

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078383.D
 Acq On : 10 Apr 2015 4:57
 Operator : TP/IZ
 Sample : G1782-26
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

Quant Time: Apr 10 04:45:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

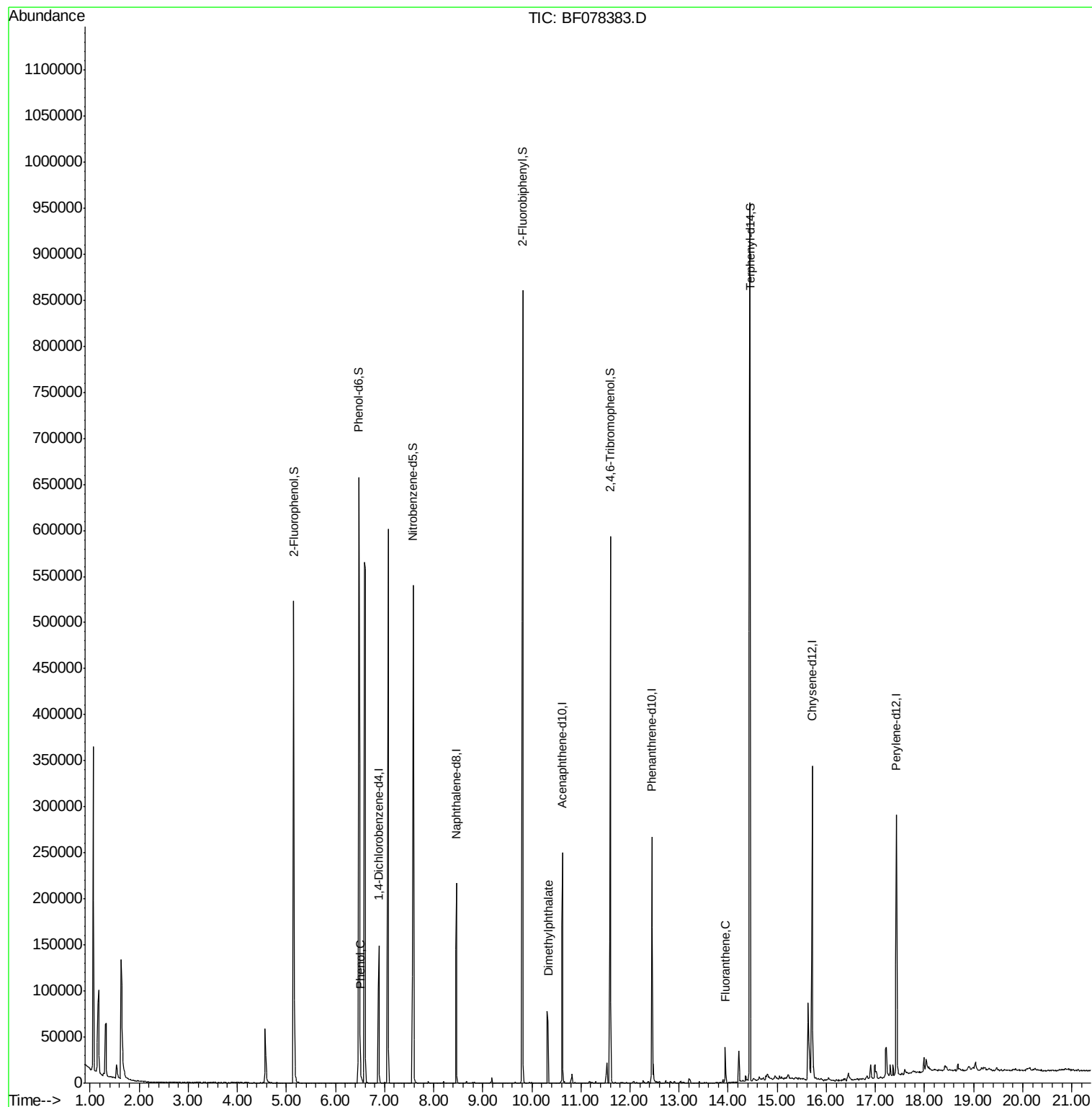
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	31858	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	133952	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	67638	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	129606	20.00	ng	0.00
75) Chrysene-d12	15.71	240	136175	20.00	ng	0.00
86) Perylene-d12	17.43	264	129190	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	229647	118.85	ng	0.01
7) Phenol-d6	6.48	99	287047	118.54	ng	0.00
23) Nitrobenzene-d5	7.58	82	172573	78.09	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	71280	127.07	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	343709	72.64	ng	0.00
78) Terphenyl-d14	14.44	244	380103	63.07	ng	0.00
Target Compounds						
10) Phenol	6.50	94	6117	2.11	ng	90
49) Dimethylphthalate	10.33	163	50738	9.98	ng	# 98
74) Fluoranthene	13.94	202	18855	2.38	ng	94

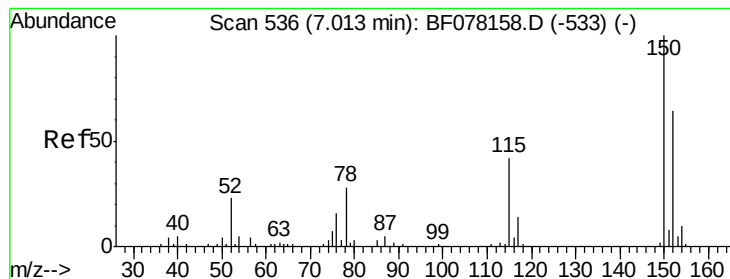
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB13(2)

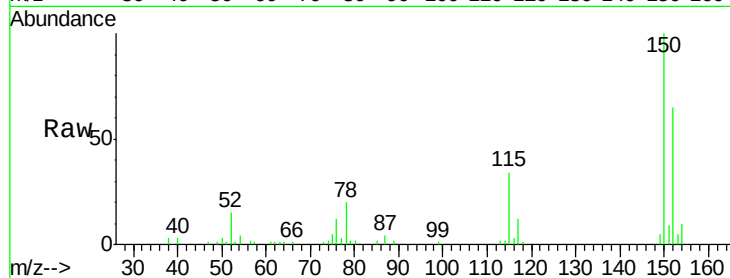
Tot Ion:152 Resp: 31858

Ion Ratio Lower Upper

152 100

150 153.1 125.9 188.9

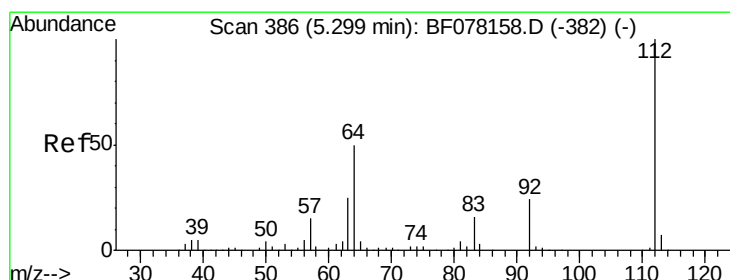
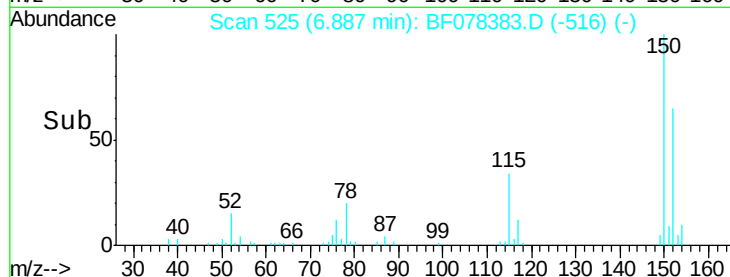
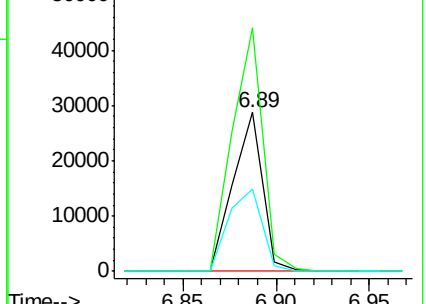
115 52.1 52.7 79.1#



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: 118.85 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

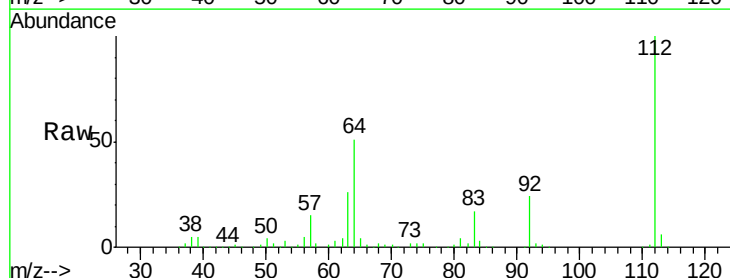
Tgt Ion:112 Resp: 229647

Ion Ratio Lower Upper

112 100

64 50.8 39.9 59.9

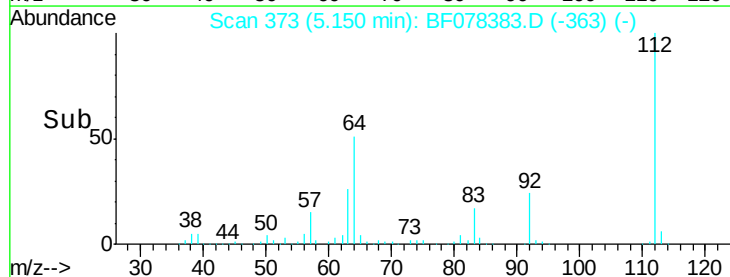
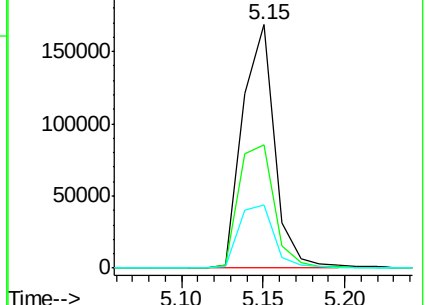
63 25.7 20.2 30.4

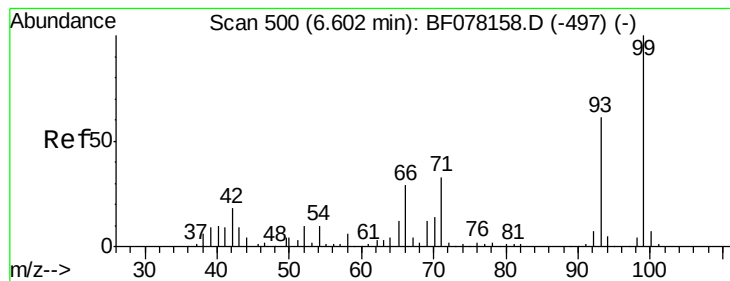


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.54 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampled :

SB13(2)

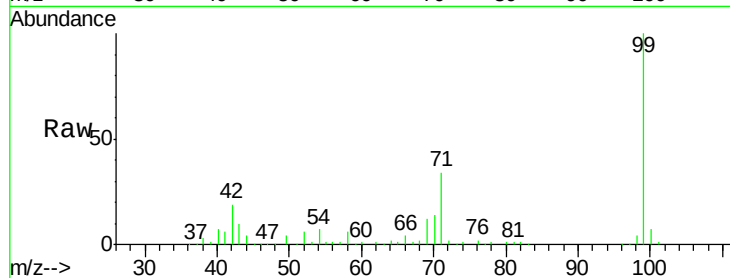
Tot Ion: 99 Resp: 287047

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

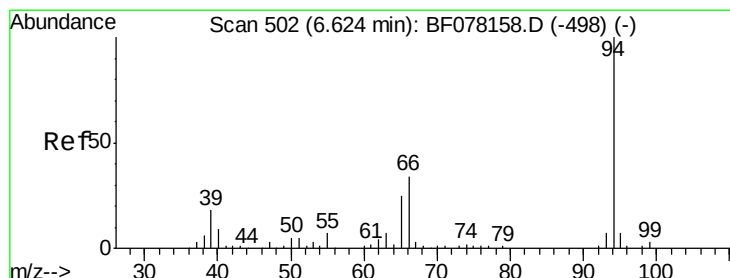
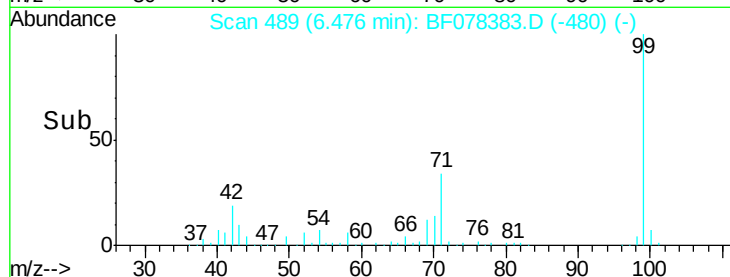
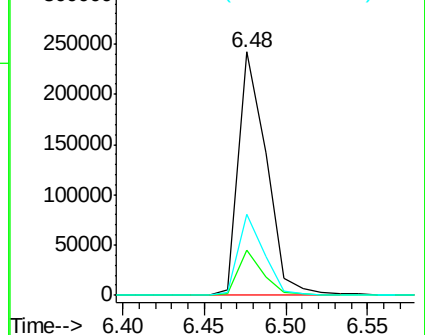
71 33.6 26.6 39.8



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: 2.11 ng

RT: 6.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

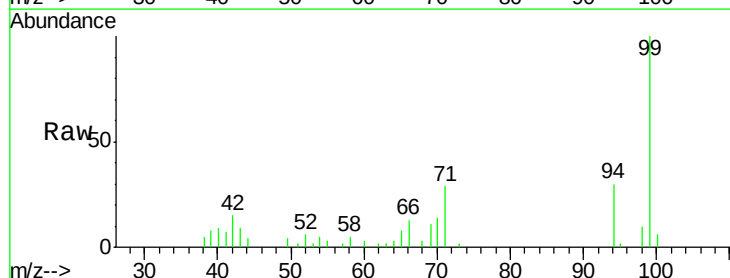
Tgt Ion: 94 Resp: 6117

Ion Ratio Lower Upper

94 100

65 26.7 4.9 44.9

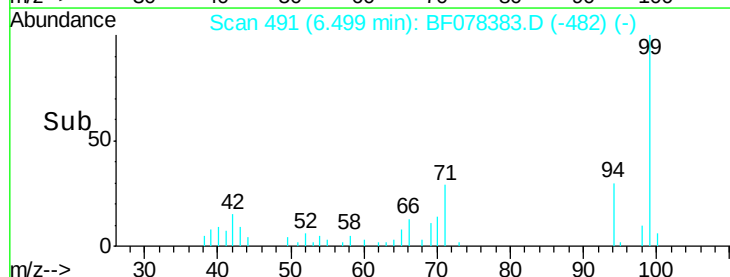
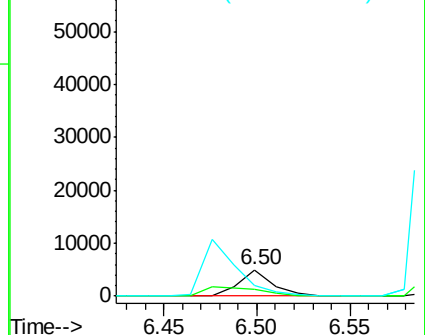
66 41.9 13.8 53.8

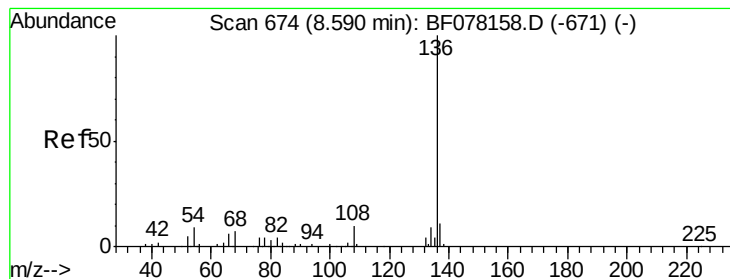


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB13(2)

Tot Ion:136 Resp: 133952

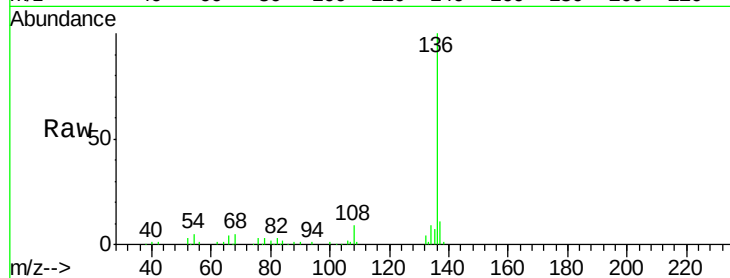
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.0 7.0 10.6#

68 4.5 5.4 8.2#

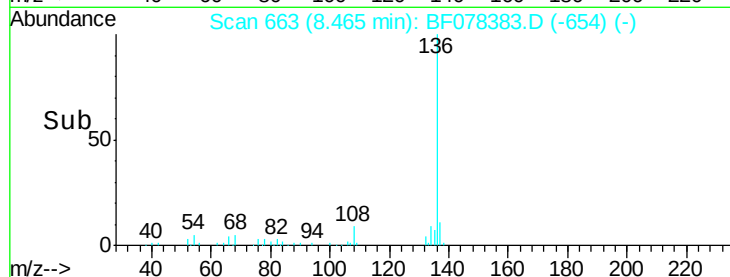


Abundance Ion 136.00 (135.70 to 136.70): E

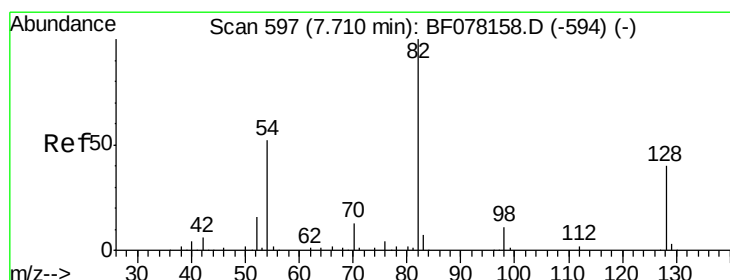
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 78.09 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

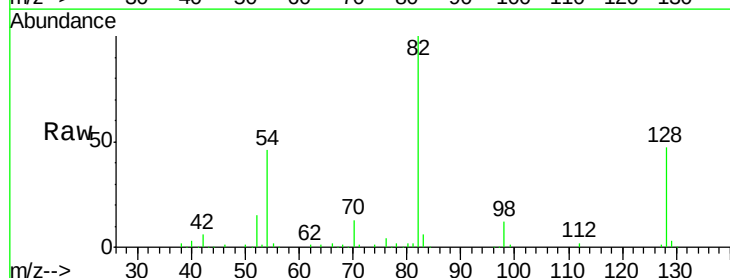
Tgt Ion: 82 Resp: 172573

Ion Ratio Lower Upper

82 100

128 46.7 31.8 47.8

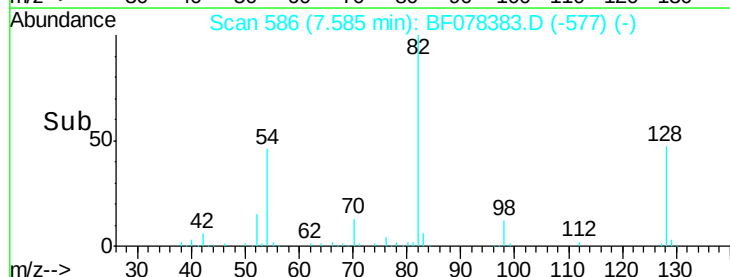
54 46.5 41.5 62.3



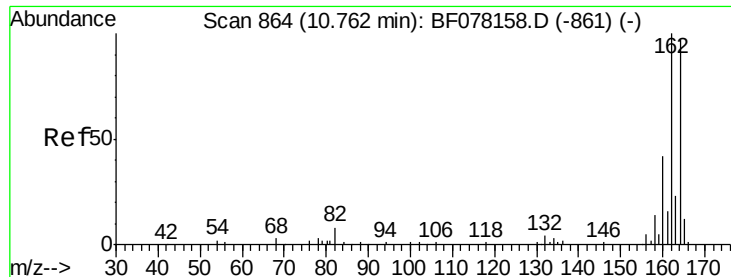
Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB13(2)

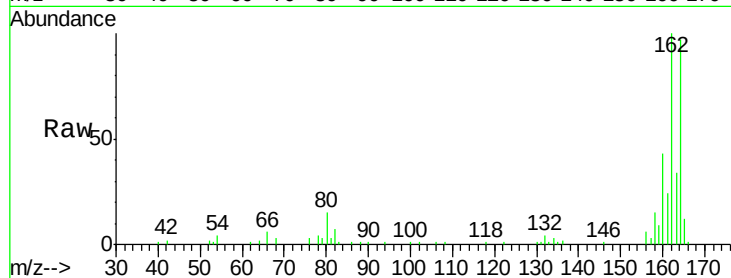
Tot Ion:164 Resp: 67638

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

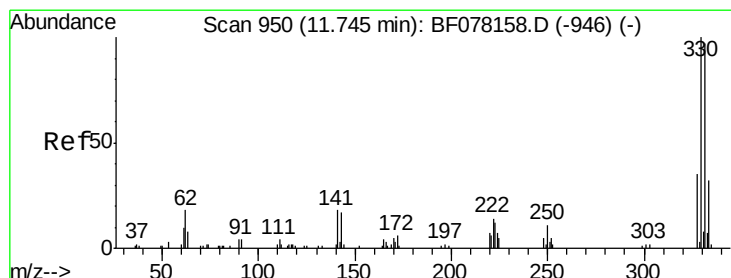
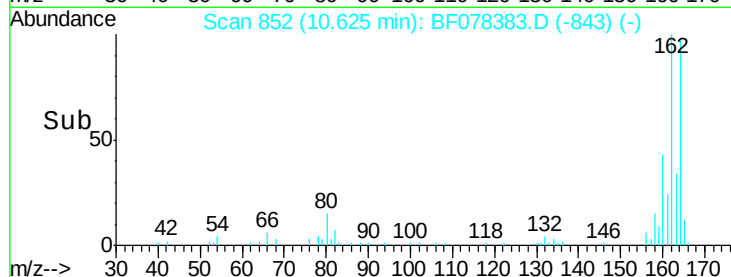
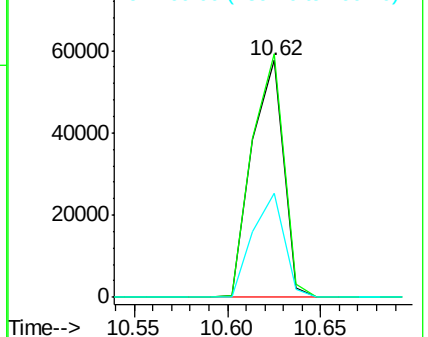
160 43.9 34.7 52.1



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: 127.07 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

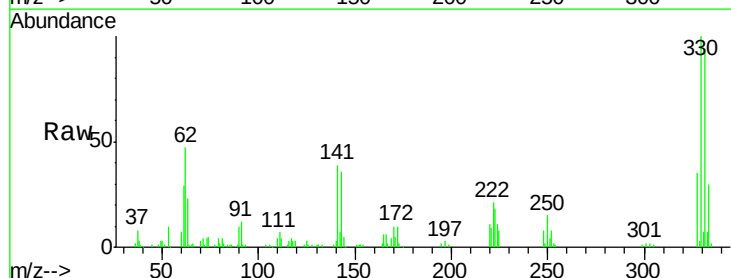
Tgt Ion:330 Resp: 71280

Ion Ratio Lower Upper

330 100

332 93.8 78.6 117.8

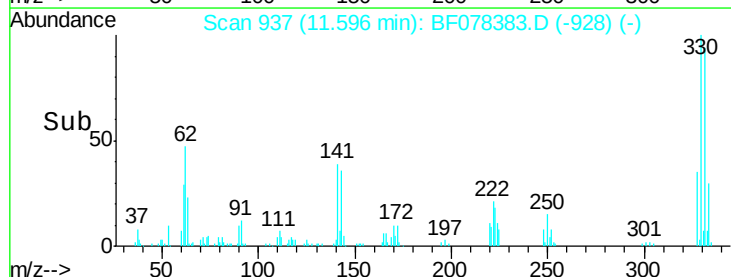
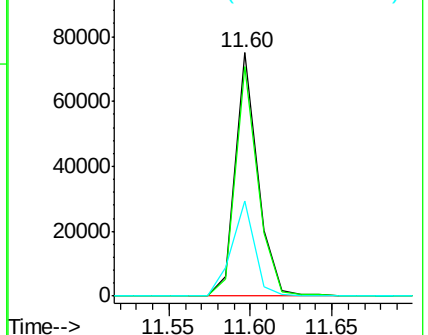
141 39.6 31.2 46.8

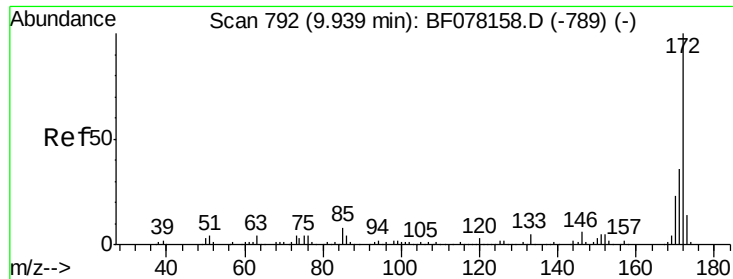


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

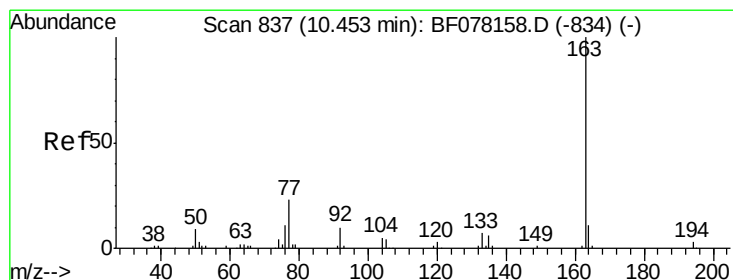
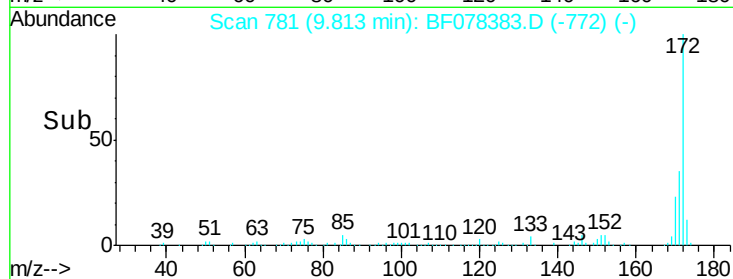
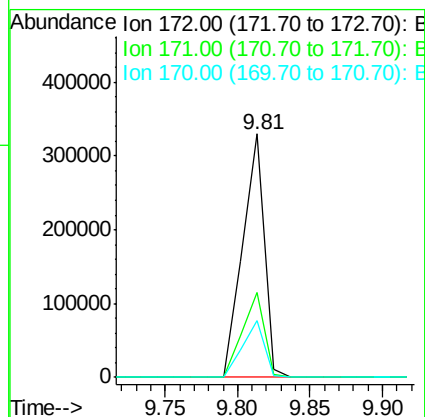
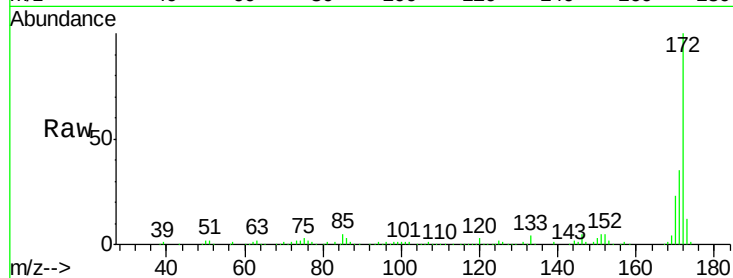




#44
2-Fluorobiphenyl
Concen: 72.64 ng
RT: 9.81 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

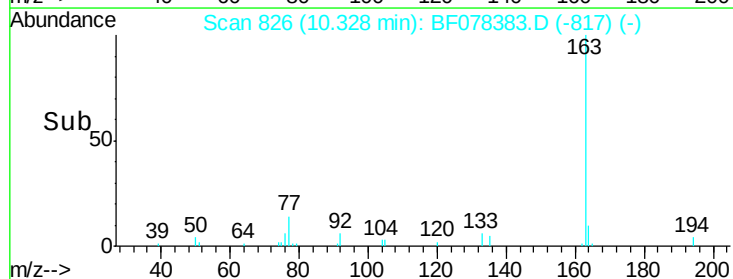
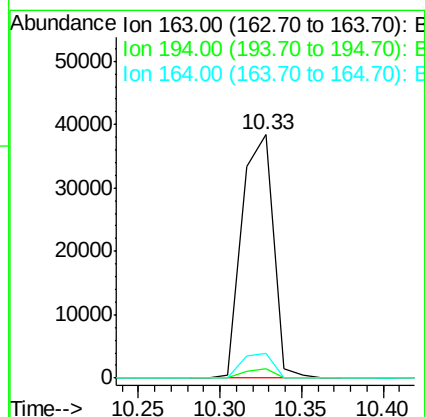
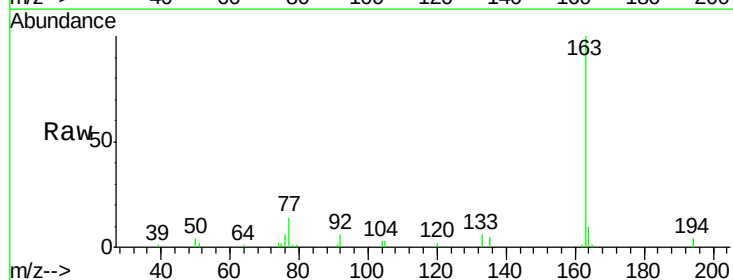
Instrument :
BNA_F
ClientSampleId :
SB13(2)

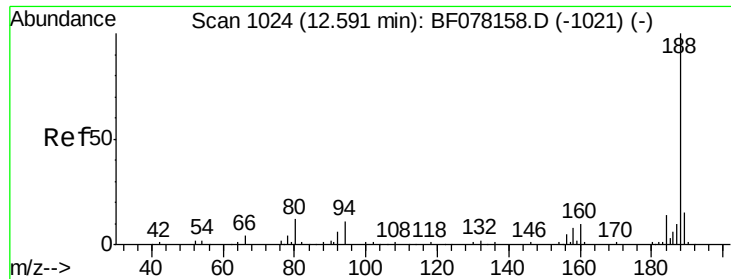
Tot Ion:172 Resp: 343709
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.1 18.5 27.7



#49
Dimethylphthalate
Concen: 9.98 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Tgt Ion:163 Resp: 50738
Ion Ratio Lower Upper
163 100
194 3.9 2.3 3.5#
164 10.0 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB13(2)

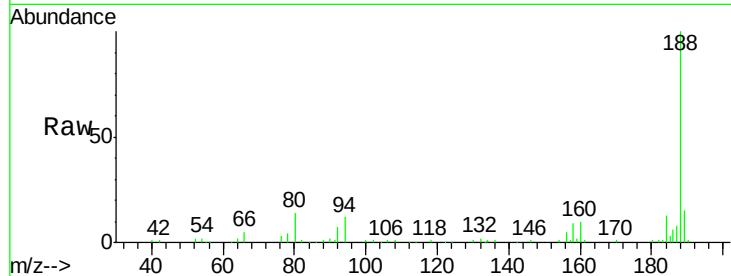
Tot Ion:188 Resp: 129606

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.4

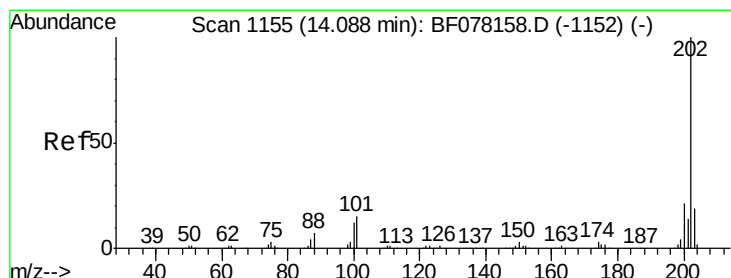
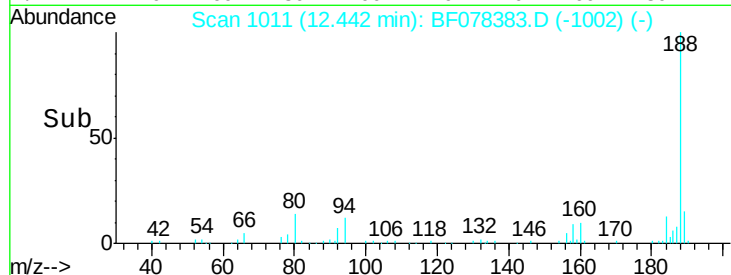
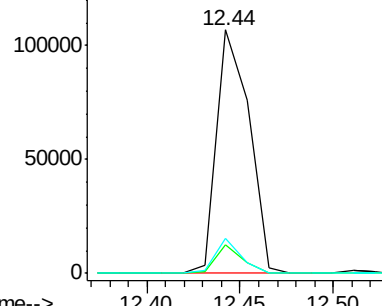
80 14.2 9.5 14.3



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



#74

Fluoranthene

Concen: 2.38 ng

RT: 13.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

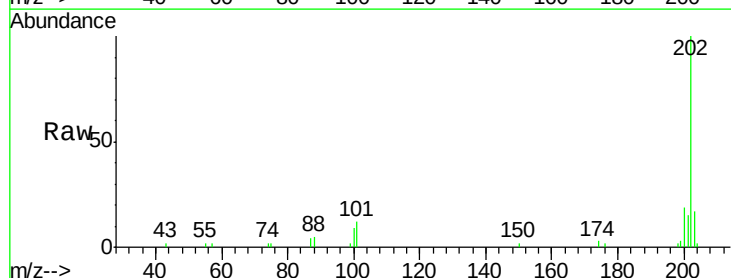
Tgt Ion:202 Resp: 18855

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.2

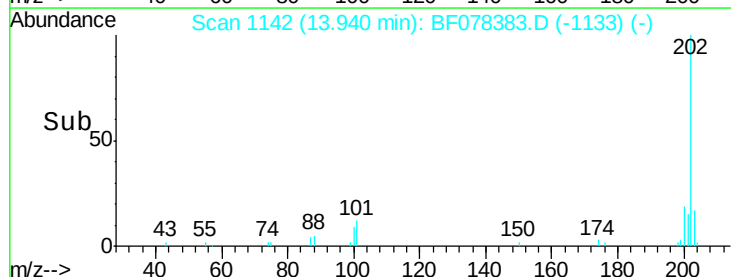
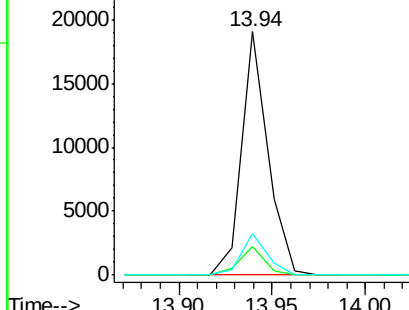
203 16.9 0.0 38.5

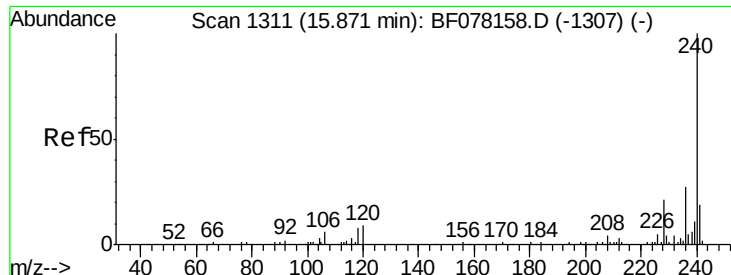


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

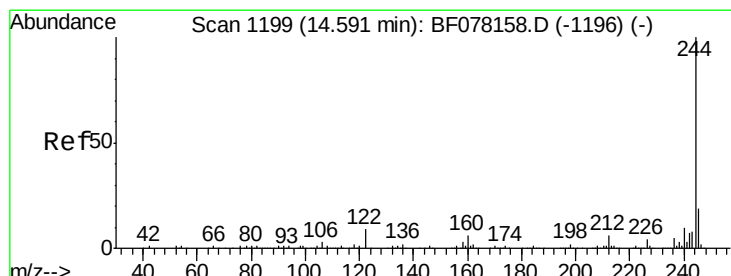
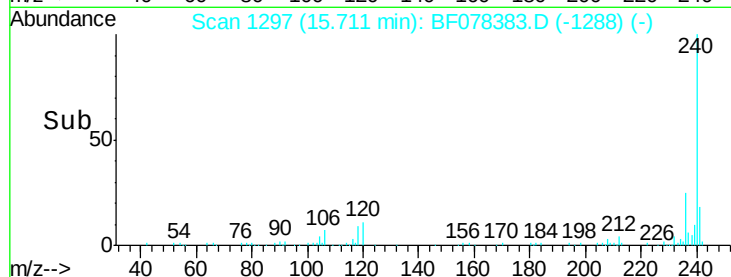
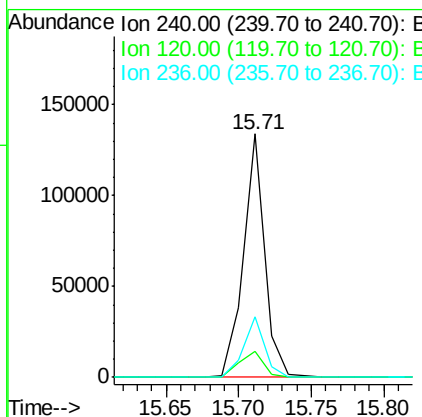
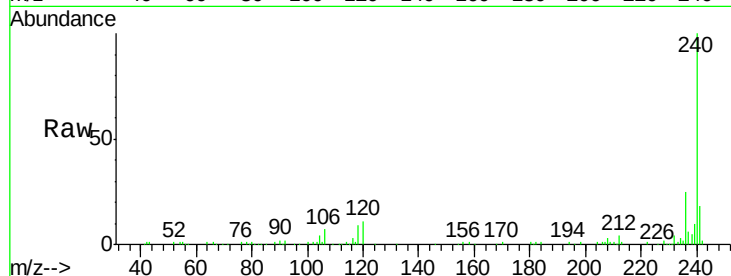




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

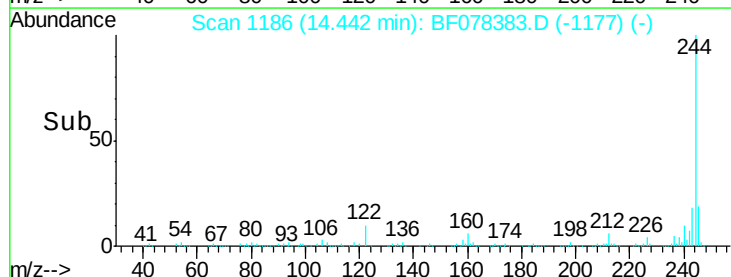
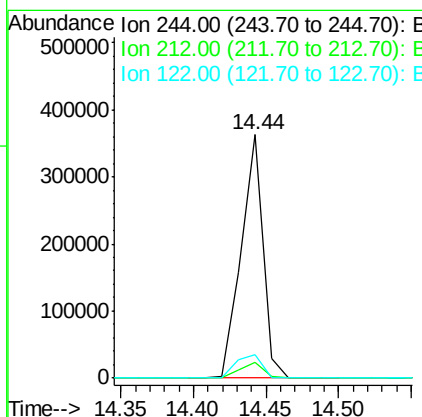
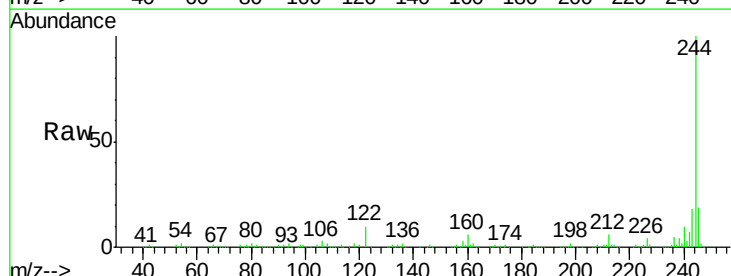
Instrument :
BNA_F
ClientSampleId :
SB13(2)

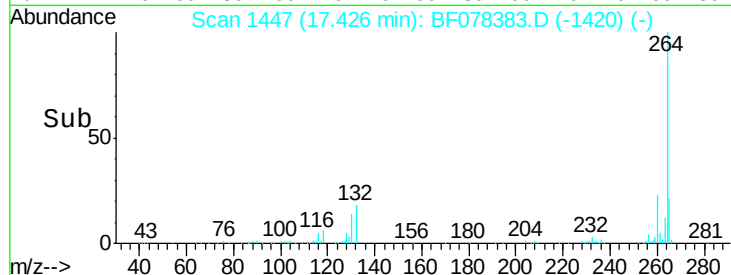
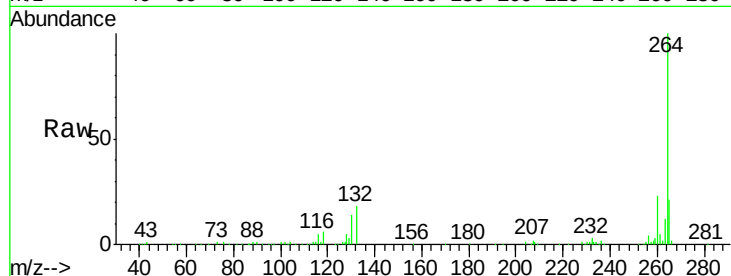
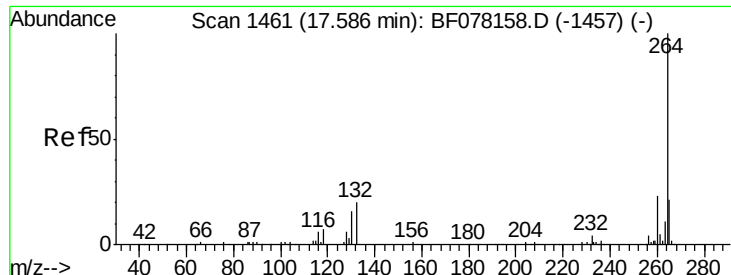
Tot Ion:240 Resp: 136175
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 25.1 21.4 32.2



#78
Terphenyl-d14
Concen: 63.07 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Tgt Ion:244 Resp: 380103
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.5 7.1 10.7





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.43 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

Tot Ion:	264	Resp:	129190
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.0	25.6

