

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078825.D
 Acq On : 29 Apr 2015 20:52
 Operator : TP/IZ
 Sample : G2003-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-118(48-50)

Quant Time: Apr 30 01:56:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

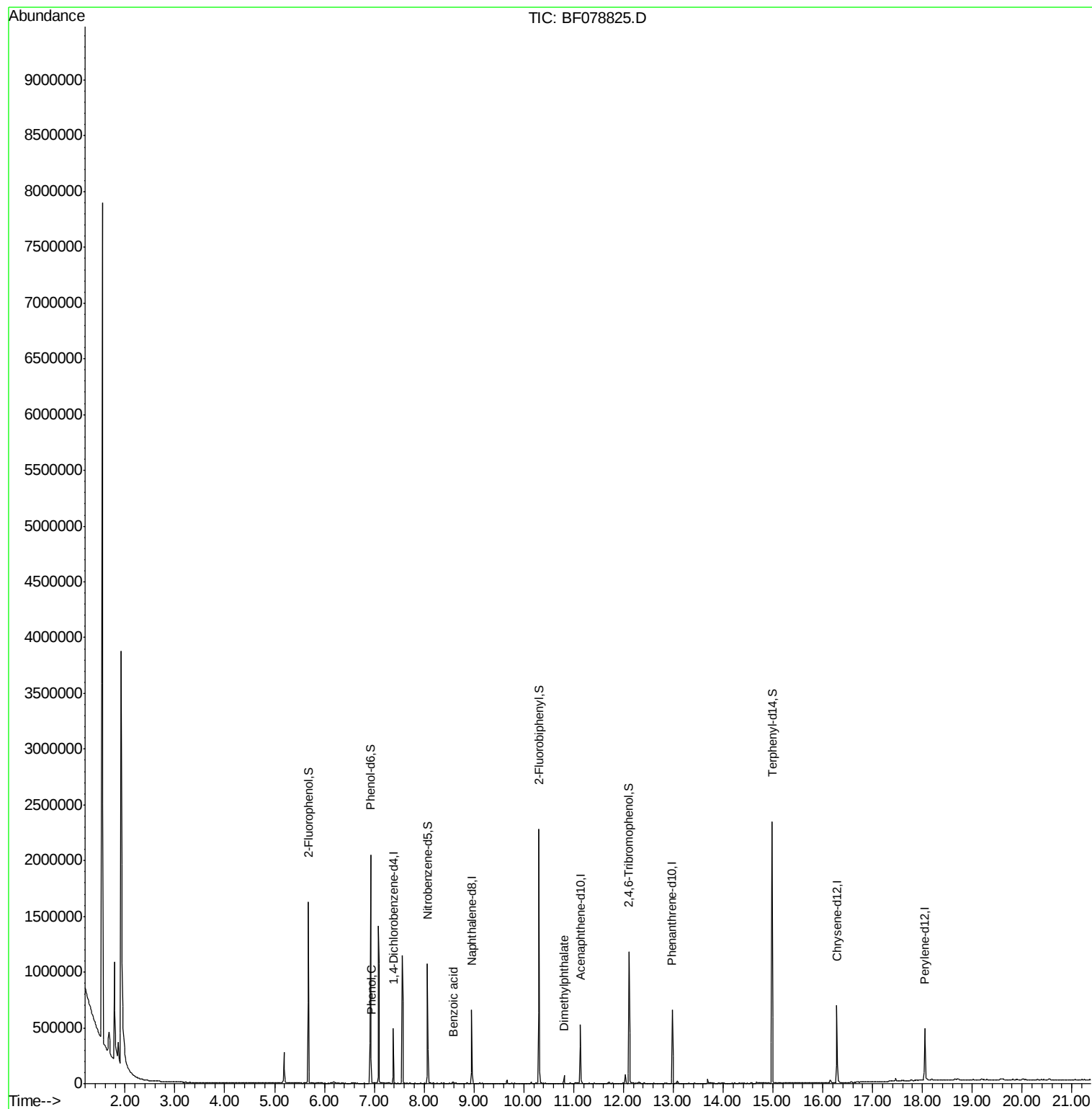
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	68956	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	283224	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	129259	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	255993	20.00	ng	0.00
75) Chrysene-d12	16.29	240	263030	20.00	ng	-0.01
86) Perylene-d12	18.05	264	259605	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	488849	130.21	ng	0.00
7) Phenol-d6	6.92	99	631391	125.92	ng	0.00
23) Nitrobenzene-d5	8.07	82	330693	84.07	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	146836	114.90	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	703120	74.49	ng	0.00
78) Terphenyl-d14	14.98	244	786003	71.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.94	94	18581	3.14	ng	84
32) Benzoic acid	8.58	122	4653	3.89	ng	92
49) Dimethylphthalate	10.81	163	28151	3.06	ng	100

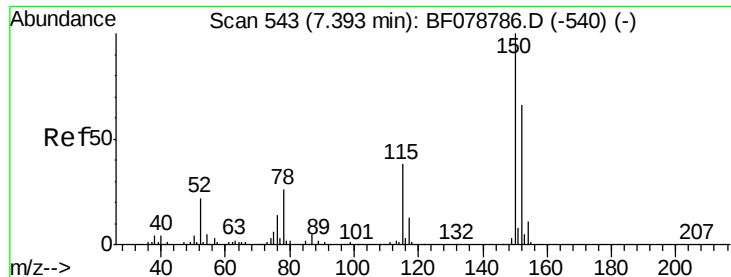
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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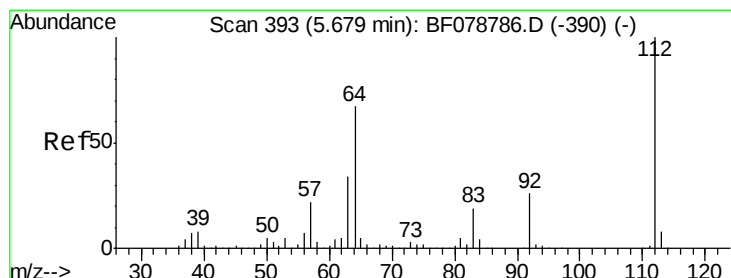
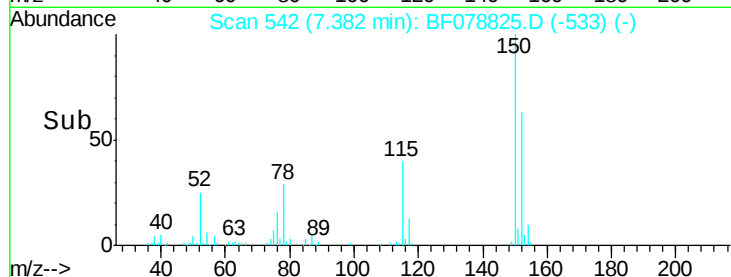
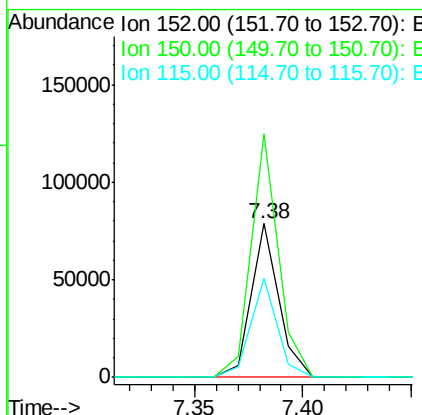
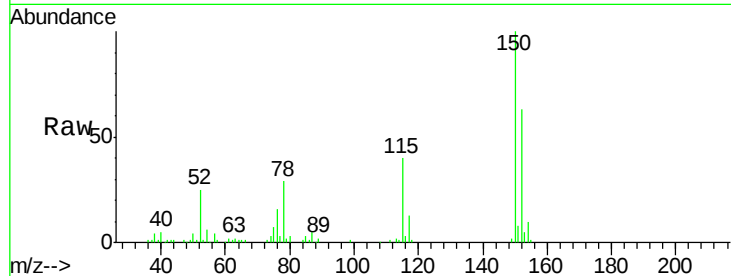


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078825.D
Acq: 29 Apr 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-118(48-50)

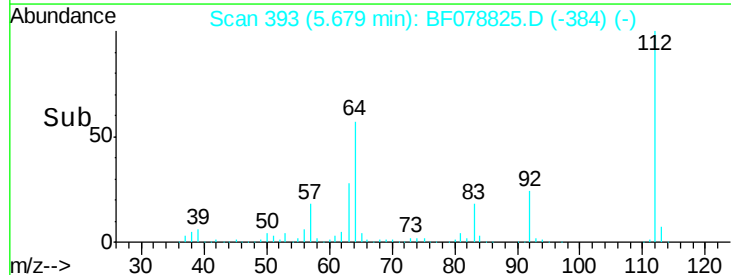
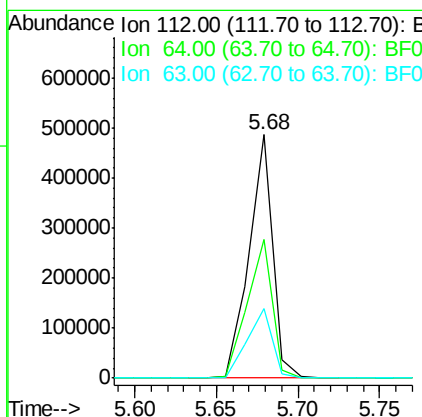
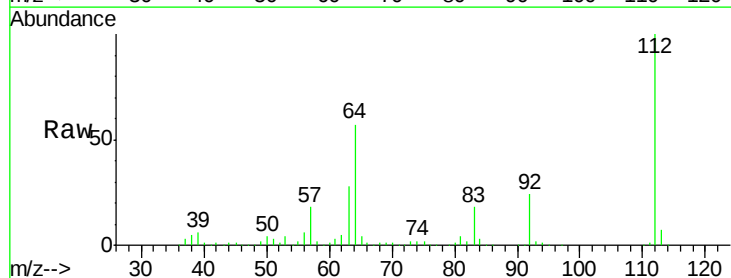
Tot Ion:152 Resp: 68956
Ion Ratio Lower Upper
152 100
150 158.4 122.0 183.0
115 64.0 46.3 69.5

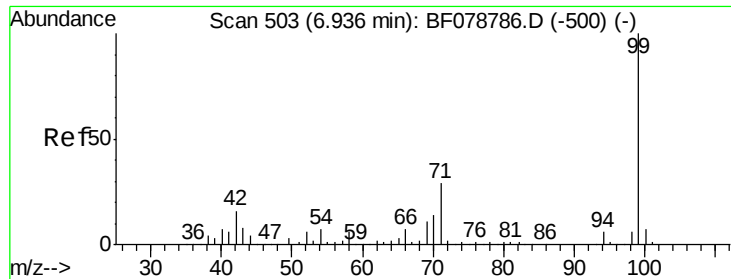


#5

2-Fluorophenol
Concen: 130.21 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF078825.D
Acq: 29 Apr 2015 20:52

Tgt Ion:112 Resp: 488849
Ion Ratio Lower Upper
112 100
64 56.8 53.5 80.3
63 28.5 27.5 41.3





#7

Phenol-d6

Concen: 125.92 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

Instrument :

BNA_F

ClientSampleId :

SB-118(48-50)

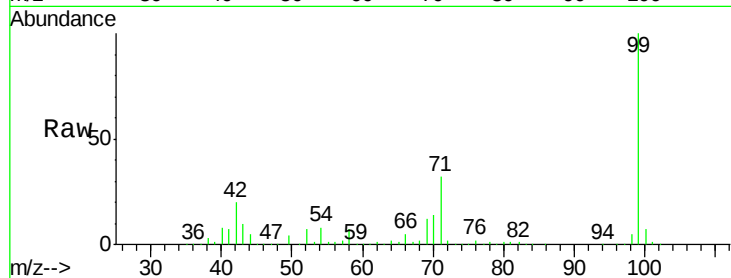
Tot Ion: 99 Resp: 631391

Ion Ratio Lower Upper

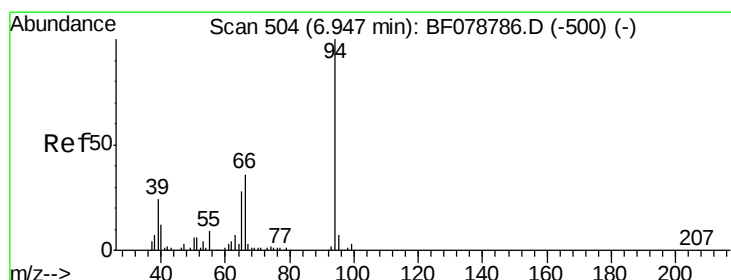
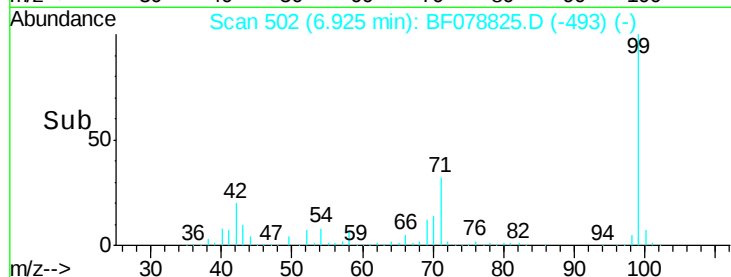
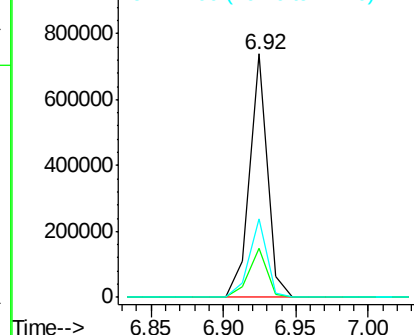
99 100

42 19.9 12.8 19.2#

71 32.1 23.4 35.2



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: 3.14 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

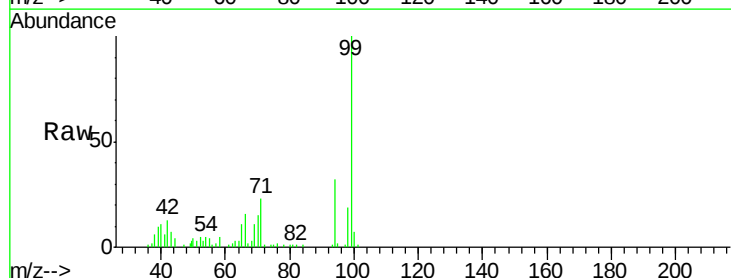
Tgt Ion: 94 Resp: 18581

Ion Ratio Lower Upper

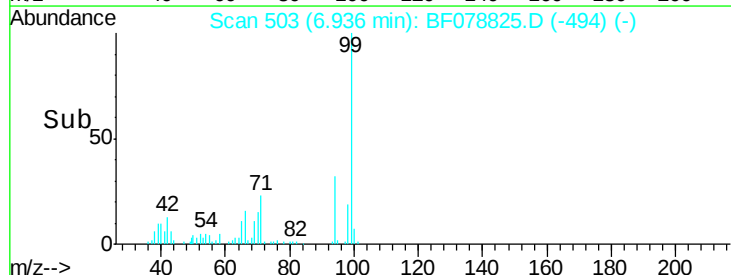
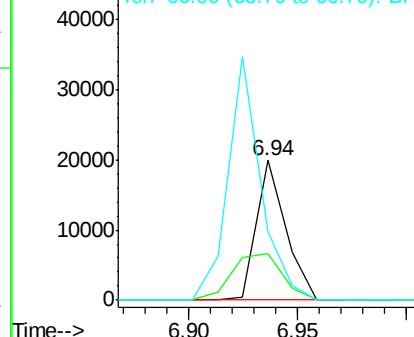
94 100

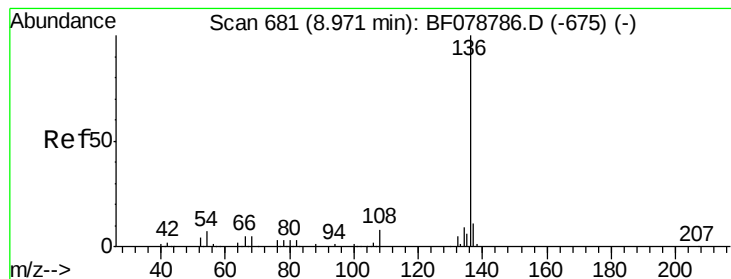
65 33.2 8.5 48.5

66 48.5 16.0 56.0



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: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

Instrument :

BNA_F

ClientSampleId :

SB-118(48-50)

Tot Ion:136 Resp: 283224

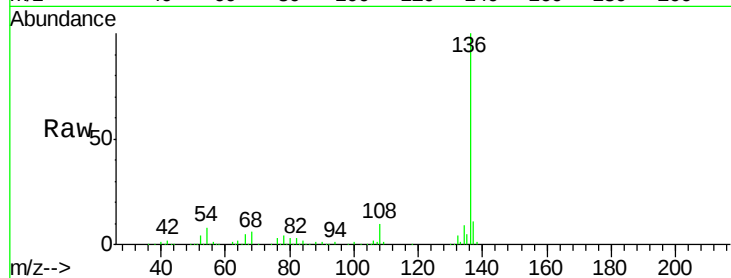
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.2 5.8 8.8

68 6.0 4.2 6.4

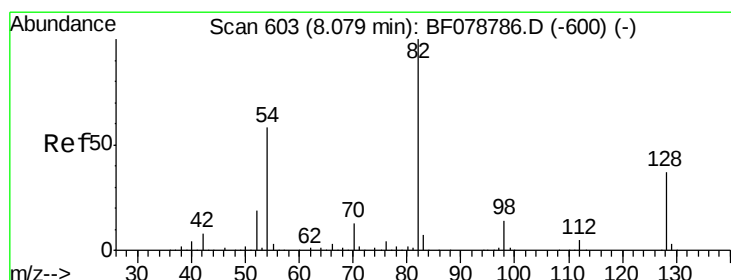
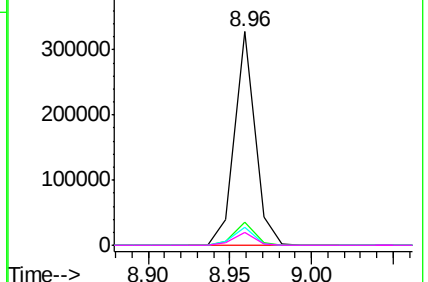
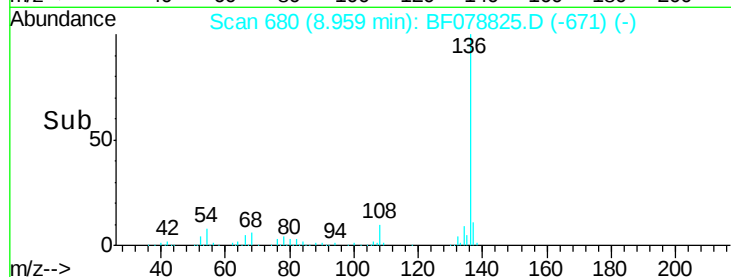


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.07 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

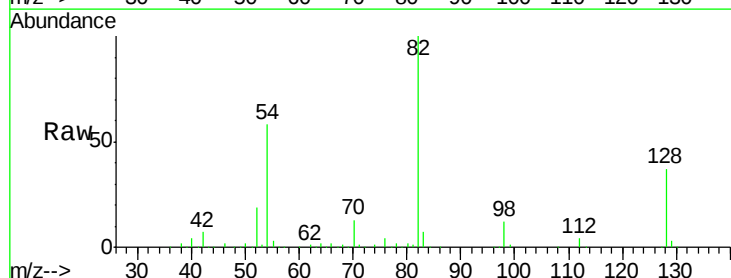
Tgt Ion: 82 Resp: 330693

Ion Ratio Lower Upper

82 100

128 36.6 30.0 45.0

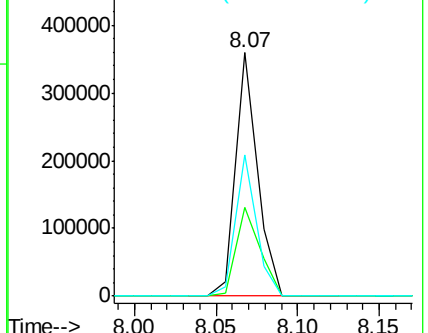
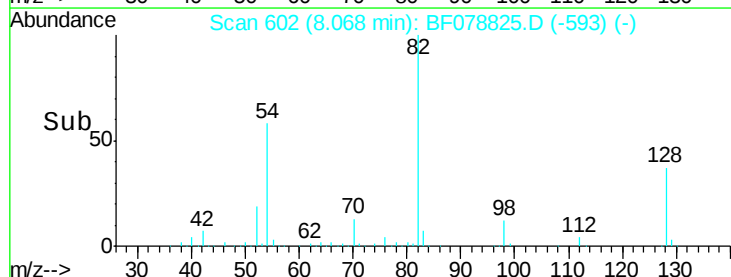
54 58.2 46.4 69.6

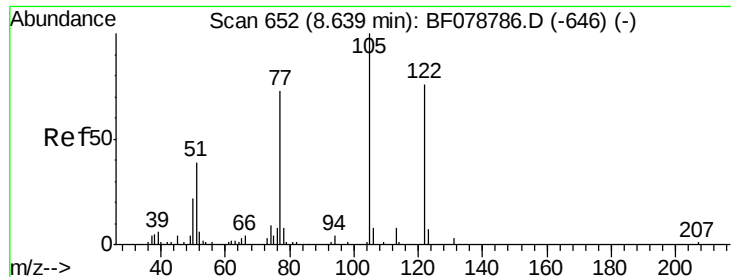


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

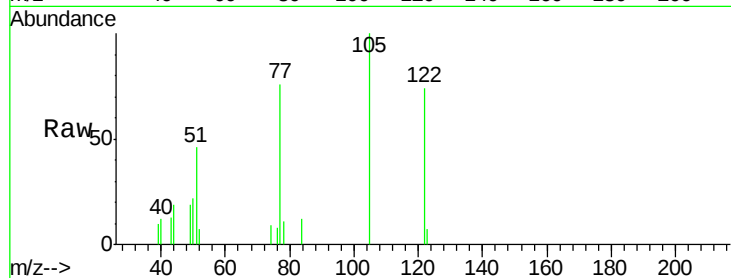




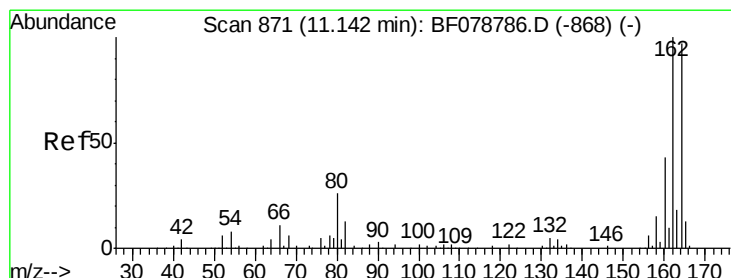
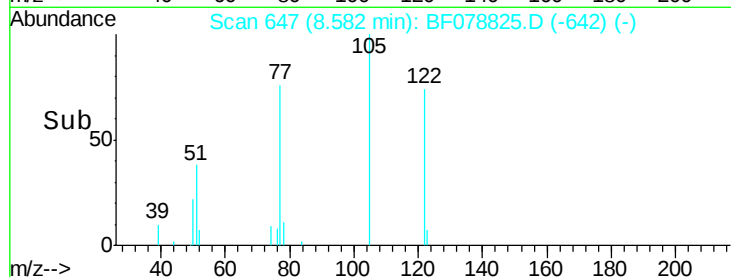
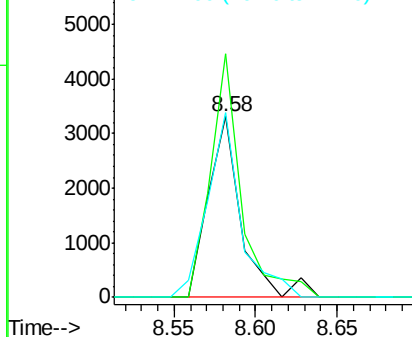
#32
Benzoic acid
Concen: 3.89 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF078825.D
Acq: 29 Apr 2015 20:52

Instrument :
BNA_F
ClientSampleId :
SB-118(48-50)

Tot Ion:122 Resp: 4653
Ion Ratio Lower Upper
122 100
105 134.9 107.1 147.1
77 102.3 73.9 113.9

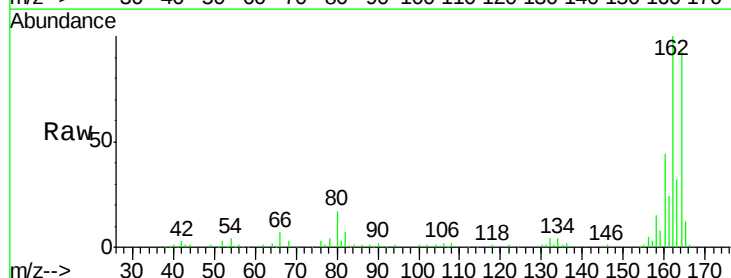


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

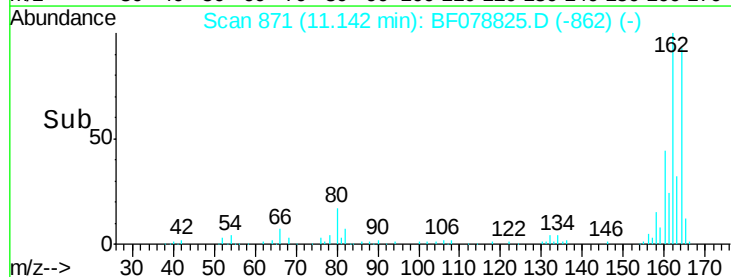
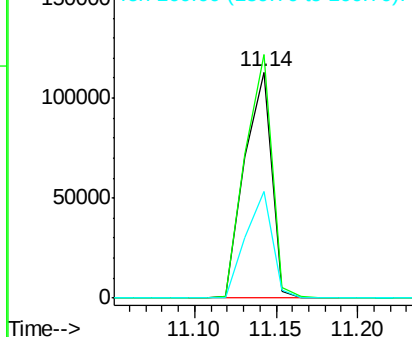


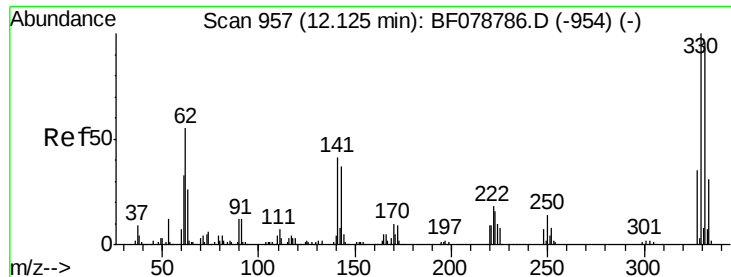
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078825.D
Acq: 29 Apr 2015 20:52

Tgt Ion:164 Resp: 129259
Ion Ratio Lower Upper
164 100
162 107.7 82.7 124.1
160 47.1 35.8 53.8



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

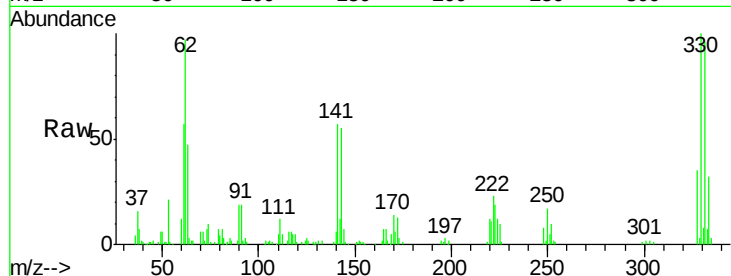




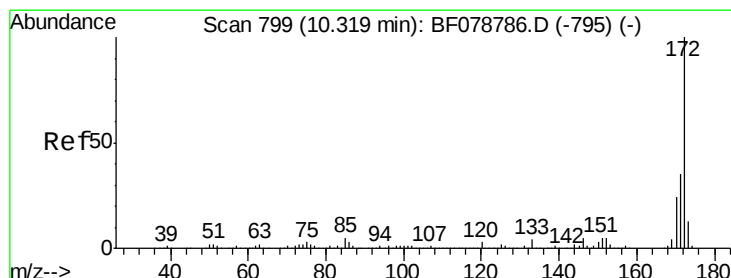
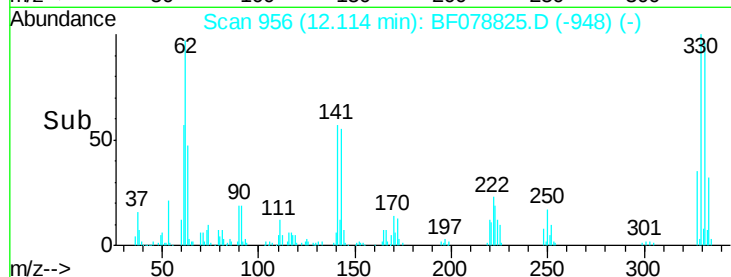
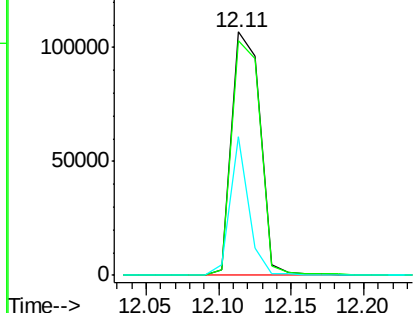
#41
 2,4,6-Tribromophenol
 Concen: 114.90 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078825.D
 Acq: 29 Apr 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-118(48-50)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	36.8	0.0	0.0#

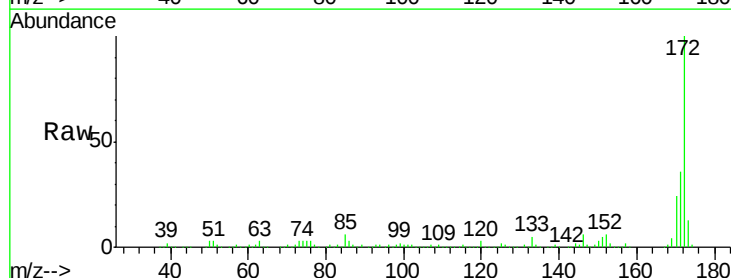


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

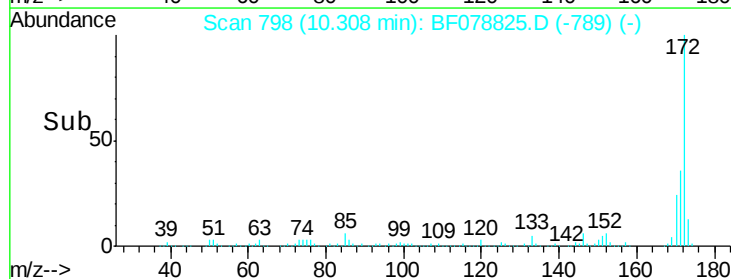
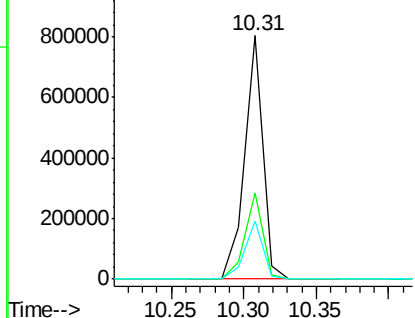


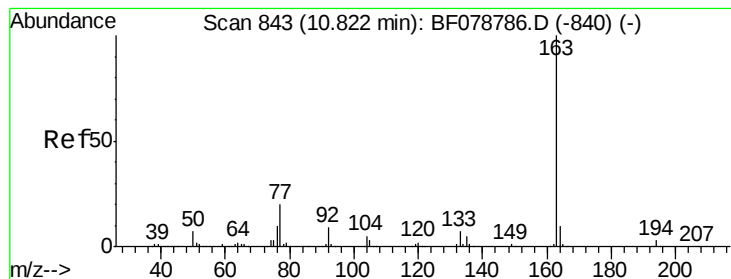
#44
 2-Fluorobiphenyl
 Concen: 74.49 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078825.D
 Acq: 29 Apr 2015 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.1	19.4	29.0



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





#49

Dimethylphthalate

Concen: 3.06 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

Instrument :

BNA_F

ClientSampleId :

SB-118(48-50)

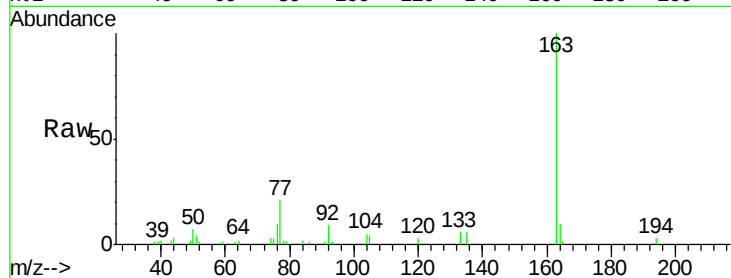
Tot Ion:163 Resp: 28151

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

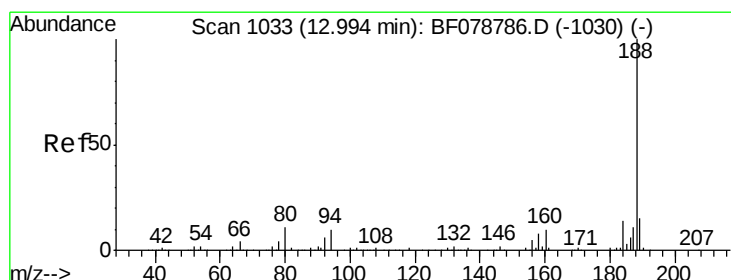
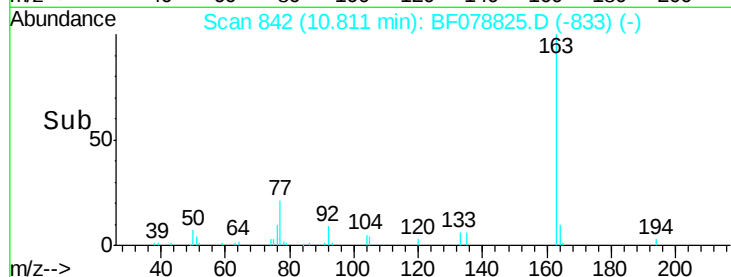
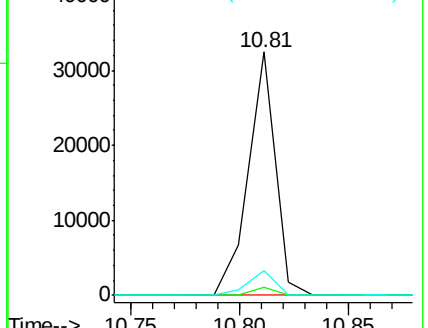
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.98 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

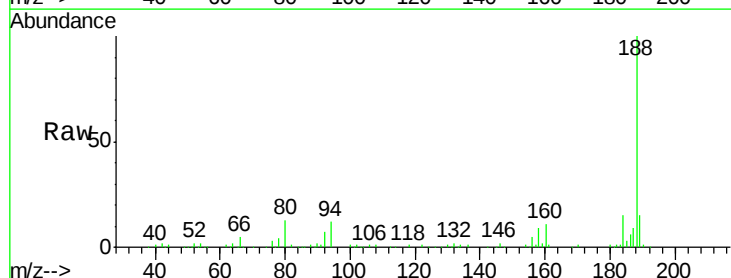
Tgt Ion:188 Resp: 255993

Ion Ratio Lower Upper

188 100

94 12.1 8.2 12.2

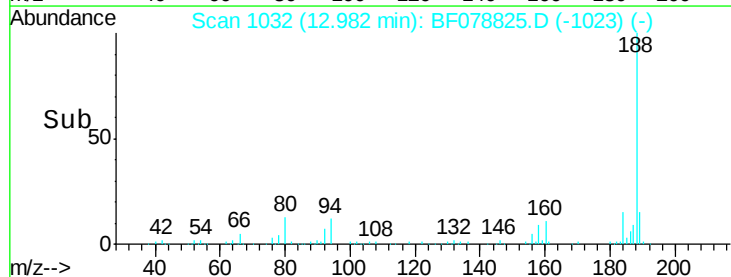
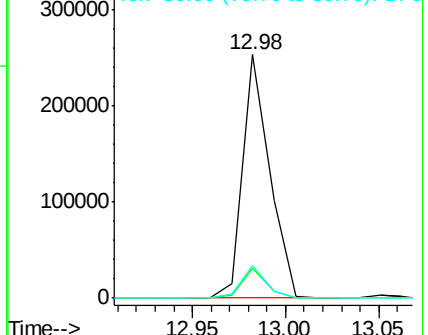
80 13.2 8.9 13.3

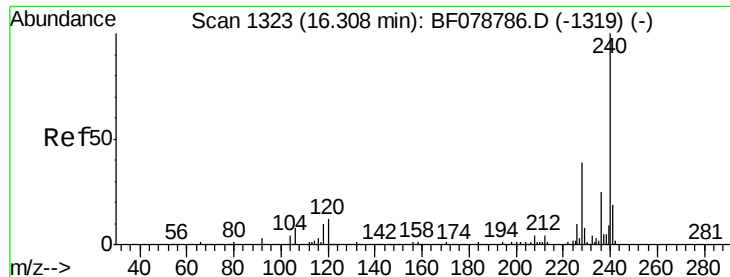


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

Instrument :

BNA_F

ClientSampleId :

SB-118(48-50)

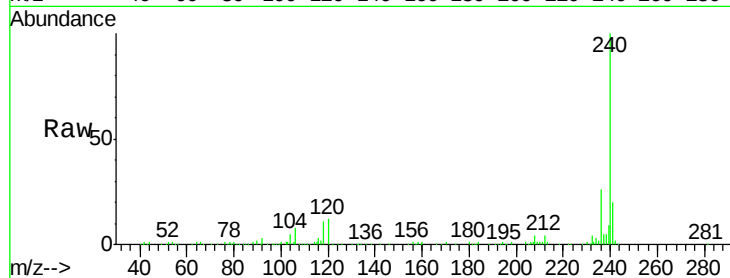
Tot Ion:240 Resp: 263030

Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

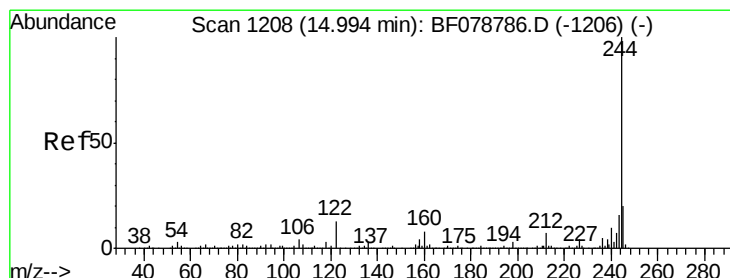
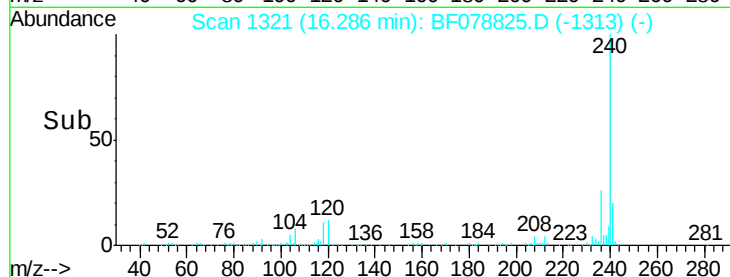
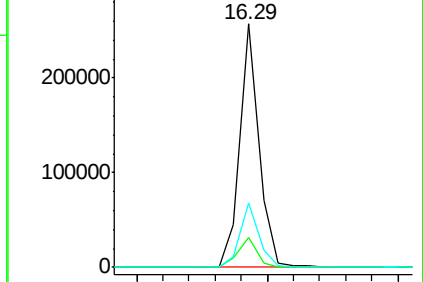
236 26.2 20.2 30.4



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: 71.17 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078825.D

Acq: 29 Apr 2015 20:52

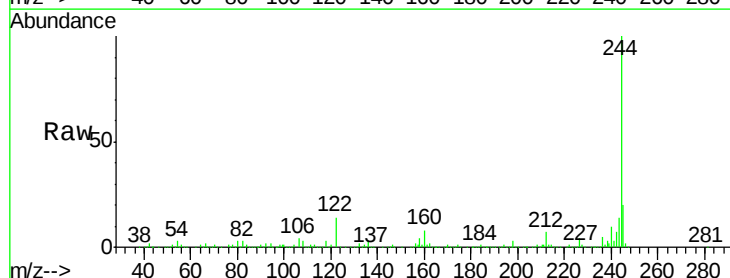
Tgt Ion:244 Resp: 786003

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

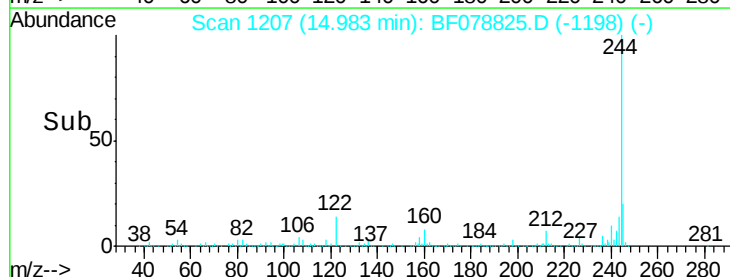
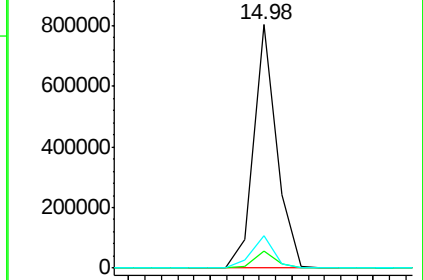
122 13.6 10.3 15.5

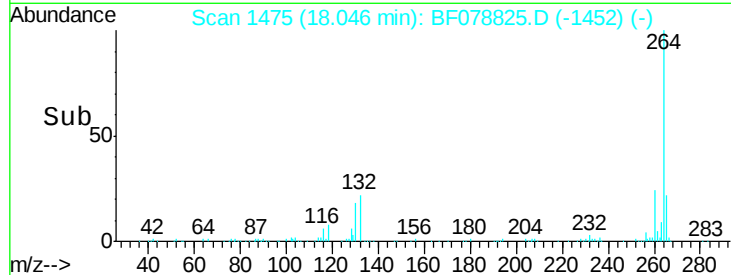
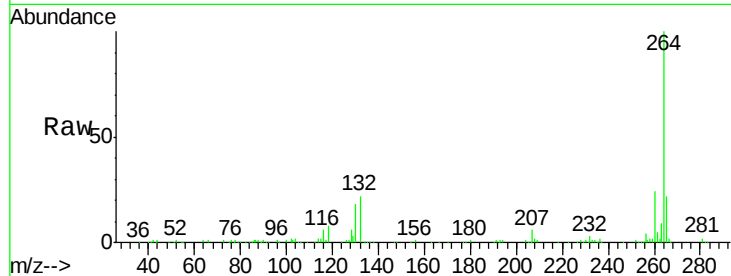
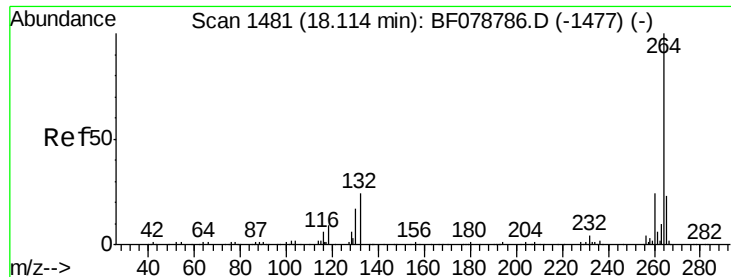


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.05 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF078825.D
 Acq: 29 Apr 2015 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-118(48-50)

Tot Ion:	264	Resp:	259605
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.1	18.3	27.5

