

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081746.D
 Acq On : 22 Sep 2015 18:49
 Operator : UM/IZ
 Sample : G3669-01DL2 40X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

Quant Time: Sep 22 19:27:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

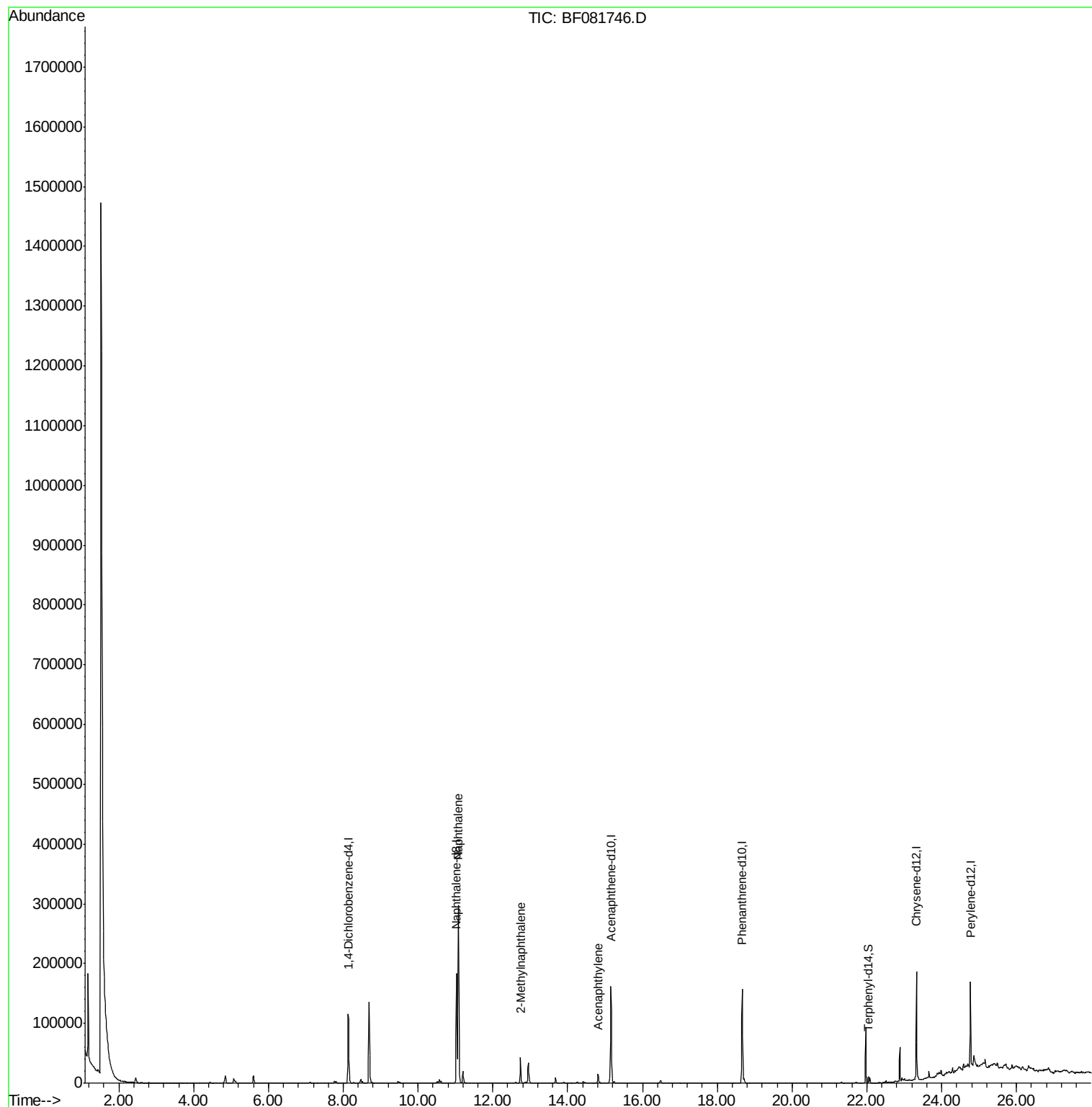
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34637	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	136490	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	61728	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	115966	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	72700	20.00	ng	0.00
86) Perylene-d12	24.77	264	60867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.46	82	3950	1.40	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.67	172	9362	1.94	ng	-0.02
78) Terphenyl-d14	22.05	244	6693	2.14	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	244142	33.54	ng	Qvalue 98
37) 2-Methylnaphthalene	12.73	142	22249	4.70	ng	# 91
48) Acenaphthylene	14.81	152	15290	2.10	ng	99

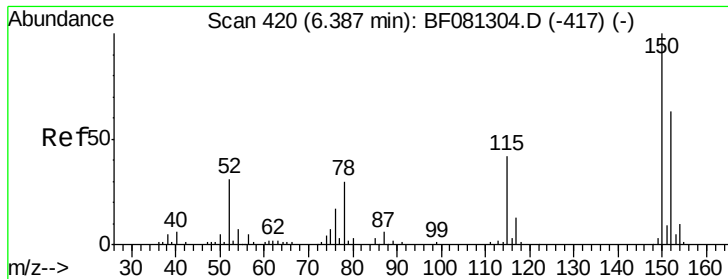
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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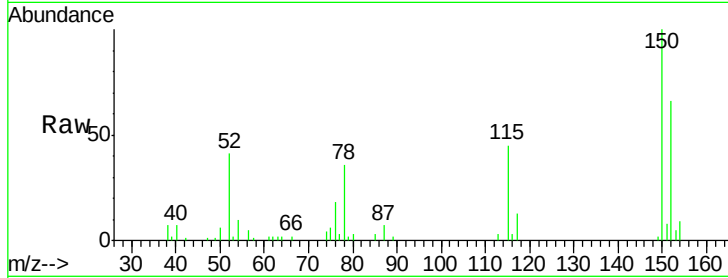


#1

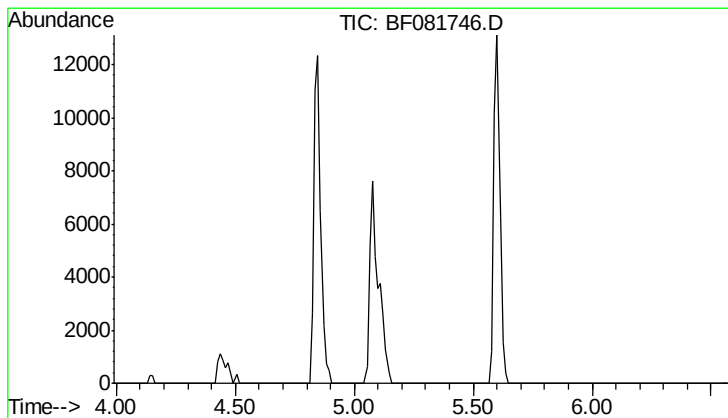
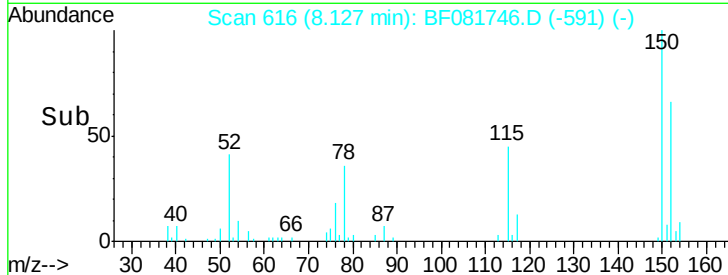
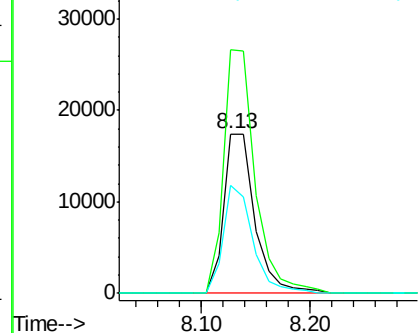
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

Tot Ion:152 Resp: 34637
Ion Ratio Lower Upper
152 100
150 152.6 124.7 187.1
115 68.0 39.0 58.4#



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

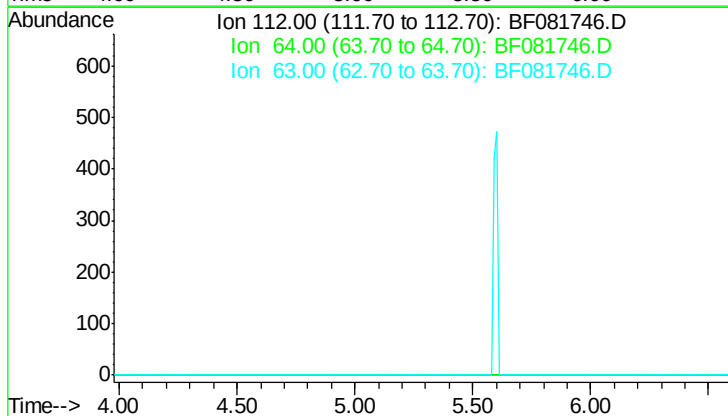


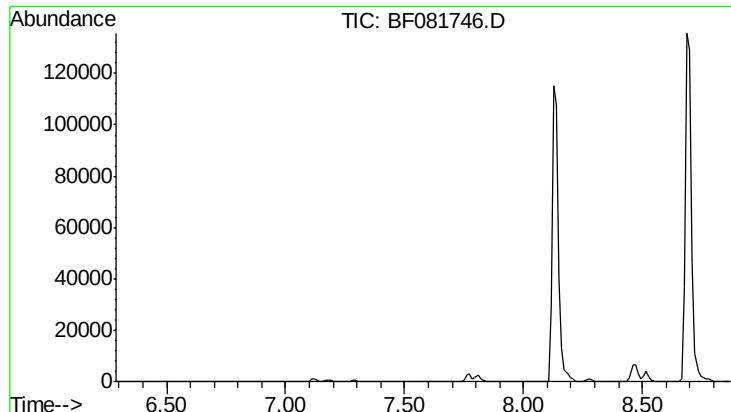
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.28 min

Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

Tgt Ion: 112
Sig Exp Ratio
112 100
64 49.6
63 21.7





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.58 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

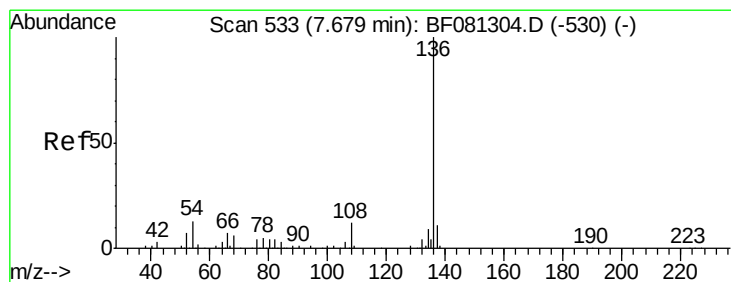
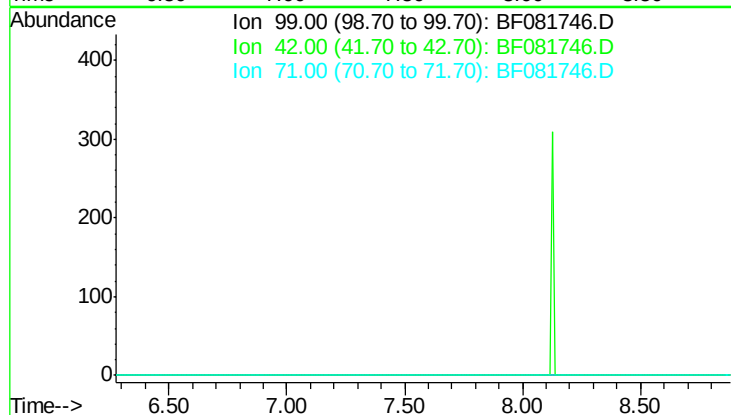
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 17.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Tgt Ion:136 Resp: 136490

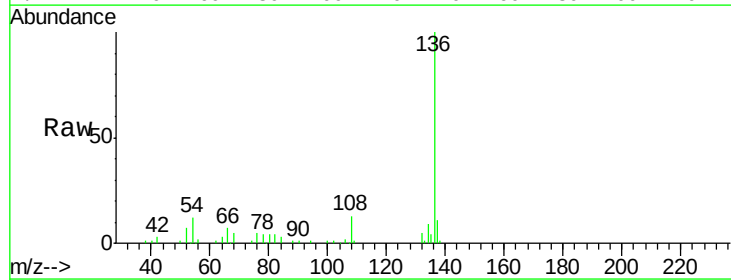
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.1 8.2 12.2

68 5.3 5.8 8.6#

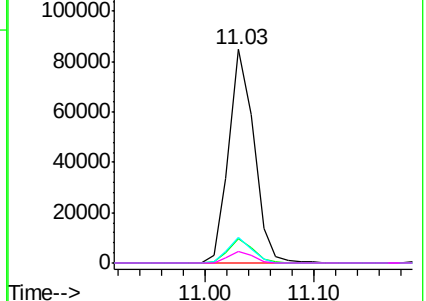


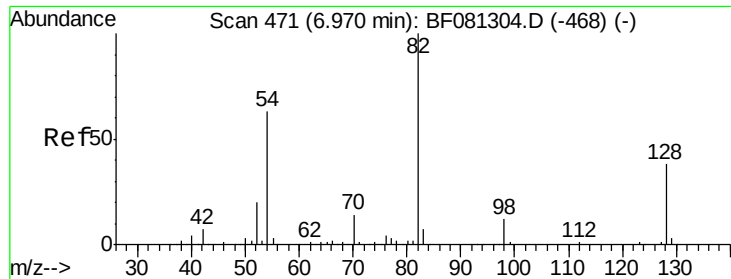
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.40 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

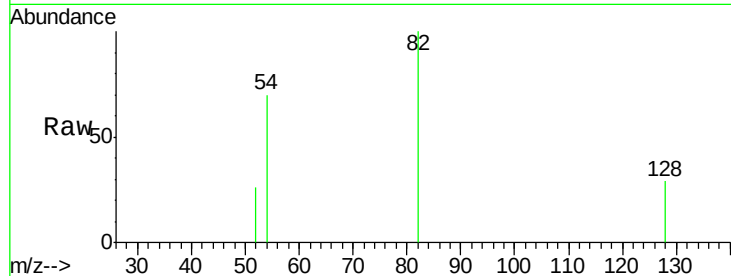
Tot Ion: 82 Resp: 3950

Ion Ratio Lower Upper

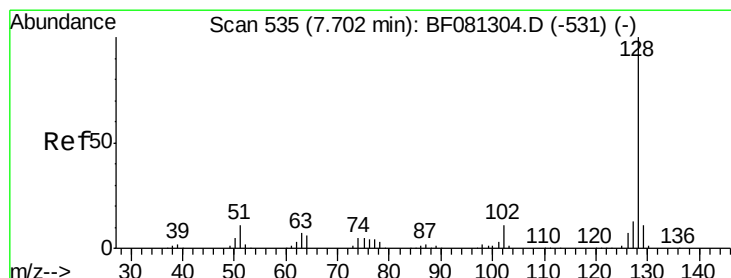
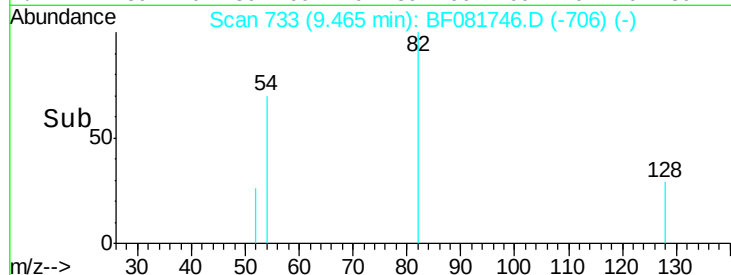
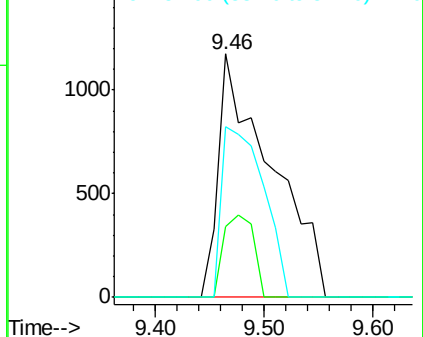
82 100

128 29.0 51.0 76.6#

54 70.4 47.5 71.3



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



#31

Naphthalene

Concen: 33.54 ng

RT: 11.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

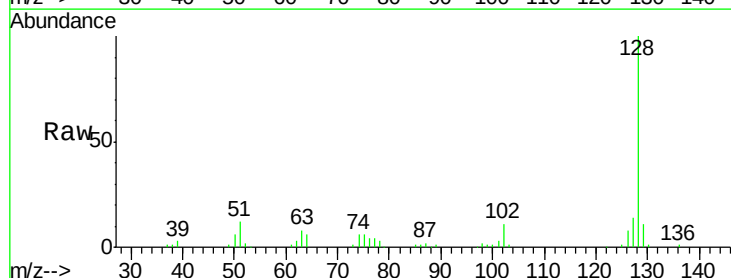
Tgt Ion: 128 Resp: 244142

Ion Ratio Lower Upper

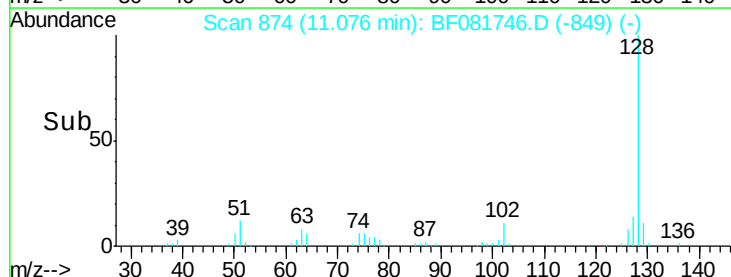
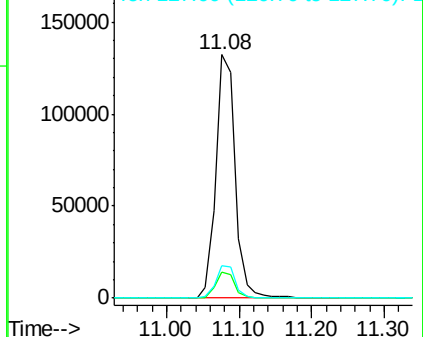
128 100

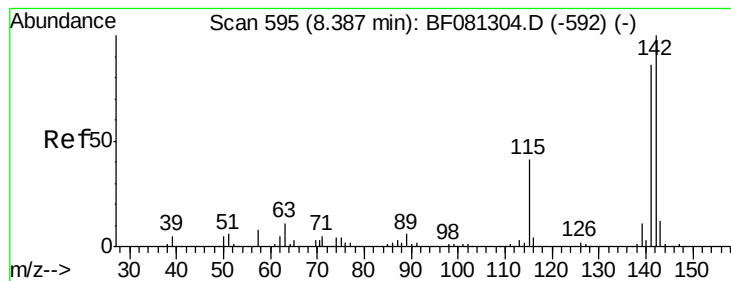
129 10.9 8.4 12.6

127 13.6 9.9 14.9



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





#37

2-Methylnaphthalene

Concen: 4.70 ng

RT: 12.73 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

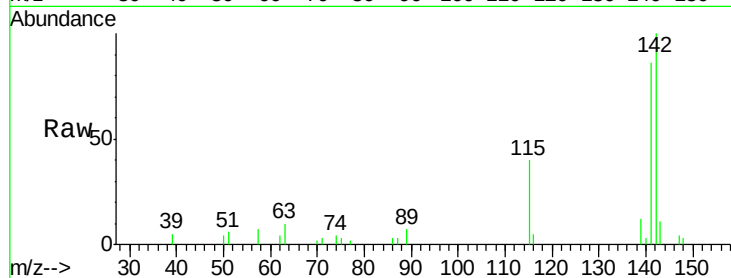
Tot Ion:142 Resp: 22249

Ion Ratio Lower Upper

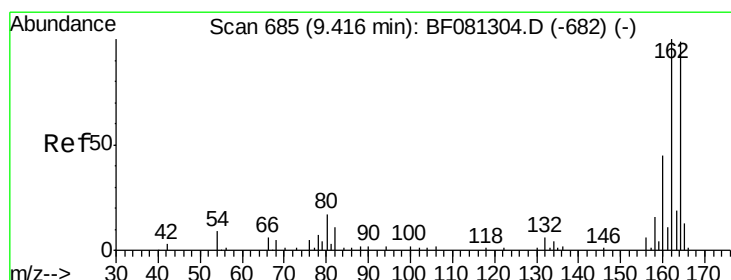
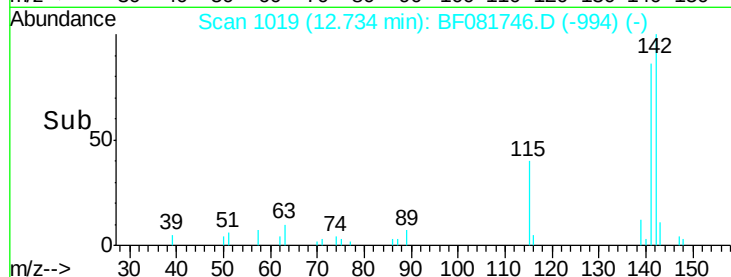
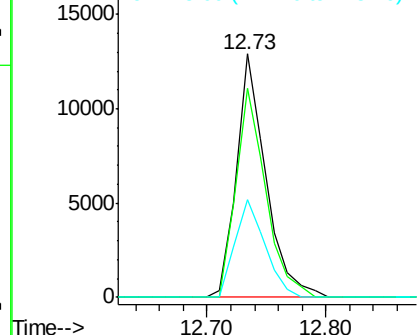
142 100

141 85.7 67.5 101.3

115 40.3 18.2 27.2#



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: 15.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

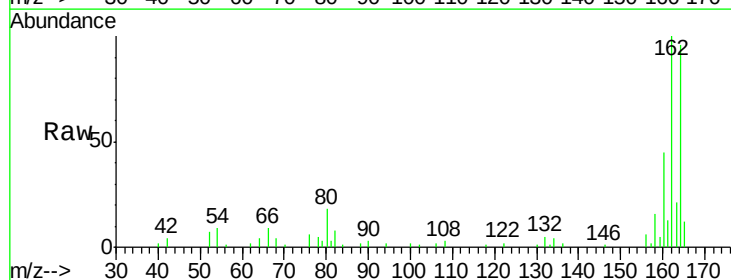
Tgt Ion:164 Resp: 61728

Ion Ratio Lower Upper

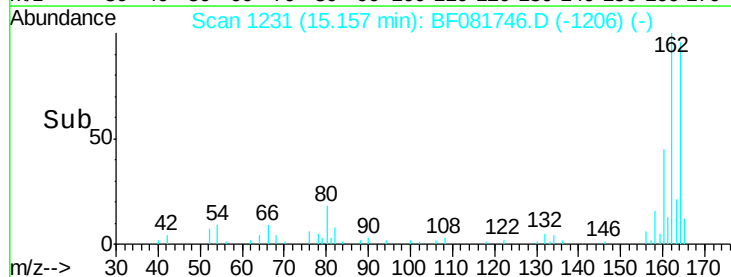
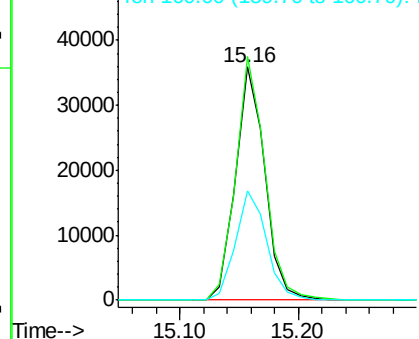
164 100

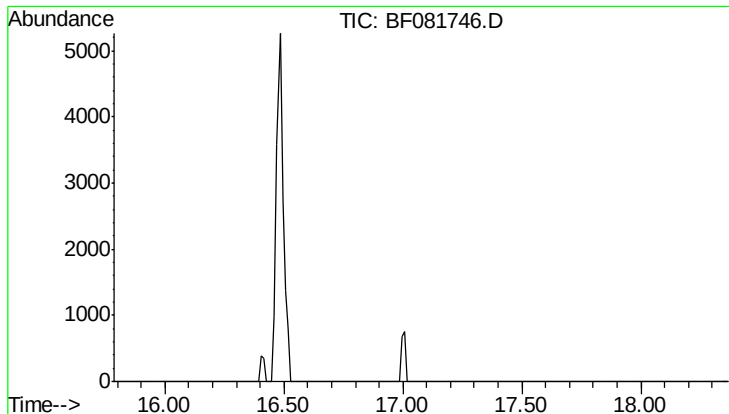
162 104.4 75.2 112.8

160 46.9 31.5 47.3



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

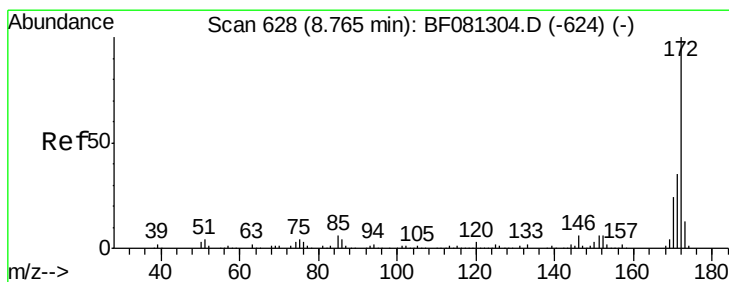
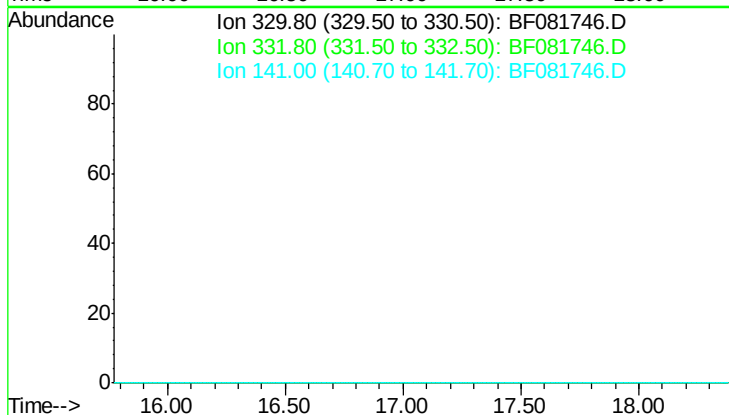




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 17.08 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

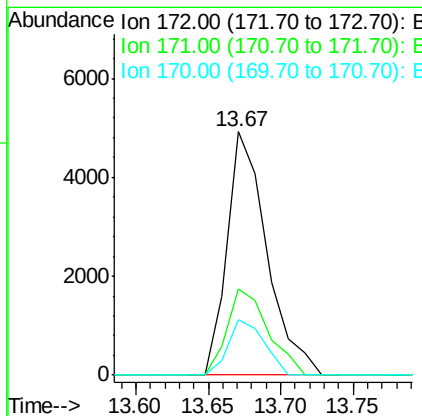
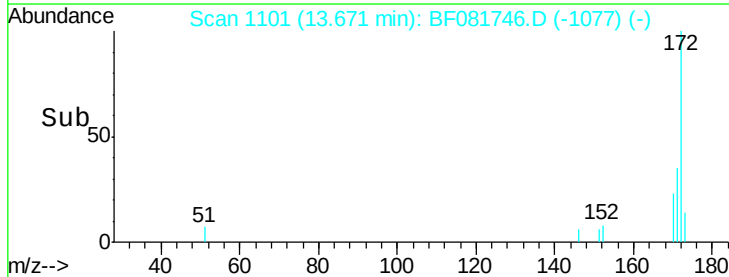
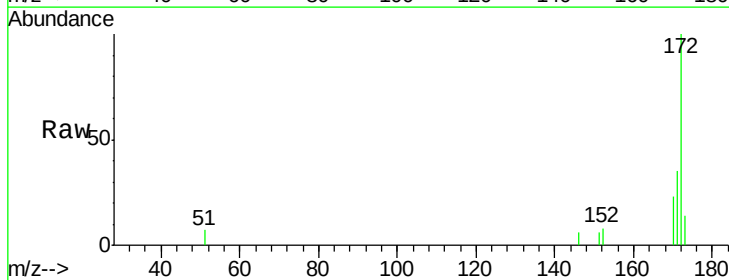
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

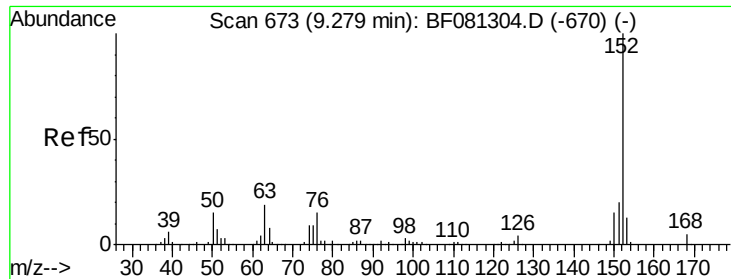
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#44
 2-Fluorobiphenyl
 Concen: 1.94 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

Tgt Ion: 172 Resp: 9362
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 22.9 17.4 26.2





#48

Acenaphthylene

Concen: 2.10 ng

RT: 14.81 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

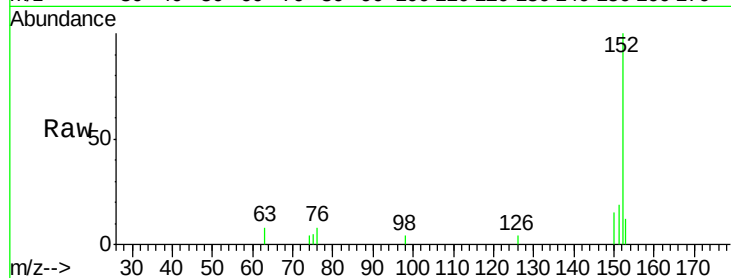
Tot Ion:152 Resp: 15290

Ion Ratio Lower Upper

152 100

151 19.0 14.6 22.0

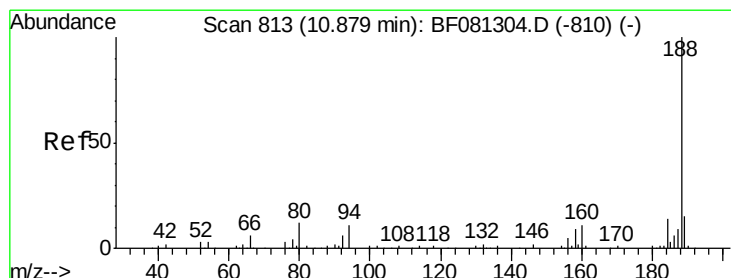
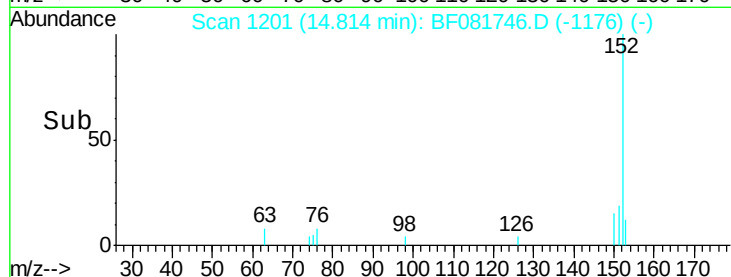
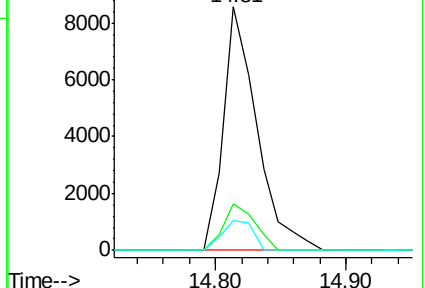
153 12.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

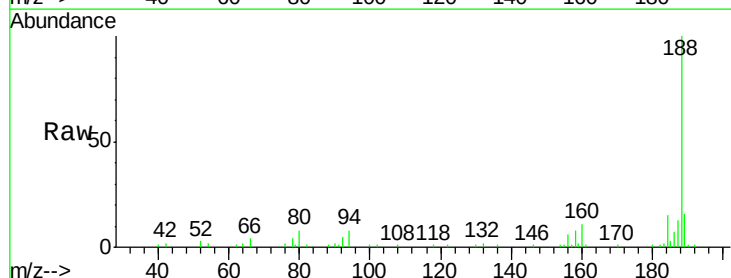
Tgt Ion:188 Resp: 115966

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

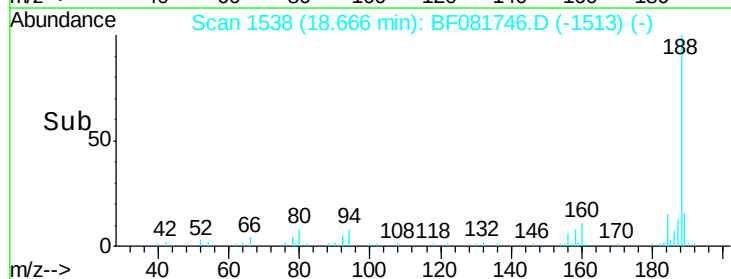
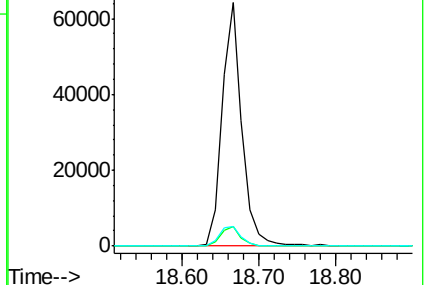
80 8.3 11.0 16.4#

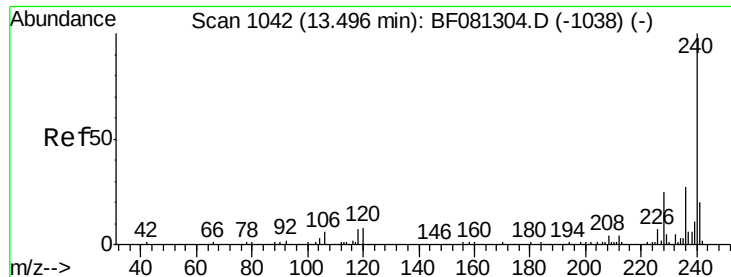


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.33 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

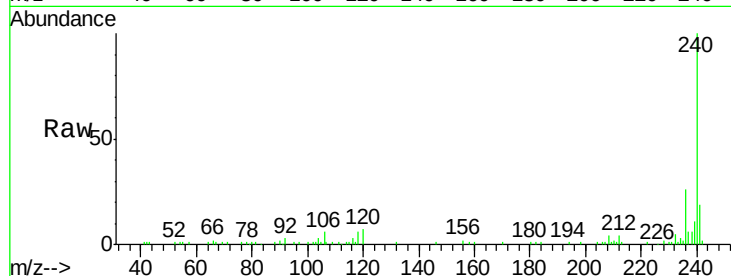
Tot Ion:240 Resp: 72700

Ion Ratio Lower Upper

240 100

120 7.3 16.2 24.2#

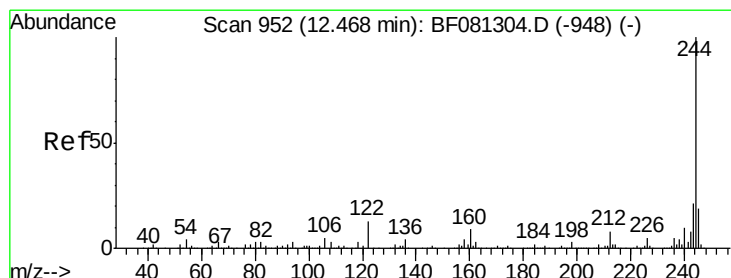
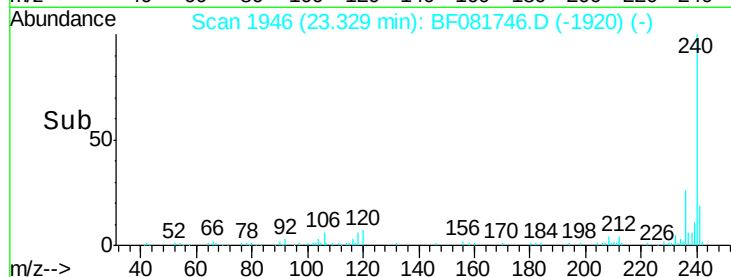
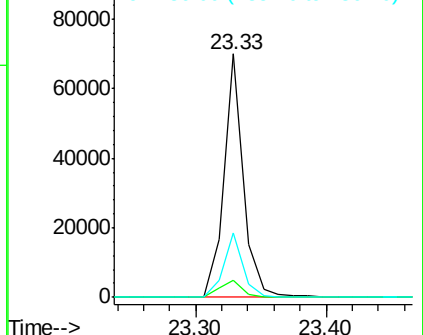
236 26.2 18.4 27.6



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: 2.14 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

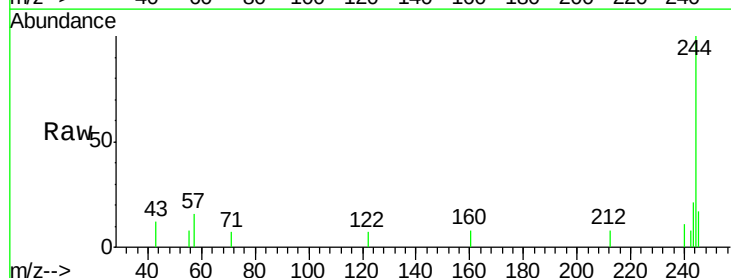
Tgt Ion:244 Resp: 6693

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

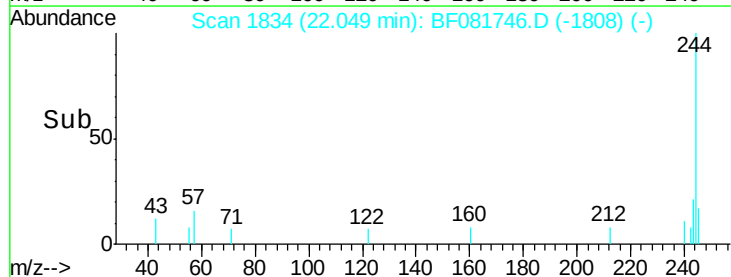
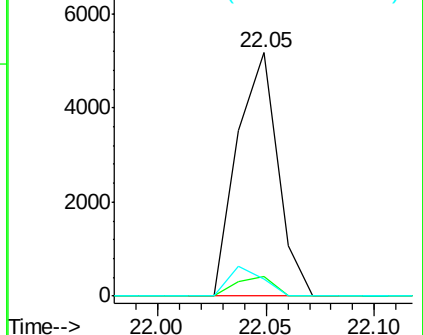
122 6.9 17.4 26.2#

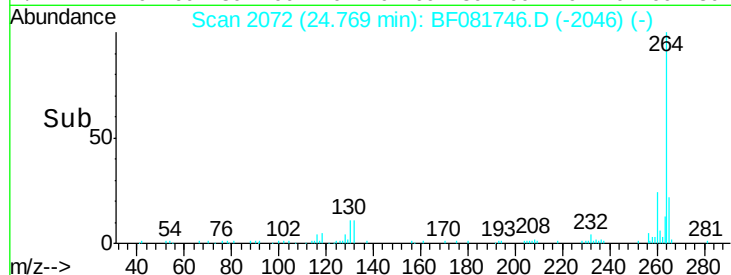
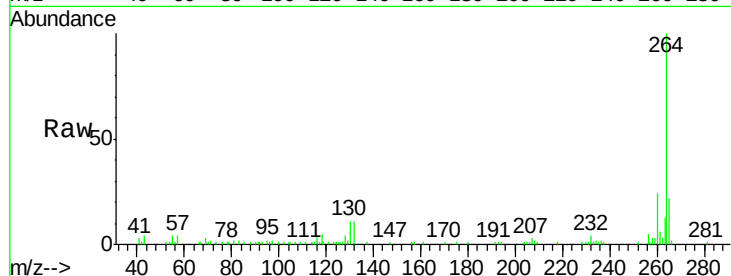
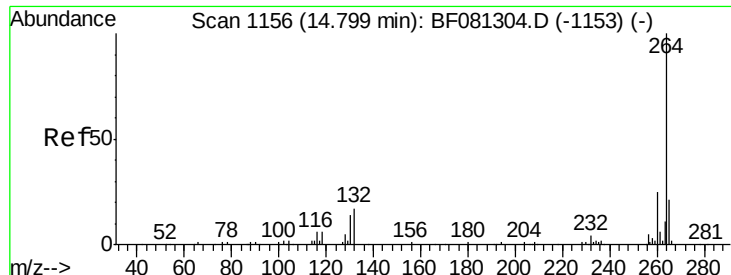


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

Tot Ion:264	Resp:	60867
Ion Ratio	Lower	Upper
264	100	
260	24.5	16.7 25.1
265	21.6	17.2 25.8

