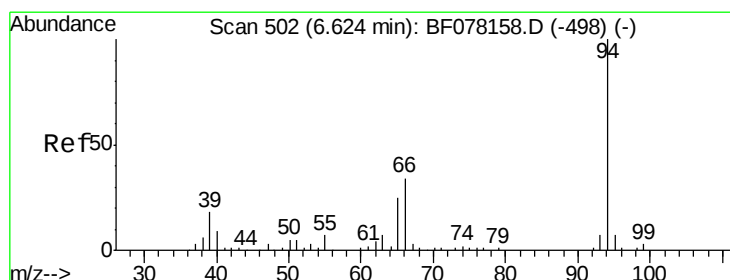
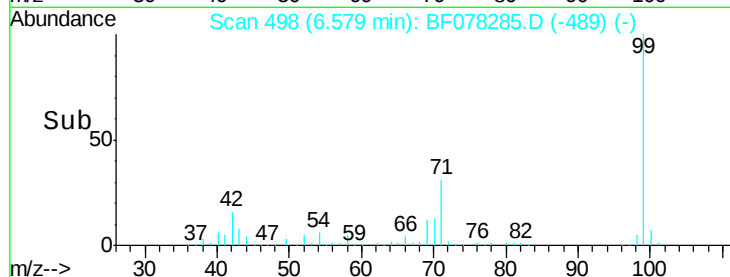
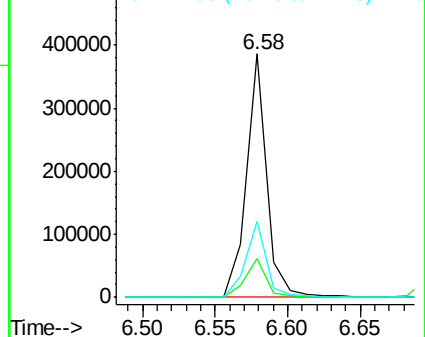
99 100

42 15.8 14.8 22.2

71 31.0 26.6 39.8



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



#10

Phenol

Concen: 2.36 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

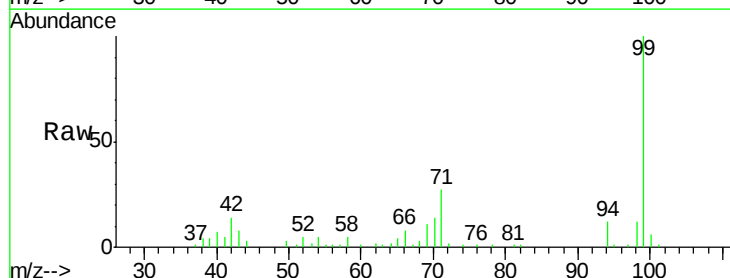
Tgt Ion: 94 Resp: 8755

Ion Ratio Lower Upper

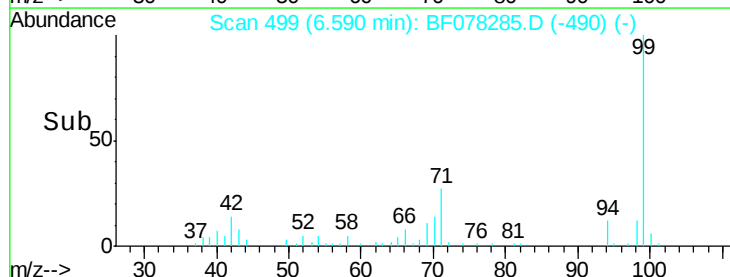
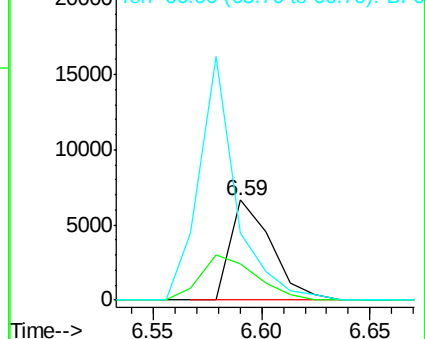
94 100

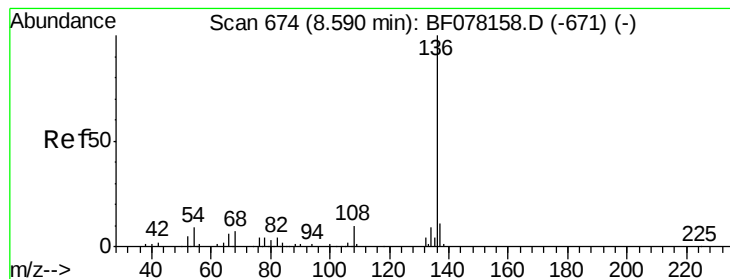
65 36.3 4.9 44.9

66 66.7 13.8 53.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

Instrument :

BNA\_F

ClientSampled :

SB-1(3-5)

Tot Ion:136 Resp: 166531

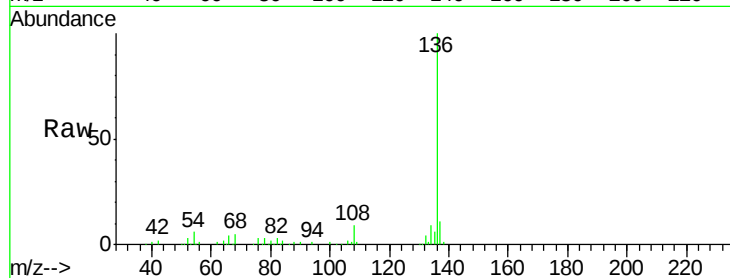
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.5 7.0 10.6#

68 5.2 5.4 8.2#

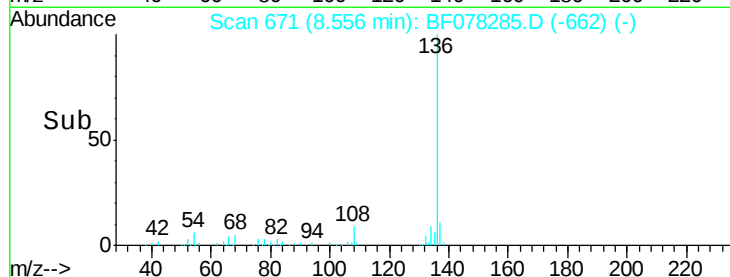


Abundance Ion 136.00 (135.70 to 136.70): E

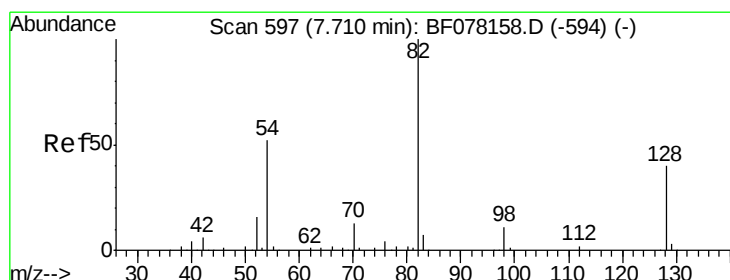
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.86 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

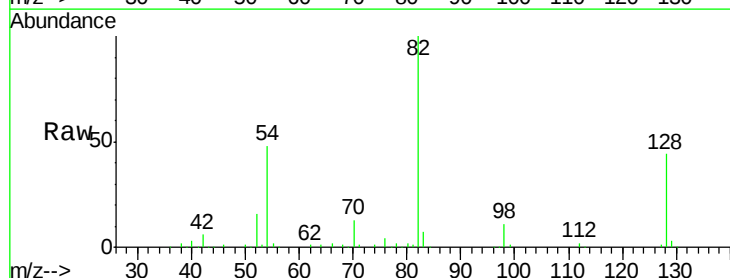
Tgt Ion: 82 Resp: 211174

Ion Ratio Lower Upper

82 100

128 43.9 31.8 47.8

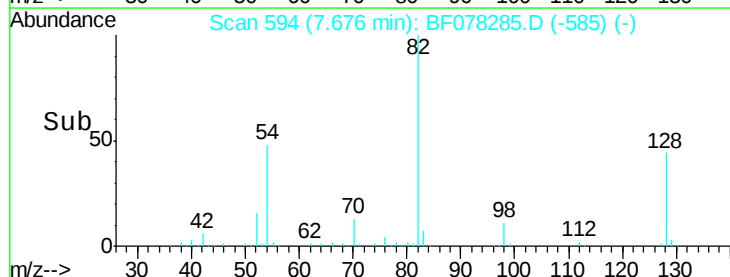
54 48.5 41.5 62.3



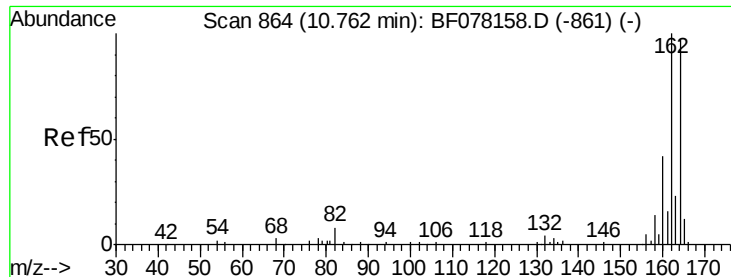
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



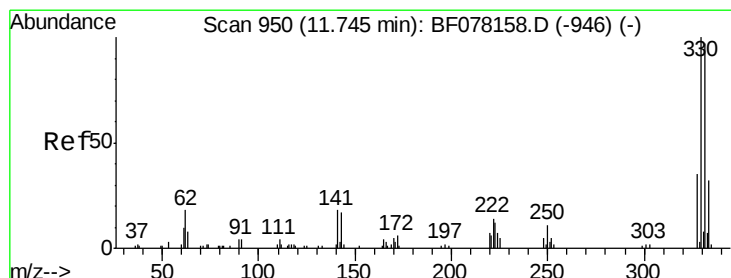
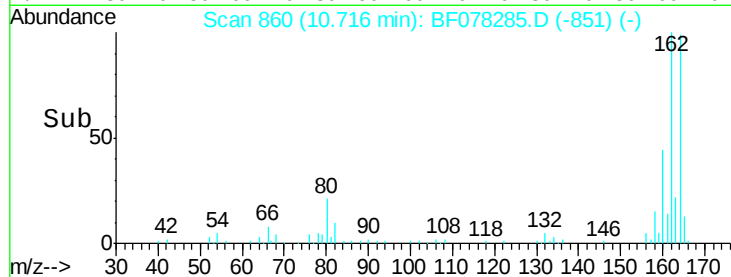
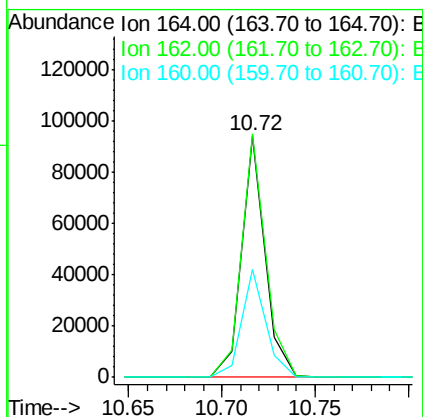
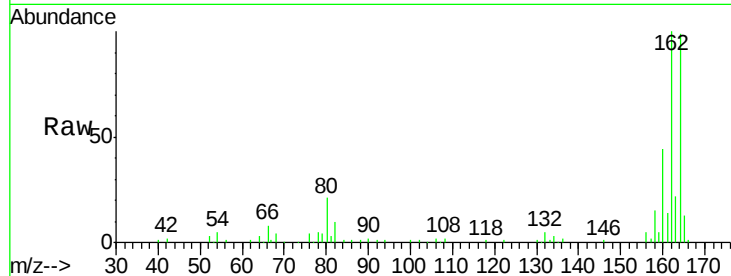
Time-->



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.72 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BF078285.D  
 Acq: 7 Apr 2015 6:04

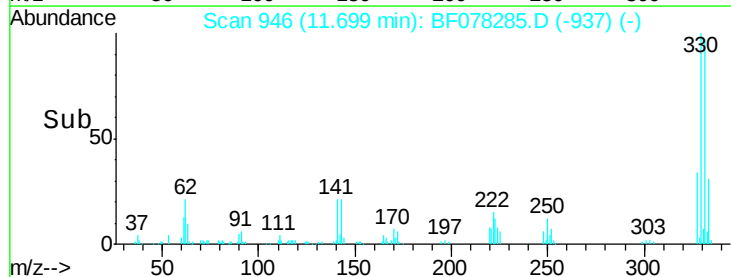
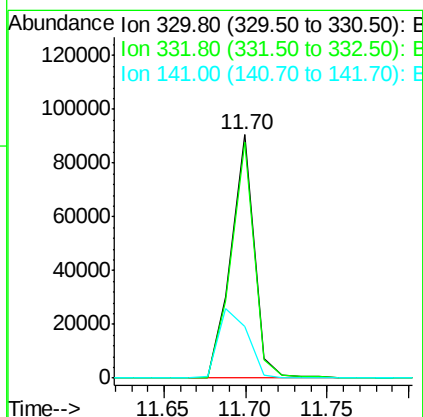
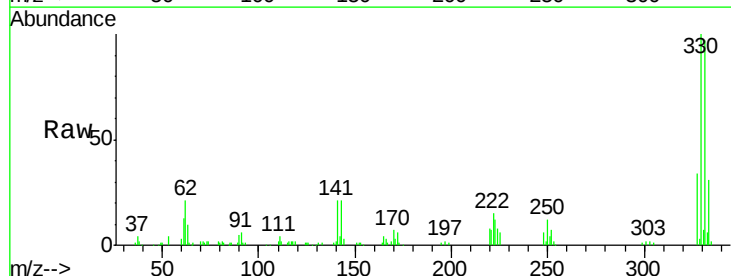
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(3-5)

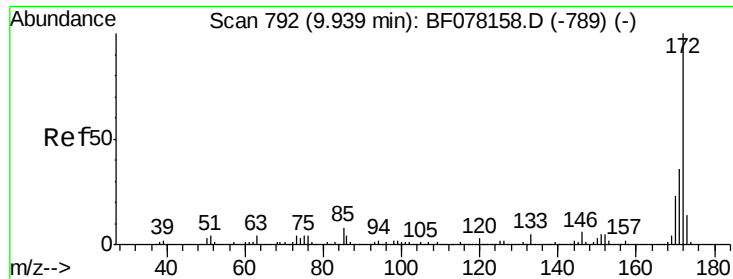
Tot Ion:164 Resp: 82899  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 82.2 123.2  
 160 44.7 34.7 52.1



#41  
 2,4,6-Tribromophenol  
 Concen: 130.20 ng  
 RT: 11.70 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: BF078285.D  
 Acq: 7 Apr 2015 6:04

Tgt Ion:330 Resp: 89517  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 78.6 117.8  
 141 36.4 31.2 46.8

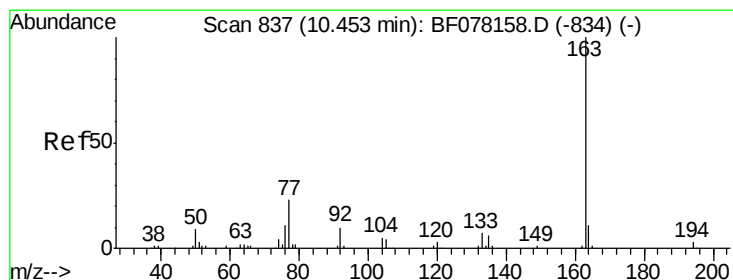
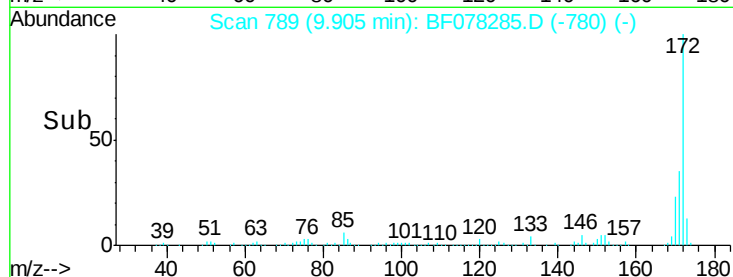
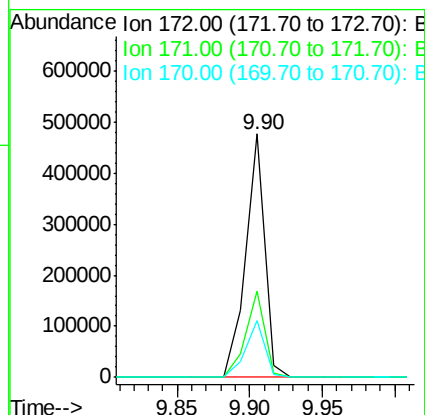
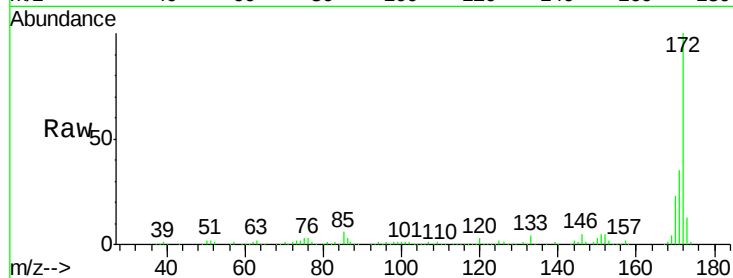




#44  
2-Fluorobiphenyl  
Concen: 75.41 ng  
RT: 9.90 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

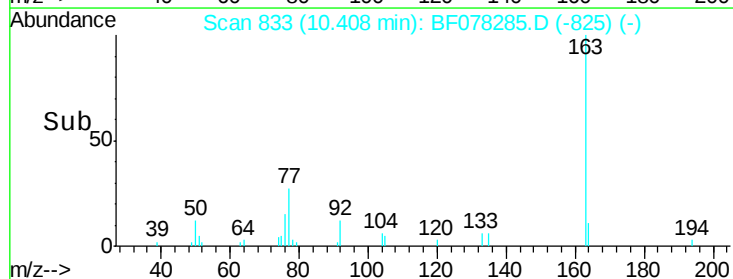
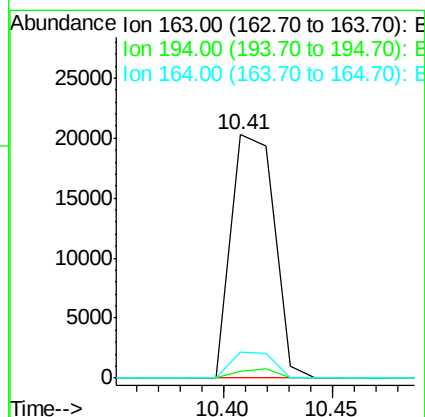
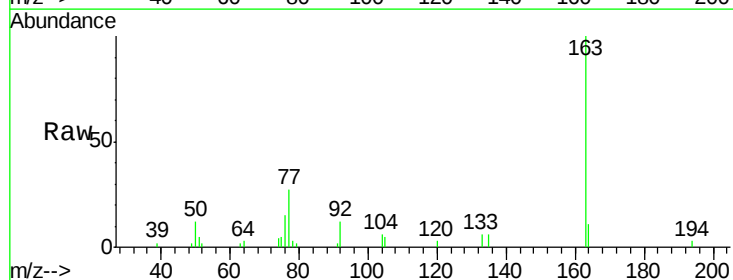
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(3-5)

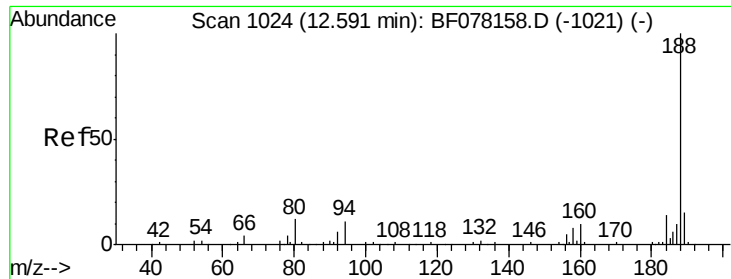
Tot Ion:172 Resp: 437360  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 42.8  
170 23.4 18.5 27.7



#49  
Dimethylphthalate  
Concen: 4.47 ng  
RT: 10.41 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

Tgt Ion:163 Resp: 27846  
Ion Ratio Lower Upper  
163 100  
194 2.8 2.3 3.5  
164 10.7 8.6 13.0

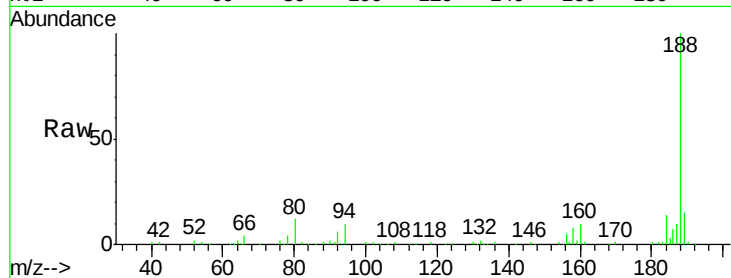




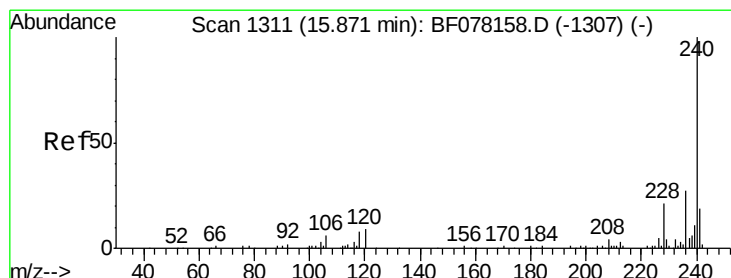
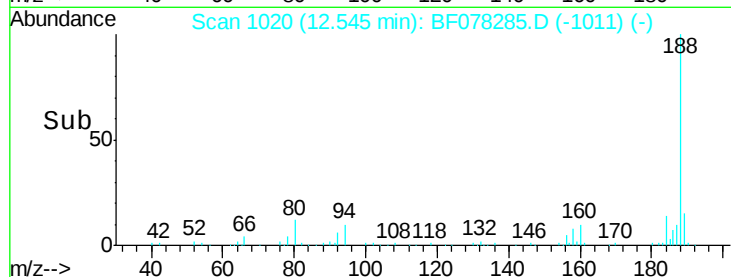
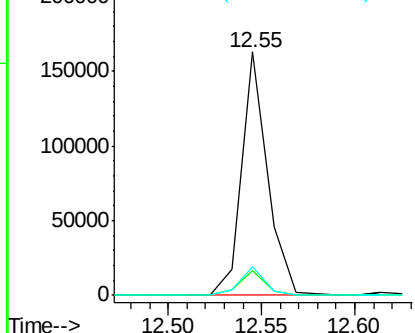
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.55 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(3-5)

Tot Ion:188 Resp: 156782  
Ion Ratio Lower Upper  
188 100  
94 10.1 9.0 13.4  
80 11.6 9.5 14.3

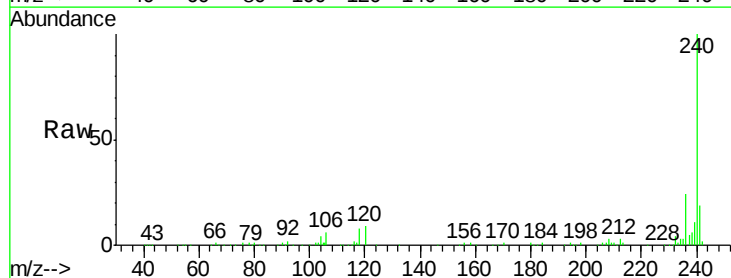


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

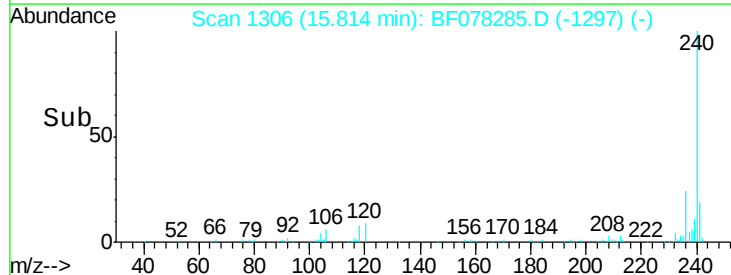
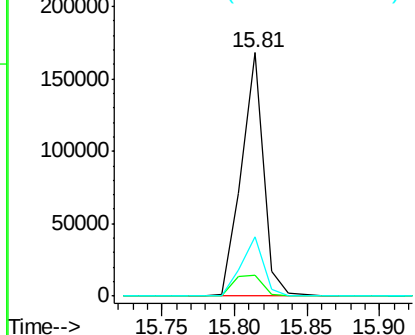


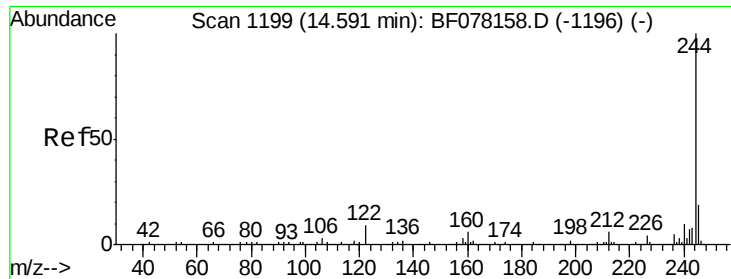
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.81 min Scan# 1306  
Delta R.T. 0.00 min  
Lab File: BF078285.D  
Acq: 7 Apr 2015 6:04

Tgt Ion:240 Resp: 178960  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.1 10.7  
236 24.2 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.76 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

Instrument :

BNA\_F

ClientSampleId :

SB-1(3-5)

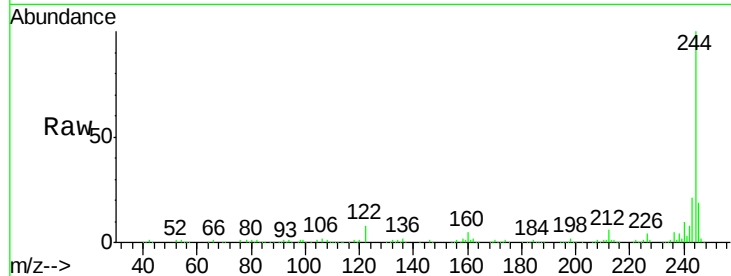
Tot Ion:244 Resp: 457458

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

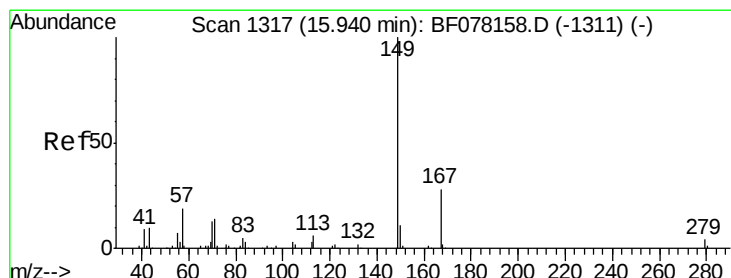
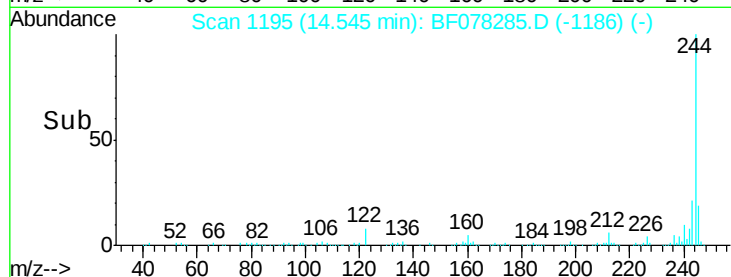
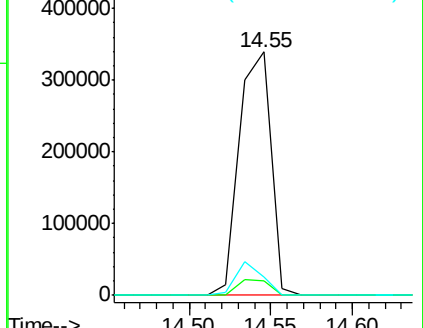
122 7.6 7.1 10.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.41 ng

RT: 15.88 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF078285.D

Acq: 7 Apr 2015 6:04

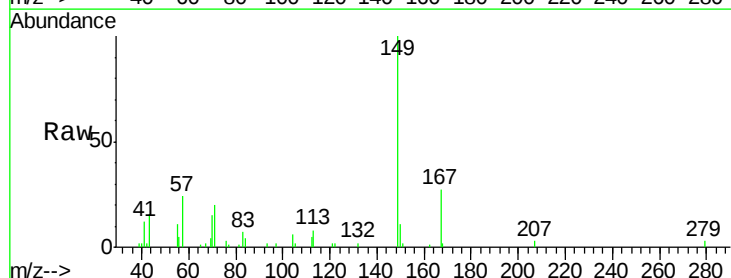
Tgt Ion:149 Resp: 22934

Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.2

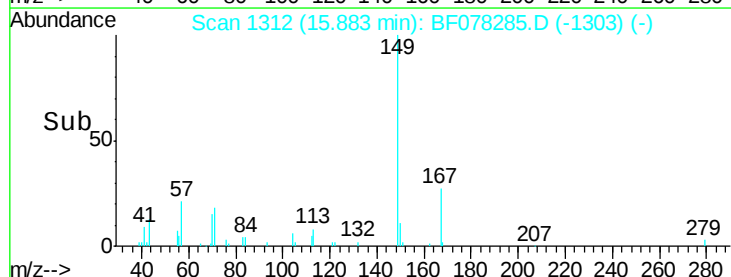
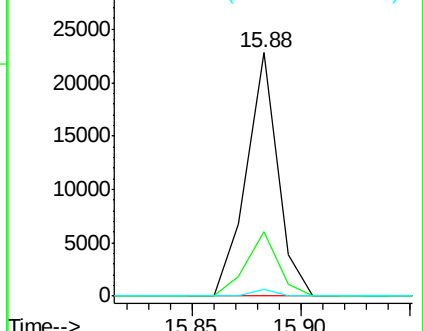
279 2.8 3.2 4.8#

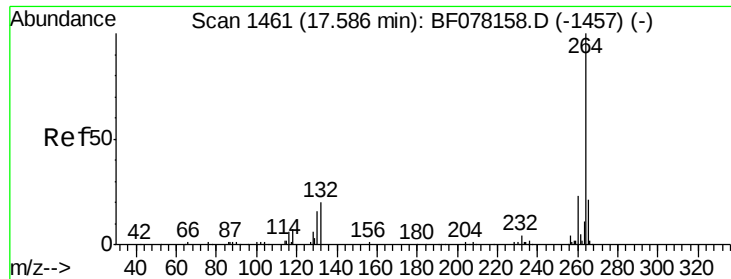


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

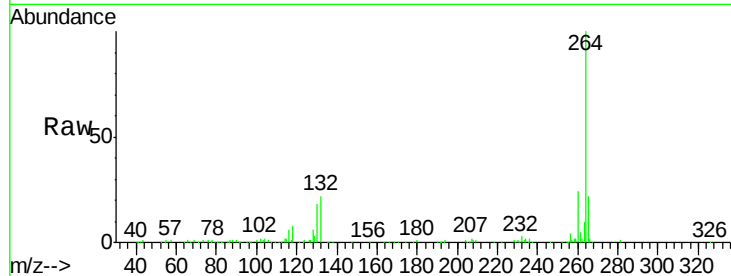




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 17.46 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF078285.D  
 Acq: 7 Apr 2015 6:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(3-5)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 18.6  | 27.8  |
| 265     | 21.6  | 17.0  | 25.6  |



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

