

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081713.D
 Acq On : 21 Sep 2015 14:09
 Operator : UM/IZ
 Sample : G3669-01DL2 40X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

Quant Time: Sep 22 03:54:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

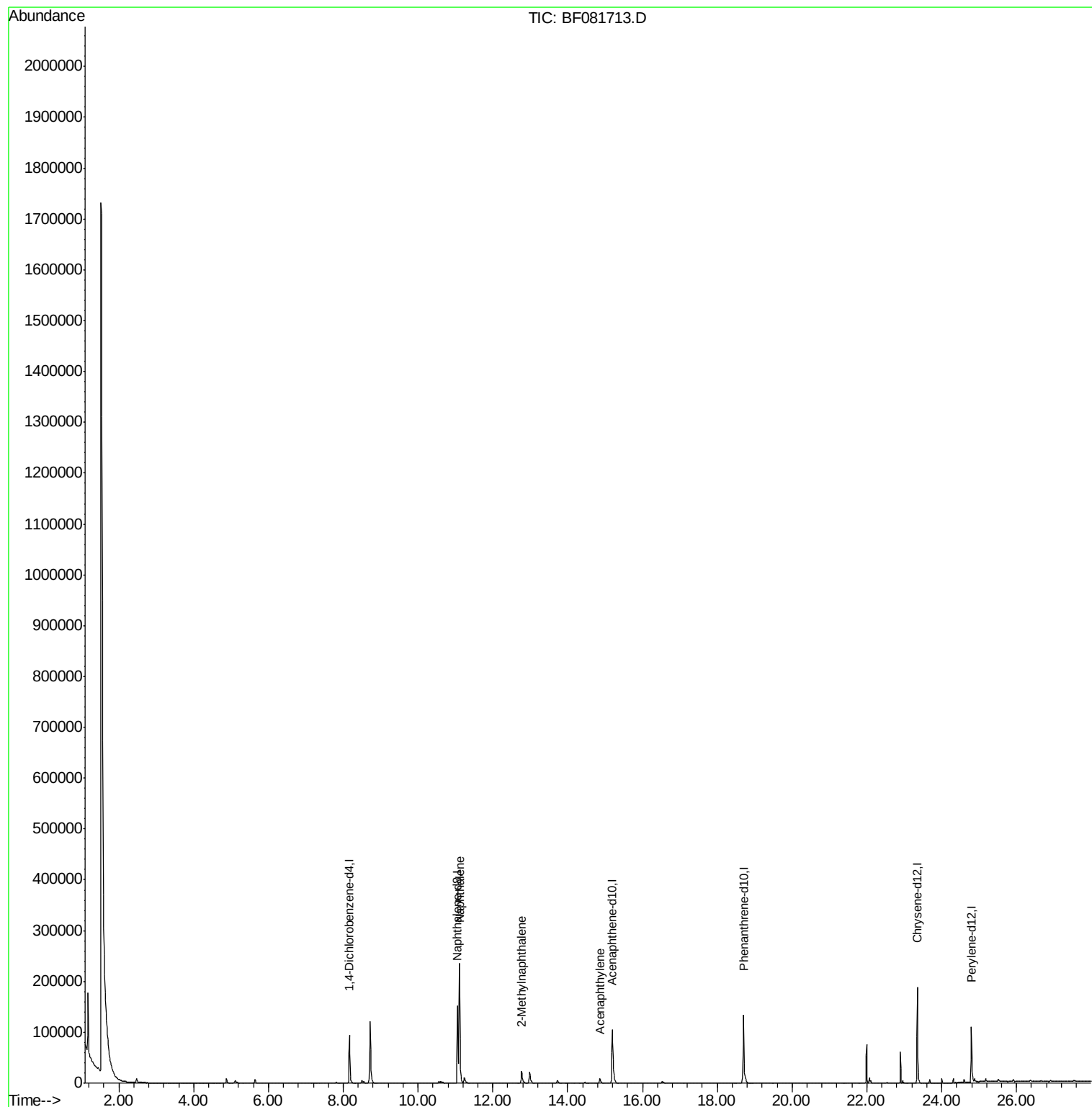
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	29422	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	120545	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	56881	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	121292	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	101728	20.00	ng	-0.03
86) Perylene-d12	24.79	264	68195	20.00	ng	-0.02
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	9.57	82	2498	1.00	ng	0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.73	172	7678	1.73	ng	-0.04
78) Terphenyl-d14	22.07	244	7142	1.63	ng	-0.04
Target Compounds						
31) Naphthalene	11.11	128	221747	34.49	ng	Qvalue 98
37) 2-Methylnaphthalene	12.77	142	18896	4.52	ng	# 91
48) Acenaphthylene	14.86	152	13917	2.08	ng	95

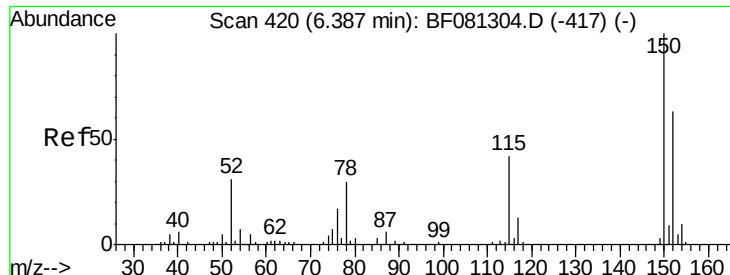
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

Instrument :

BNA_F

ClientSampleId :

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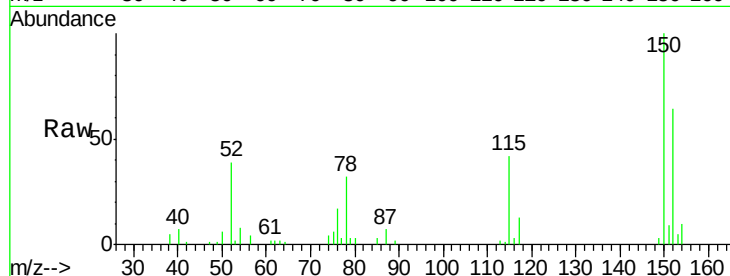
Tot Ion:152 Resp: 29422

Ion Ratio Lower Upper

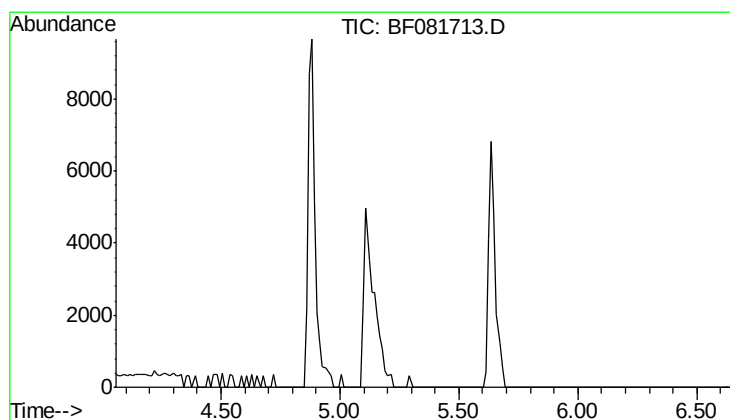
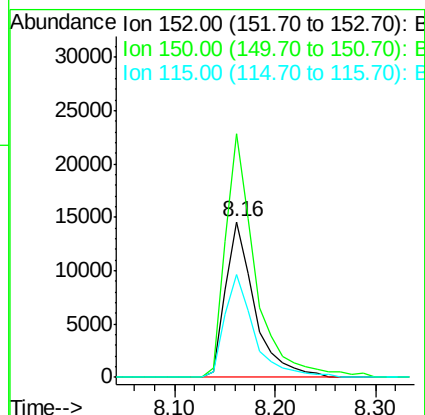
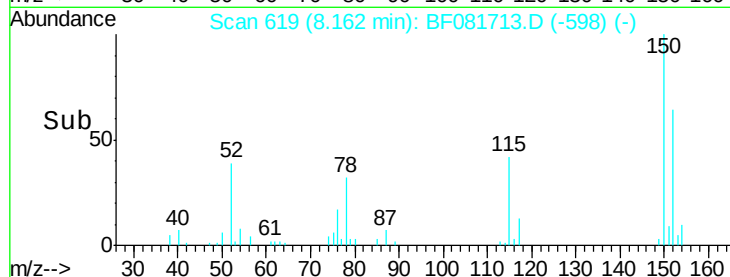
152 100

150 156.2 124.7 187.1

115 66.2 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: 5.35 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

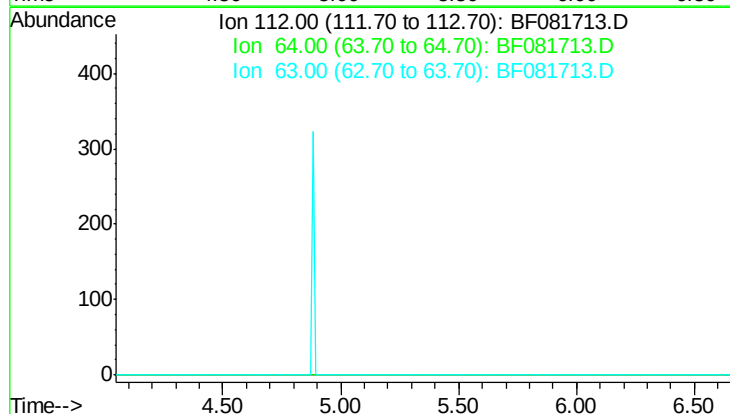
Tgt Ion: 112

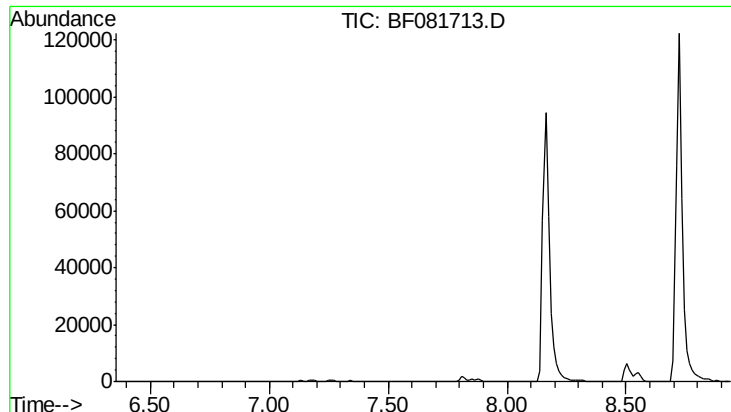
Sig Exp Ratio

112 100

64 49.6

63 21.7





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.65 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

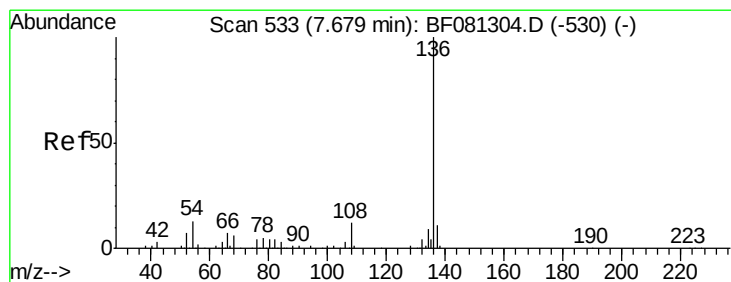
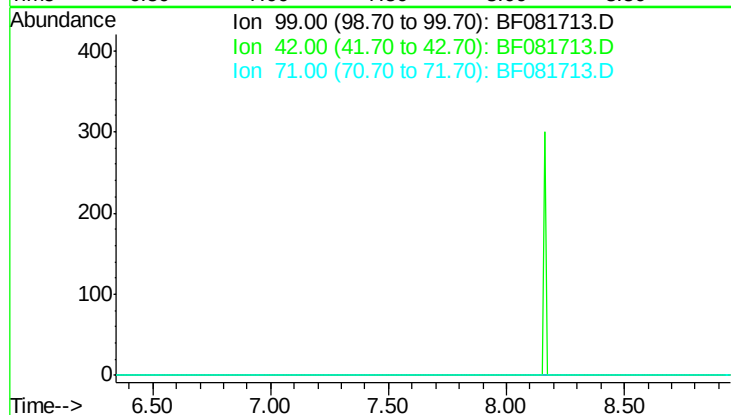
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 17.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

Tgt Ion:136 Resp: 120545

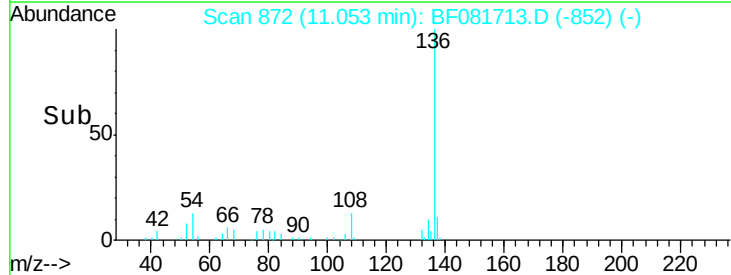
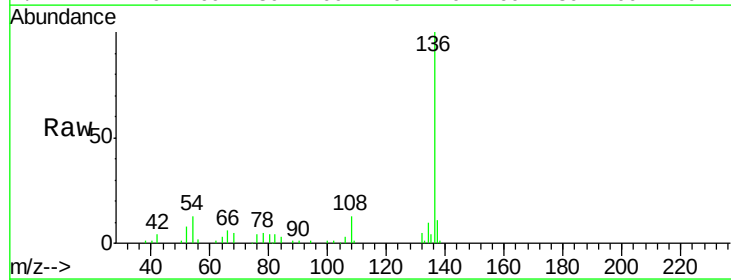
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.6 8.2 12.2#

68 5.3 5.8 8.6#

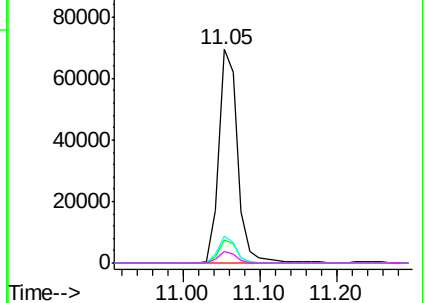


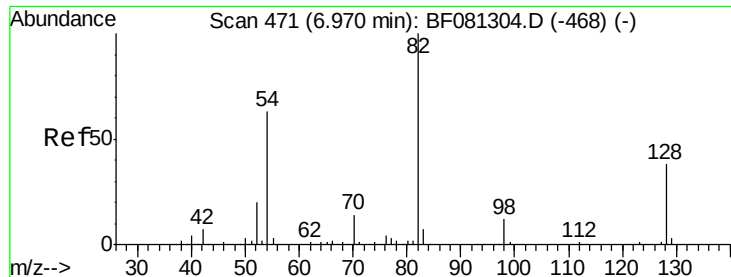
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.00 ng

RT: 9.57 min Scan# 742

Delta R.T. 0.04 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

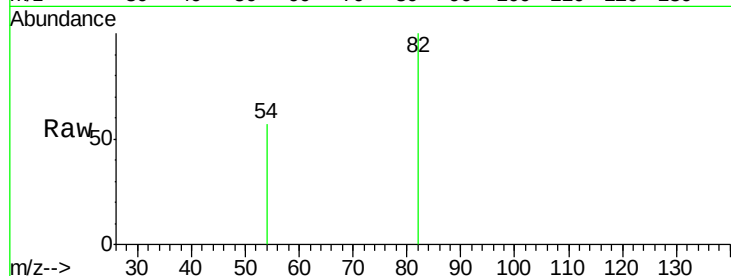
Tot Ion: 82 Resp: 2498

Ion Ratio Lower Upper

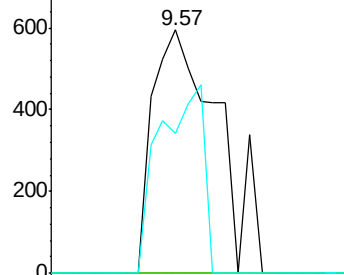
82 100

128 0.0 51.0 76.6#

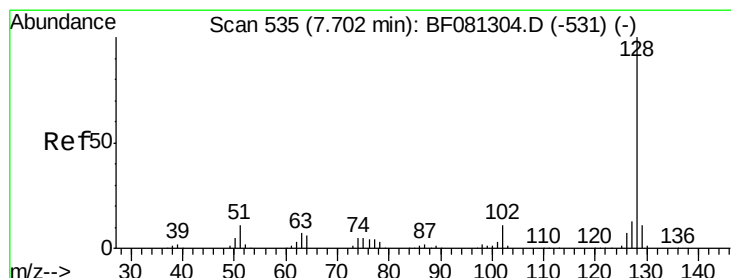
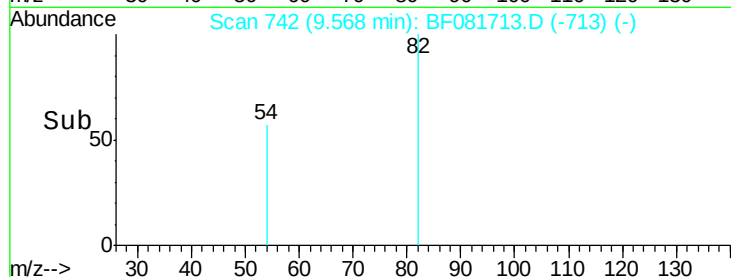
54 57.5 47.5 71.3



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



Time-->



#31

Naphthalene

Concen: 34.49 ng

RT: 11.11 min Scan# 877

Delta R.T. -0.06 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

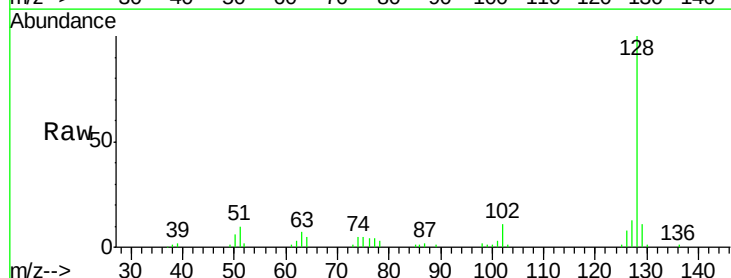
Tgt Ion: 128 Resp: 221747

Ion Ratio Lower Upper

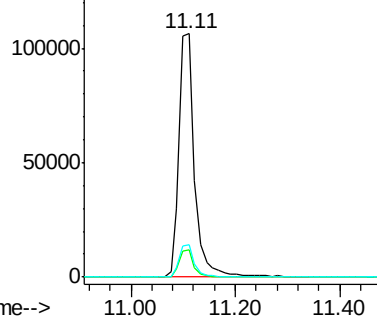
128 100

129 11.1 8.4 12.6

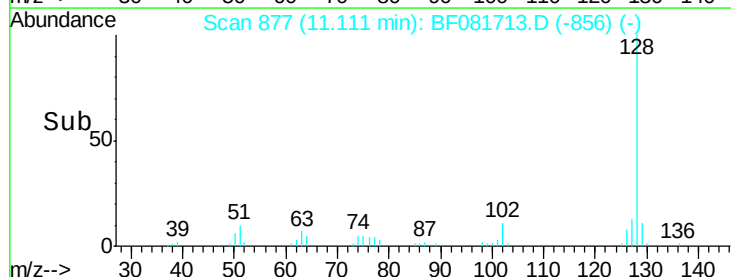
127 13.1 9.9 14.9

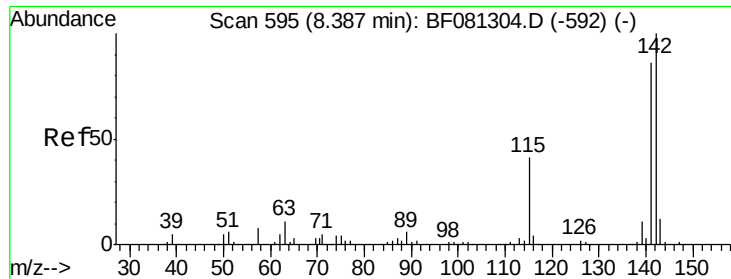


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

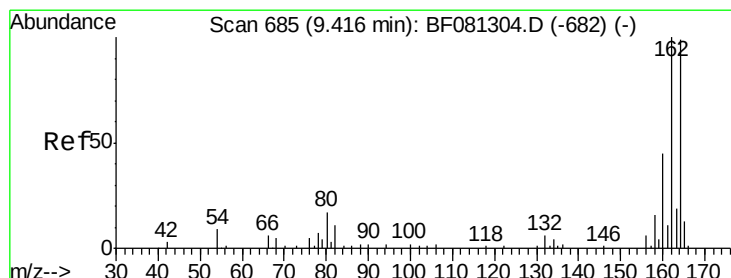
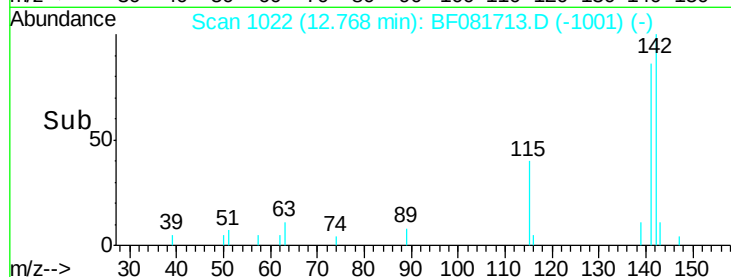
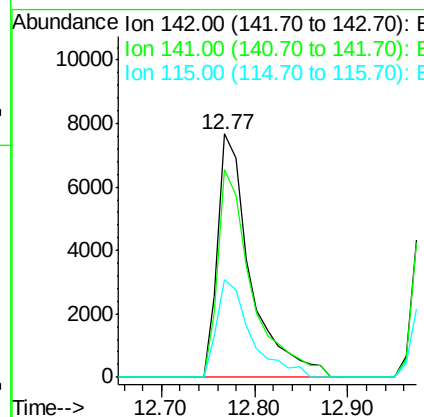
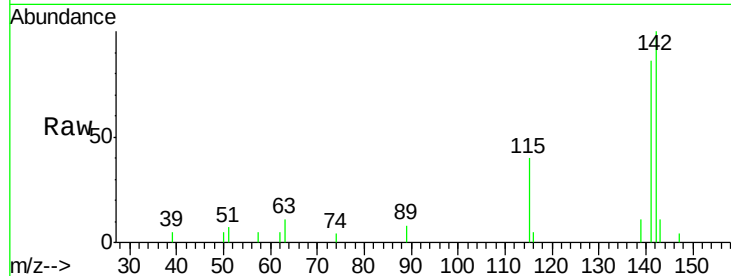




#37
2-Methylnaphthalene
Concen: 4.52 ng
RT: 12.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF081713.D
Acq: 21 Sep 2015 14:09

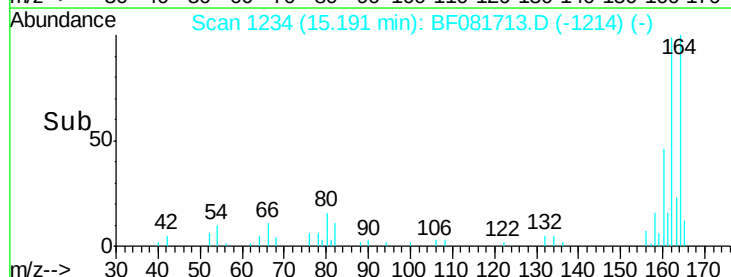
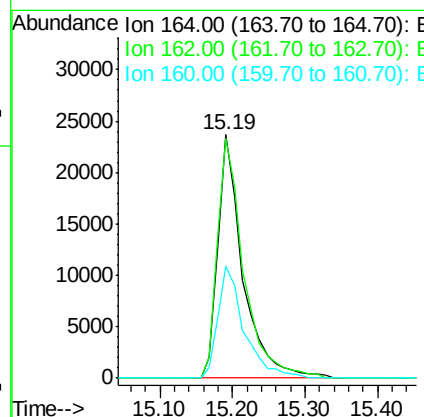
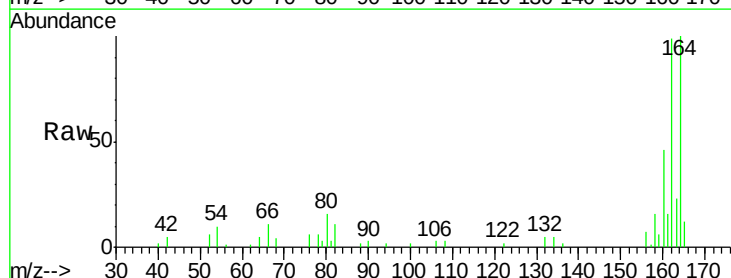
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

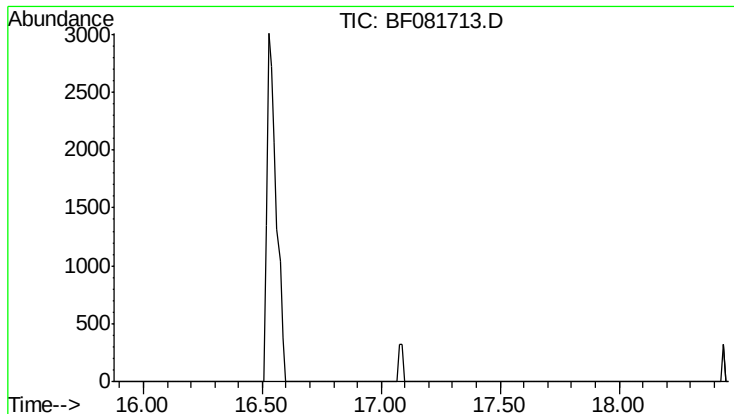
Tot Ion:142 Resp: 18896
Ion Ratio Lower Upper
142 100
141 85.6 67.5 101.3
115 39.9 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081713.D
Acq: 21 Sep 2015 14:09

Tgt Ion:164 Resp: 56881
Ion Ratio Lower Upper
164 100
162 98.7 75.2 112.8
160 46.1 31.5 47.3

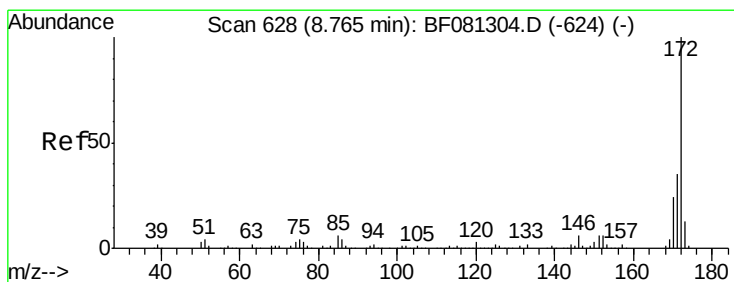
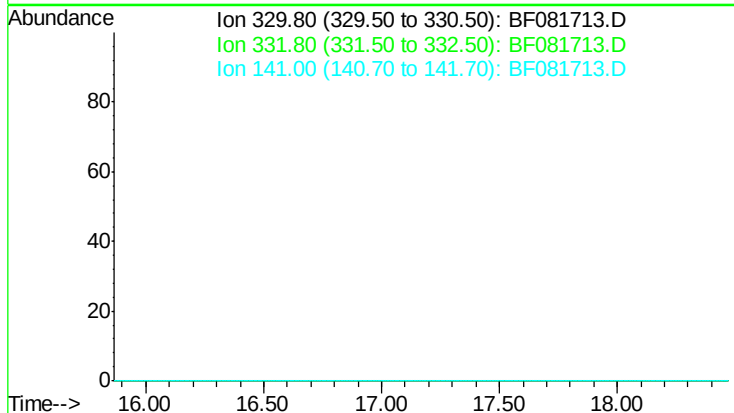




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 17.17 min
 Lab File: BF081713.D
 Acq: 21 Sep 2015 14:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

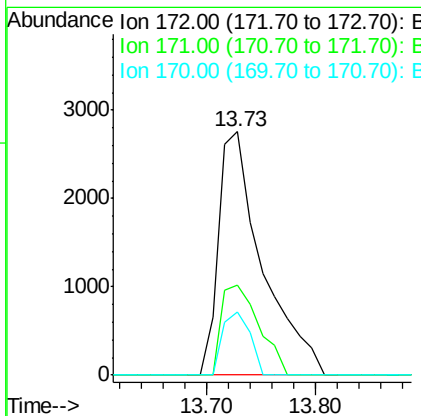
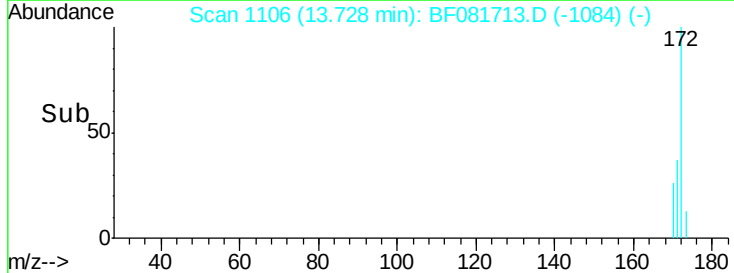
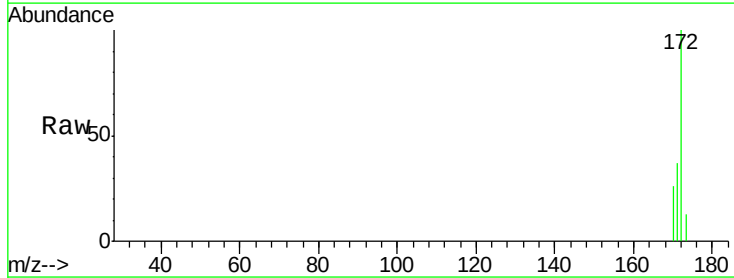
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1

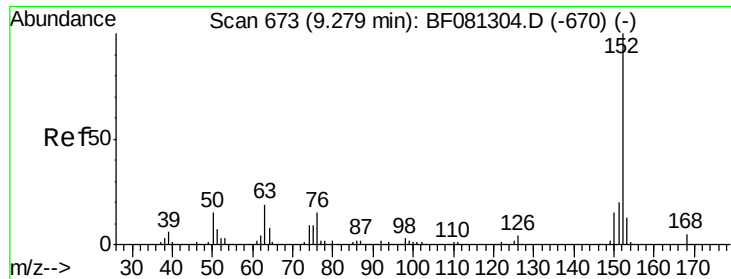


#44
 2-Fluorobiphenyl
 Concen: 1.73 ng
 RT: 13.73 min Scan# 1106
 Delta R.T. -0.04 min
 Lab File: BF081713.D
 Acq: 21 Sep 2015 14:09

Tgt Ion: 172 Resp: 7678

Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	26.1	17.4	26.2





#48

Acenaphthylene

Concen: 2.08 ng

RT: 14.86 min Scan# 1205

Delta R.T. -0.06 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

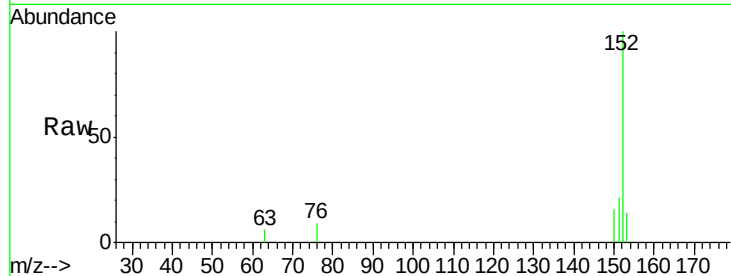
Tot Ion:152 Resp: 13917

Ion Ratio Lower Upper

152 100

151 20.7 14.6 22.0

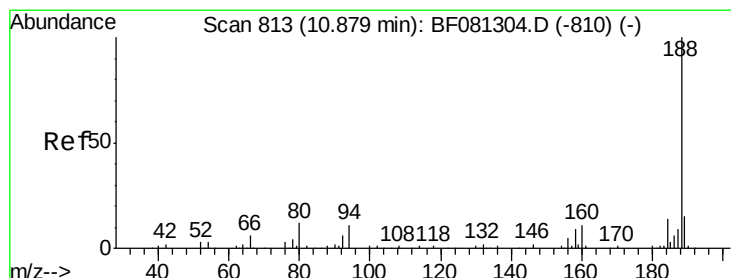
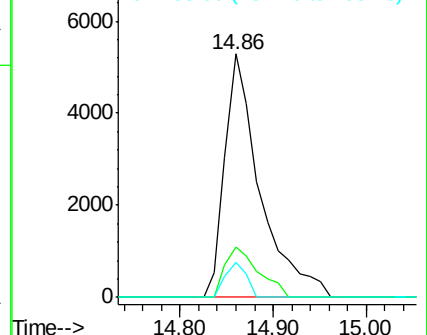
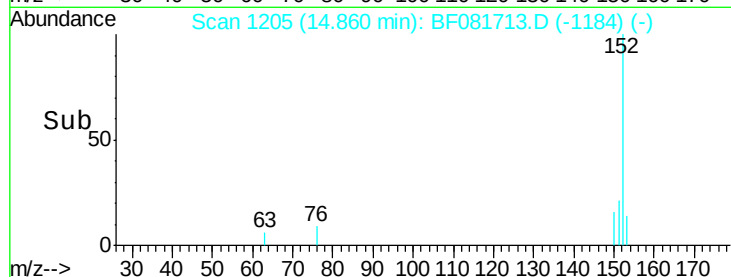
153 14.2 10.3 15.5



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: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081713.D

Acq: 21 Sep 2015 14:09

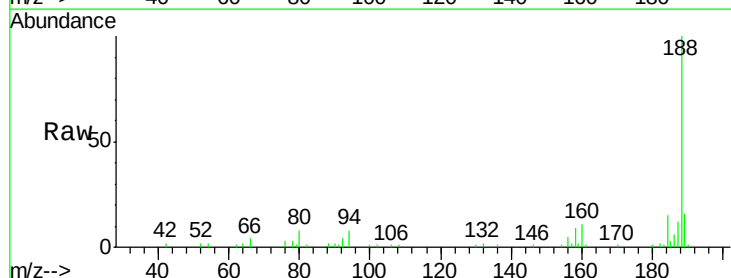
Tgt Ion:188 Resp: 121292

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

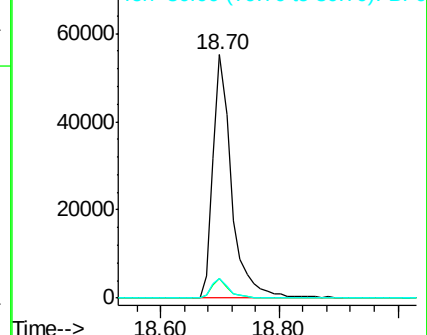
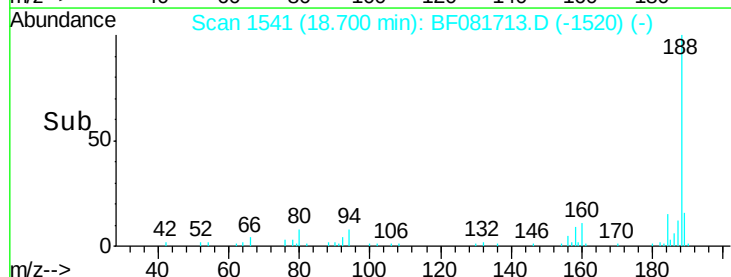
80 8.3 11.0 16.4#

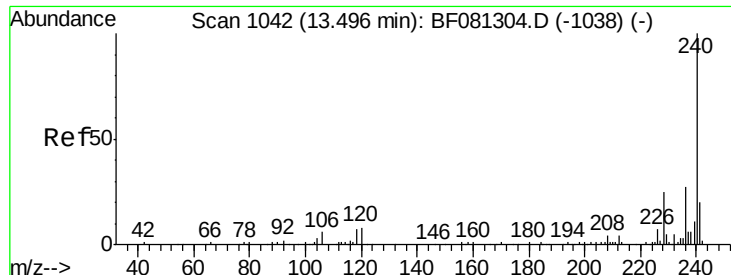


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

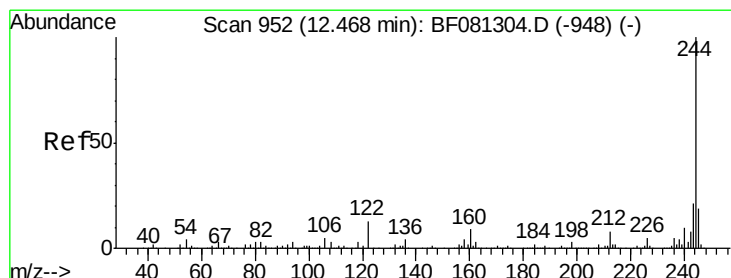
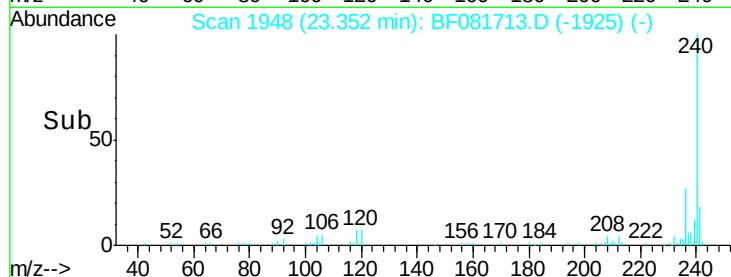
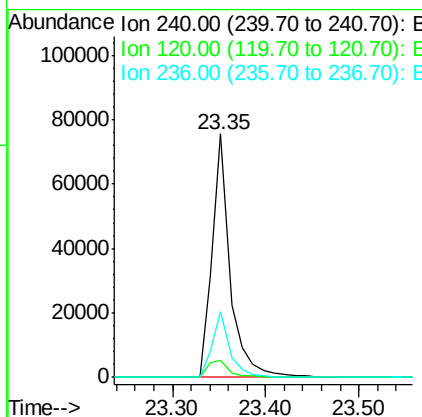
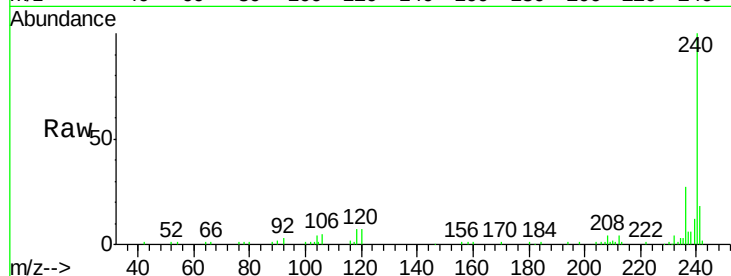




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081713.D
 Acq: 21 Sep 2015 14:09

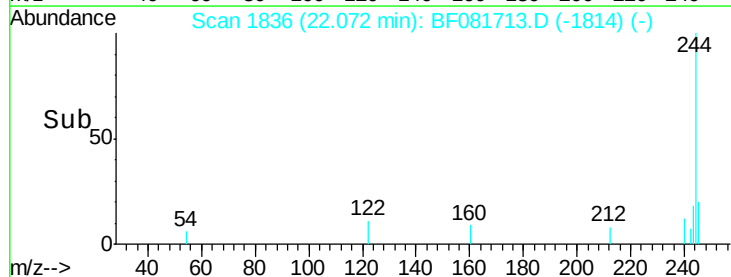
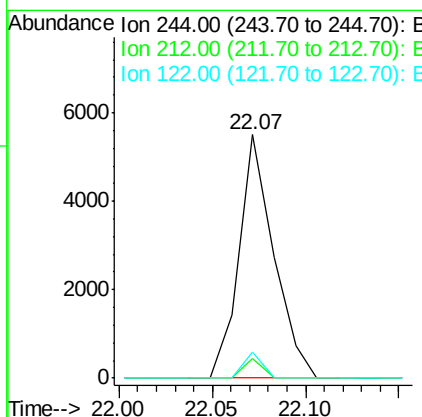
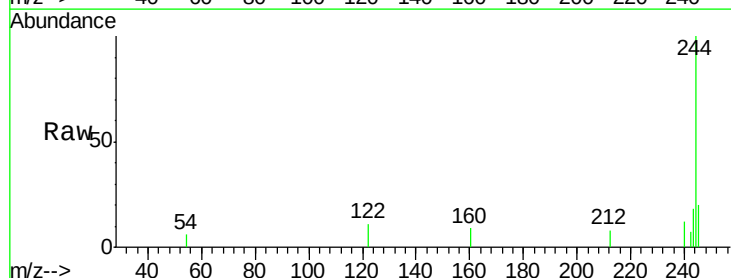
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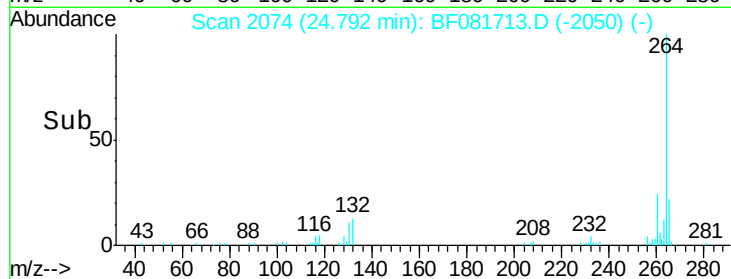
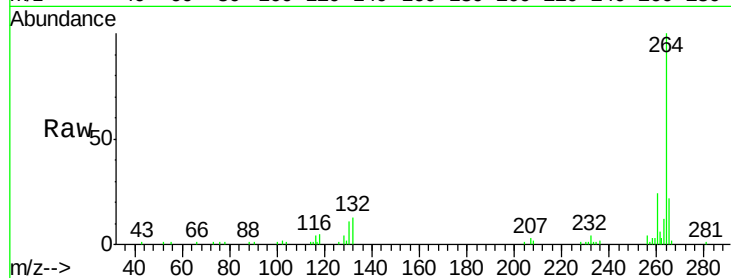
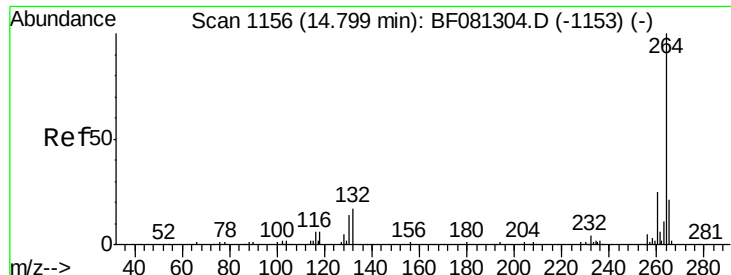
Tot Ion:240 Resp: 101728
 Ion Ratio Lower Upper
 240 100
 120 6.9 16.2 24.2#
 236 27.0 18.4 27.6



#78
 Terphenyl-d14
 Concen: 1.63 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081713.D
 Acq: 21 Sep 2015 14:09

Tgt Ion:244 Resp: 7142
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 10.8 17.4 26.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081713.D
Acq: 21 Sep 2015 14:09

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

Tot Ion:264	Resp:	68195
Ion Ratio	Lower	Upper
264	100	
260	23.9	16.7 25.1
265	21.8	17.2 25.8

