

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 19:22:05 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

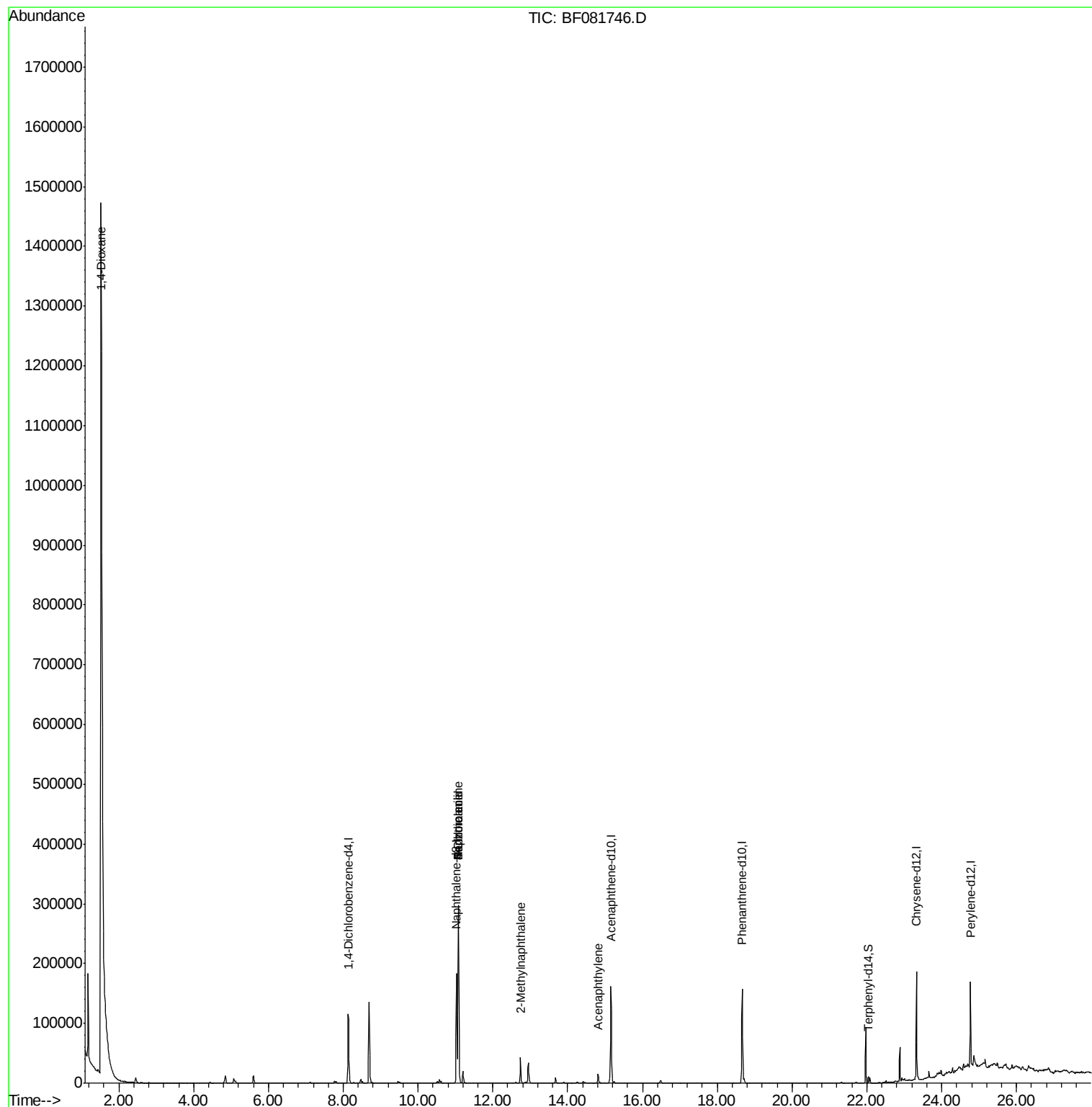
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34637	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	136490	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	61728	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	115966	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	72700	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						
2) 1,4-Dioxane	1.52	88	90003	89.77	ng	# 15
31) Naphthalene	11.08	128	244142	33.54	ng	98
32) Benzoic acid	11.08	122	530	2.86	ng	# 1
33) 4-Chloroaniline	11.08	127	31823	10.72	ng	# 37
37) 2-Methylnaphthalene	12.73	142	22249	4.70	ng	# 91
48) Acenaphthylene	14.81	152	15290	2.10	ng	99

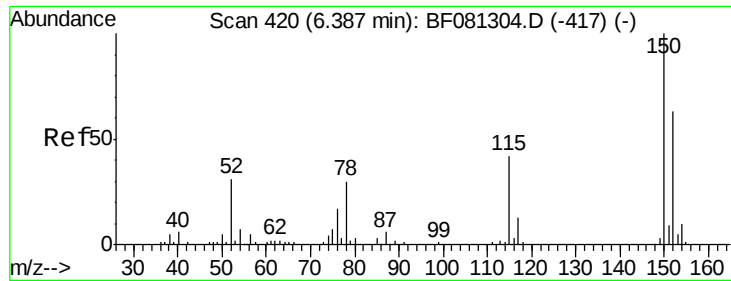
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 19:22:05 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





#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

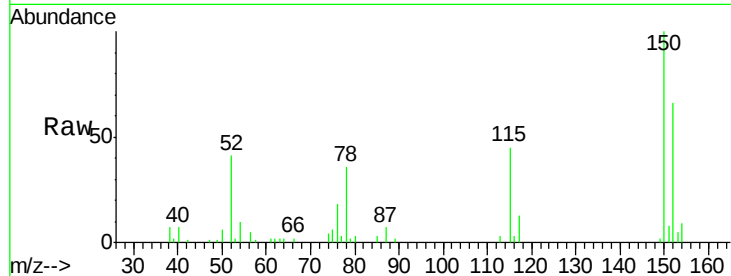
Tgt Ion:152 Resp: 34637

Ion Ratio Lower Upper

152 100

150 152.6 124.7 187.1

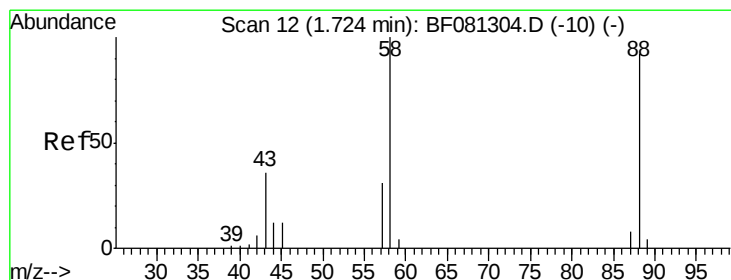
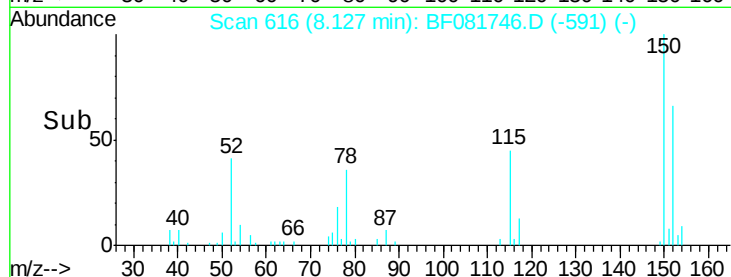
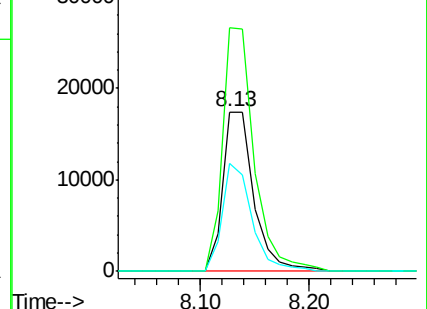
115 68.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 89.77 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081746.D

Acq: 22 Sep 2015 18:49

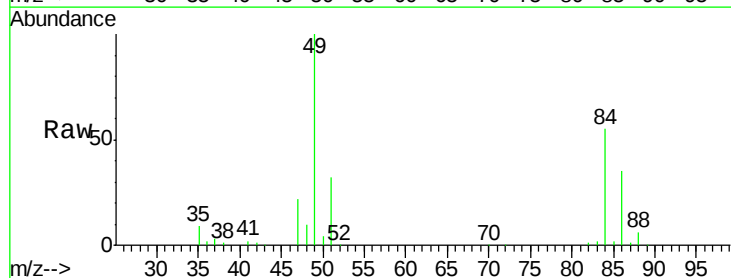
Tgt Ion: 88 Resp: 90003

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

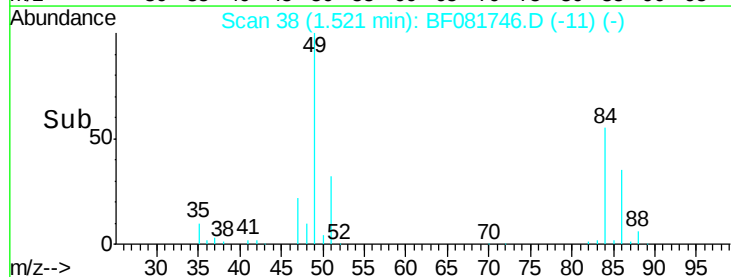
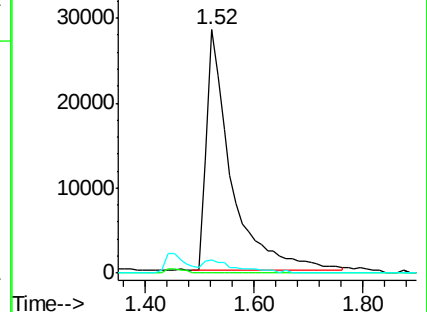
43 7.3 26.6 40.0#

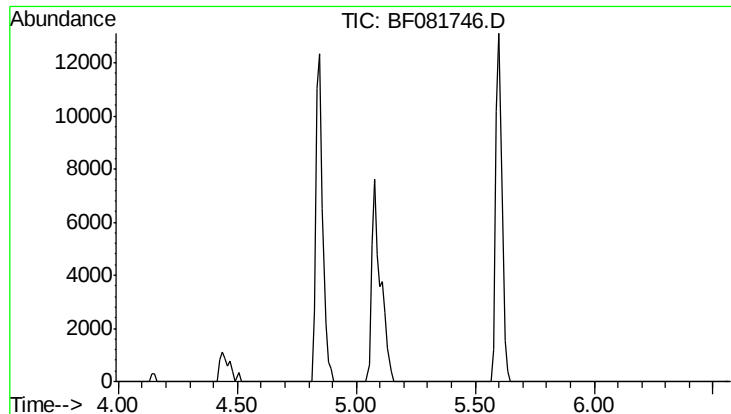


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

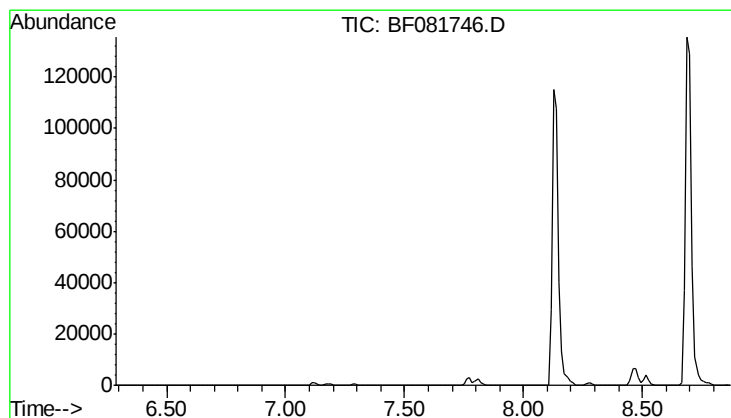
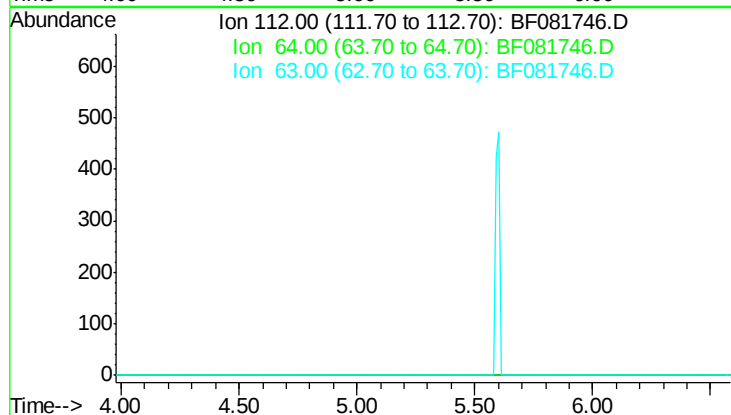




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.28 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

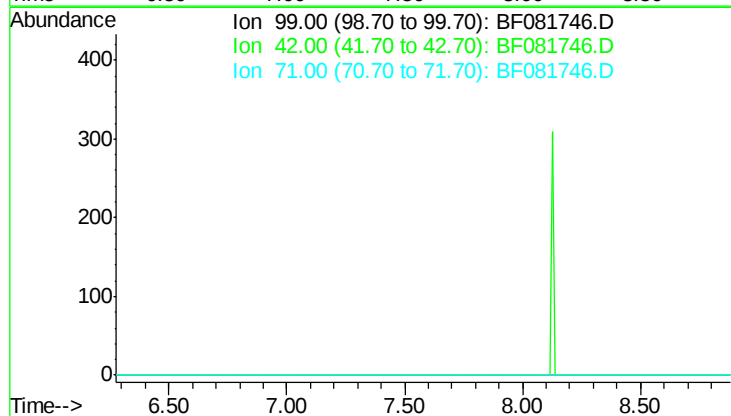
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

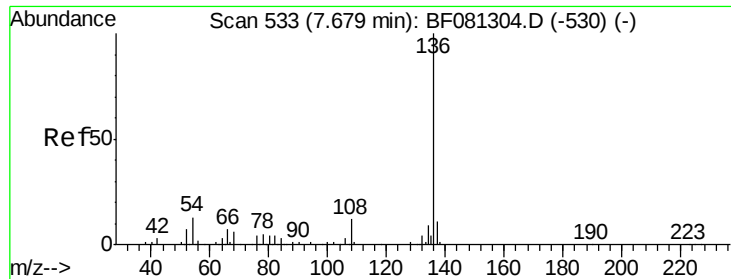
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 49.6
 63 21.7



#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.58 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

Tgt 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

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

Tgt Ion:136 Resp: 136490

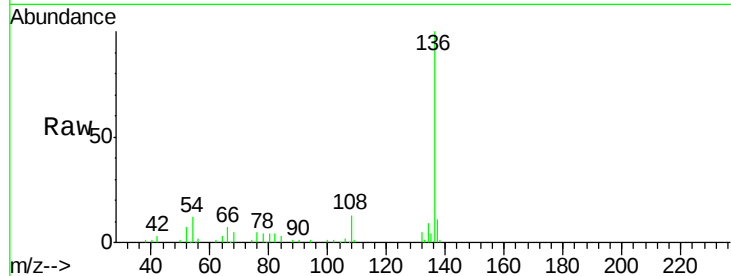
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.1 8.2 12.2

68 5.3 5.8 8.6#

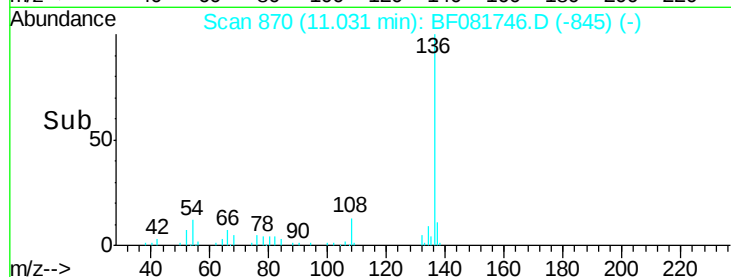


Abundance Ion 136.00 (135.70 to 136.70): E

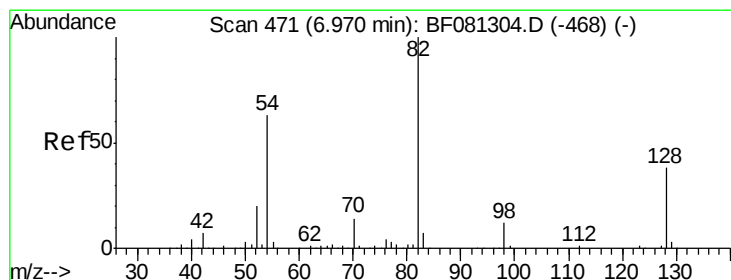
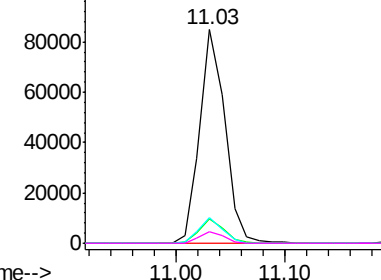
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

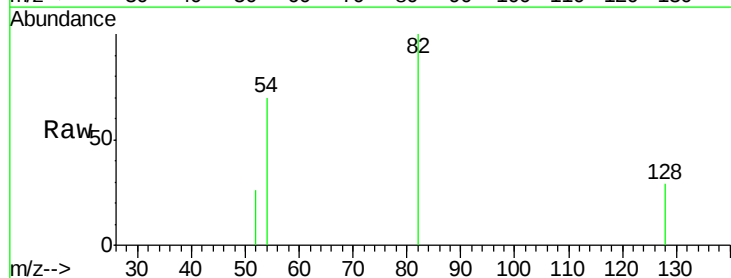
Tgt Ion: 82 Resp: 3950

Ion Ratio Lower Upper

82 100

128 29.0 51.0 76.6#

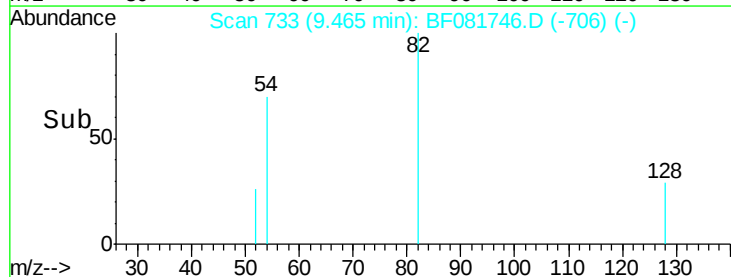
54 70.4 47.5 71.3



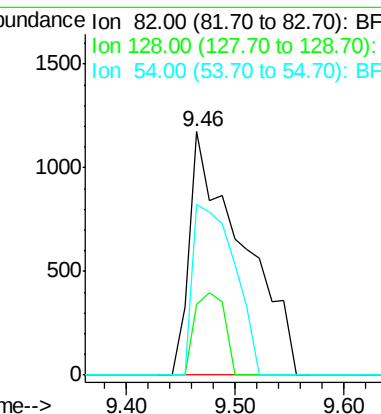
Abundance Ion 82.00 (81.70 to 82.70): BF0

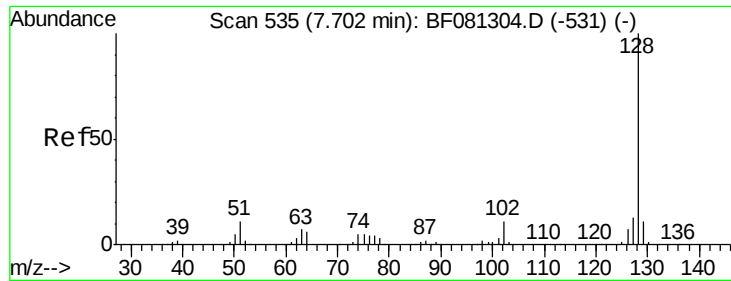
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

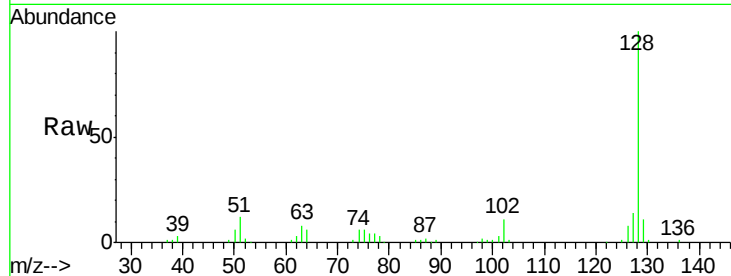




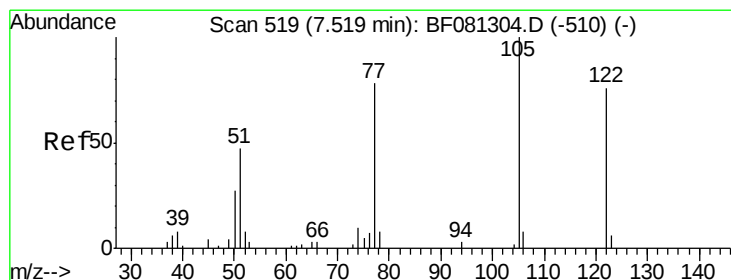
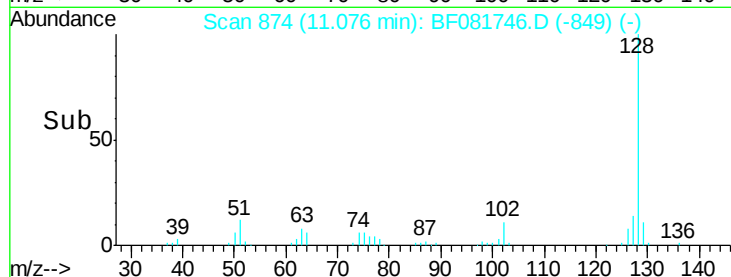
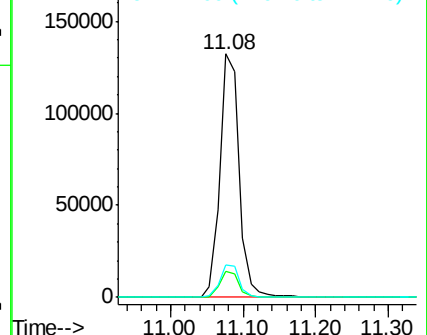
#31
Naphthalene
Concen: 33.54 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

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

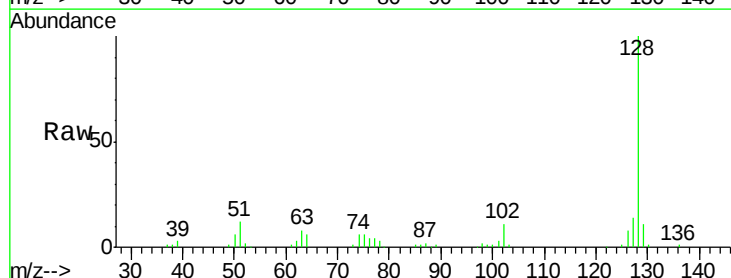


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

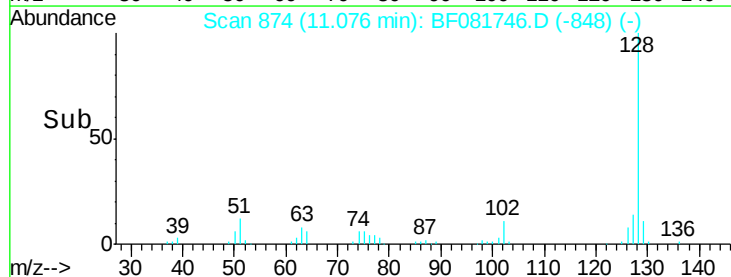
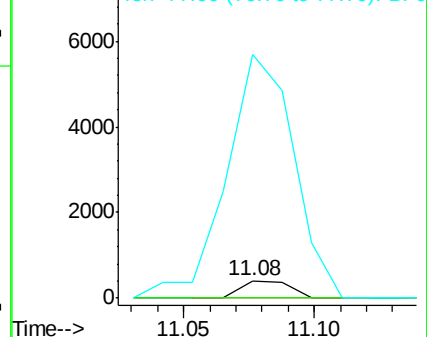


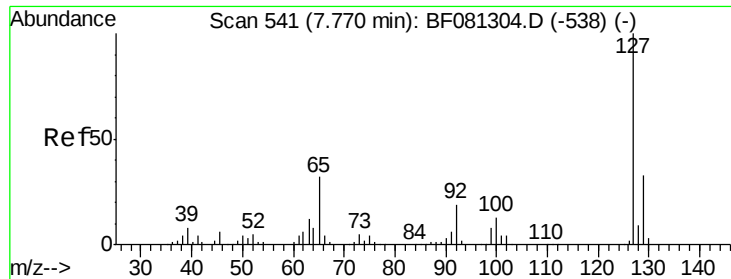
#32
Benzoic acid
Concen: 2.86 ng
RT: 11.08 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

Tgt Ion:122 Resp: 530
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 1425.3 40.5 80.5#



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

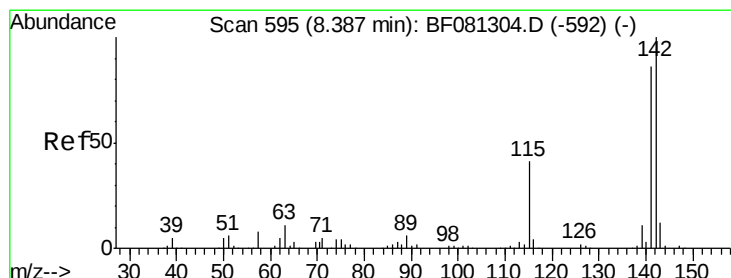
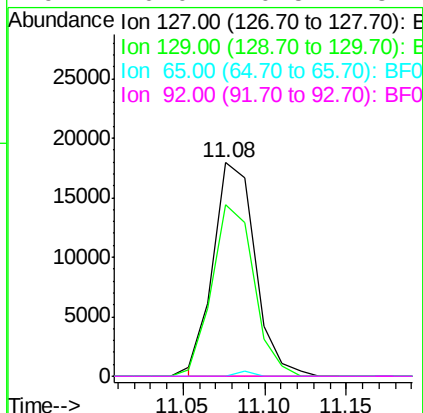
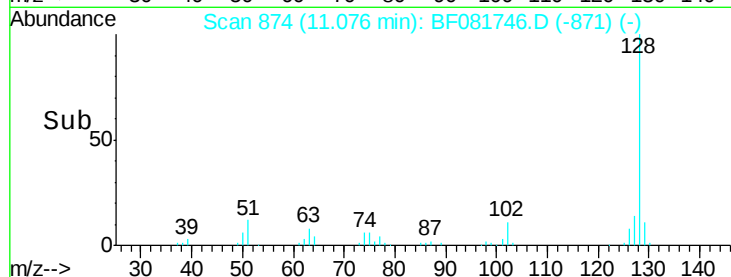
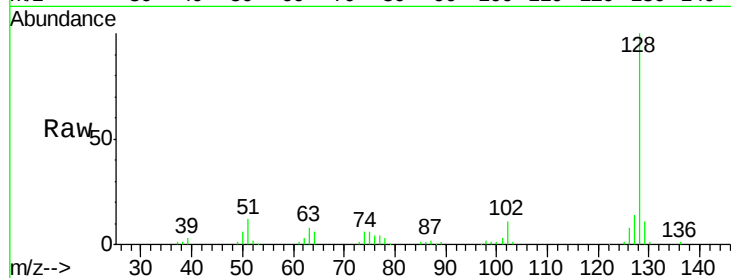




#33
4-Chloroaniline
Concen: 10.72 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.26 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

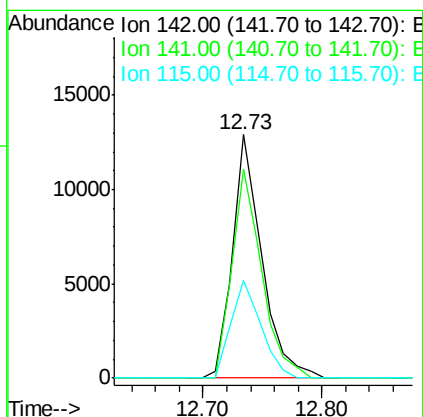
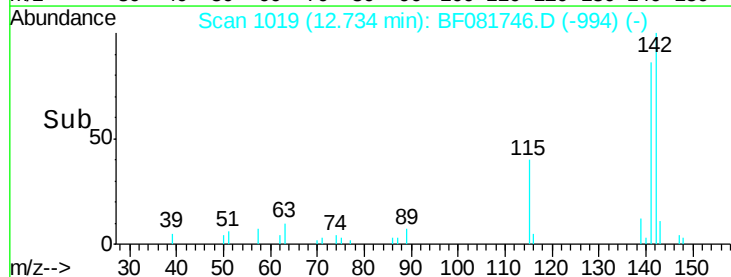
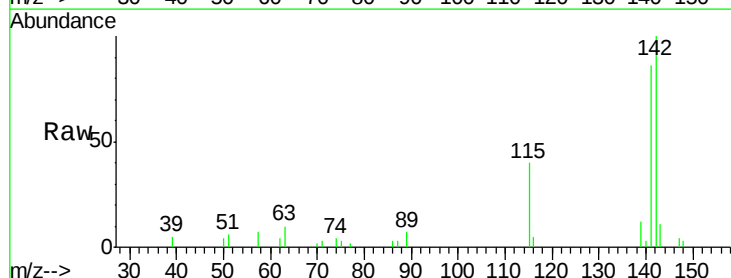
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

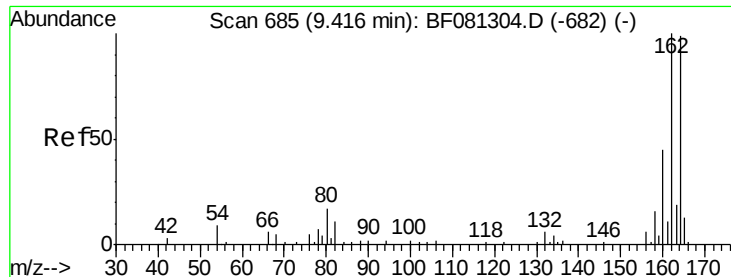
Tgt Ion:127 Resp: 31823
Ion Ratio Lower Upper
127 100
129 80.1 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#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

Tgt Ion:142 Resp: 22249
Ion Ratio Lower Upper
142 100
141 85.7 67.5 101.3
115 40.3 18.2 27.2#





#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

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL2

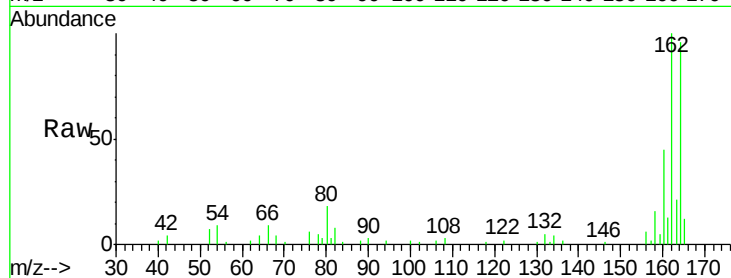
Tgt Ion:164 Resp: 61728

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

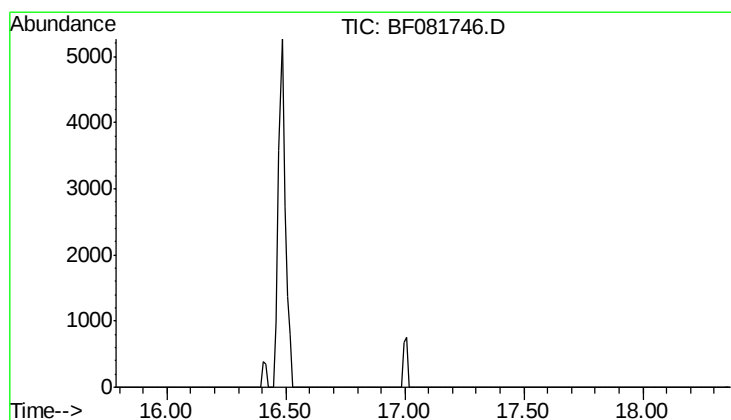
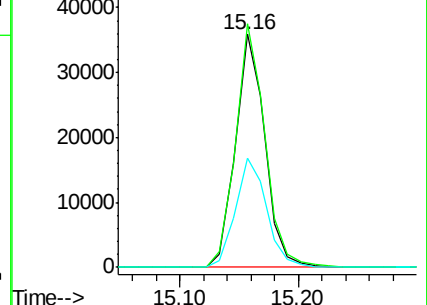
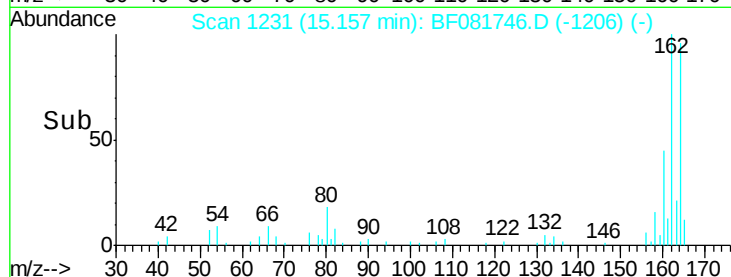
160 46.9 31.5 47.3



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

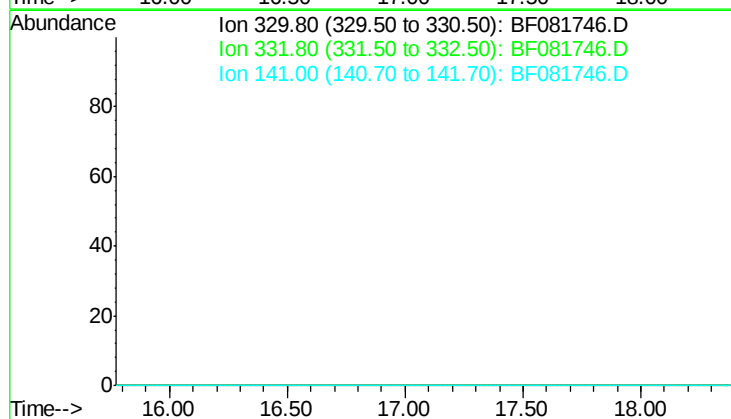
Tgt Ion: 330

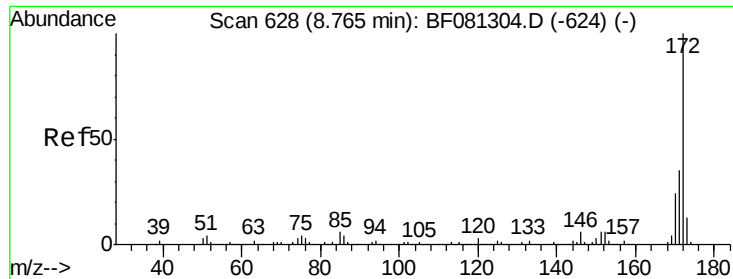
Sig Exp Ratio

330 100

332 95.7

141 37.1

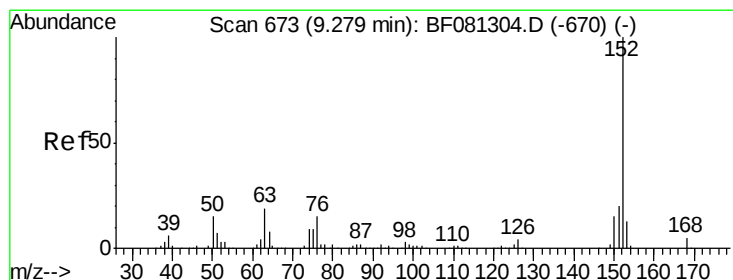
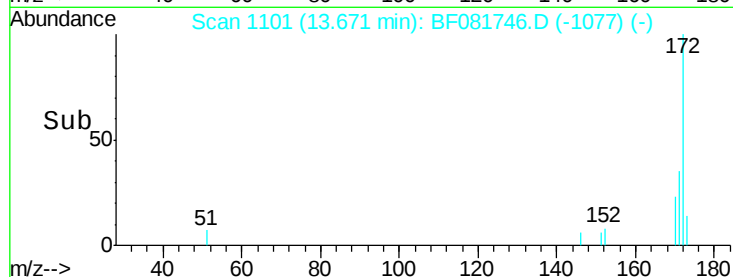
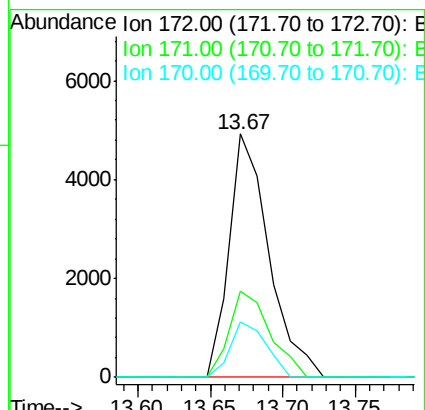
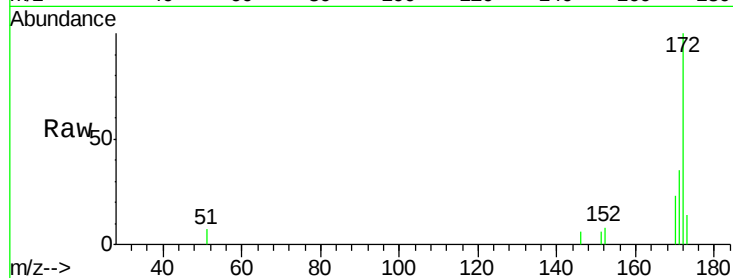




#44
 2-Fluorobiphenyl
 Concen: 1.94 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

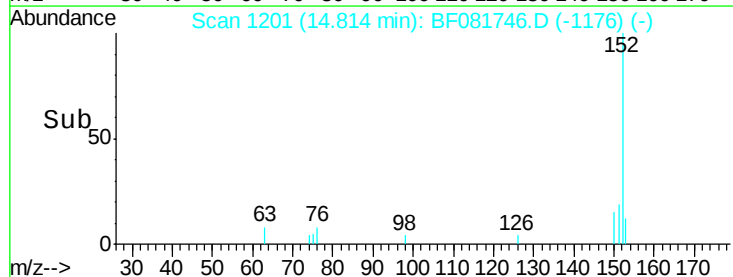
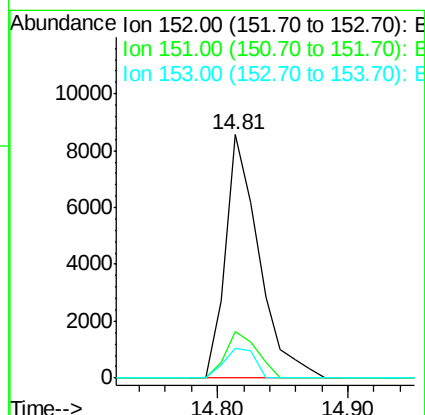
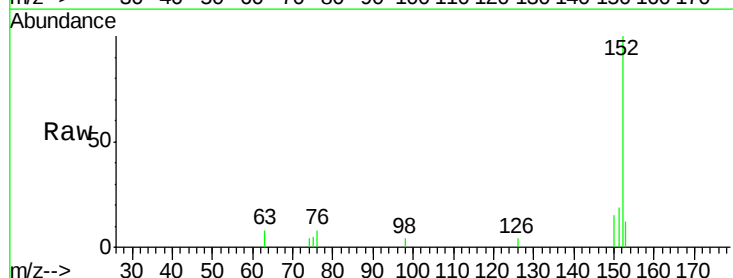
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

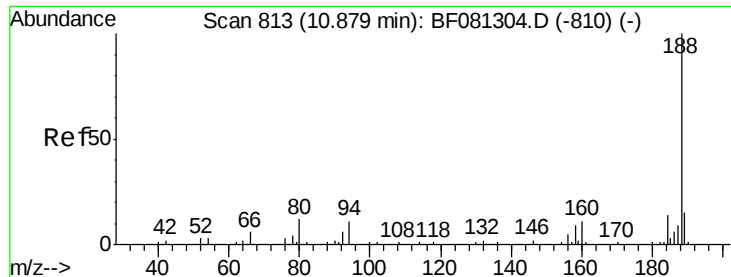
Tgt Ion:172 Resp: 9362
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 22.9 17.4 26.2



#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

Tgt Ion:152 Resp: 15290
 Ion Ratio Lower Upper
 152 100
 151 19.0 14.6 22.0
 153 12.4 10.3 15.5

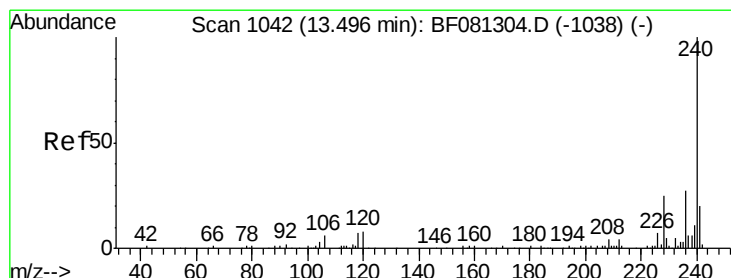
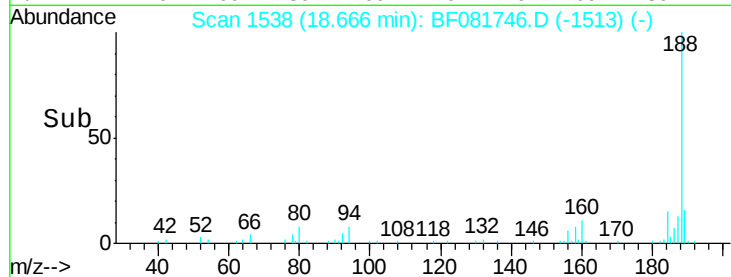
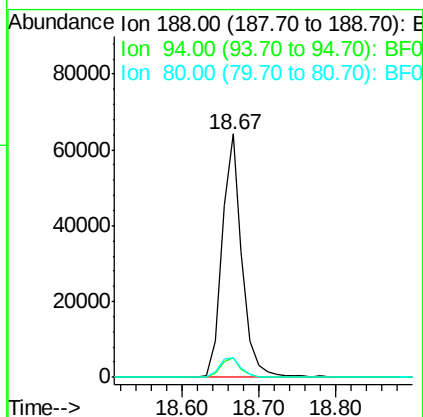
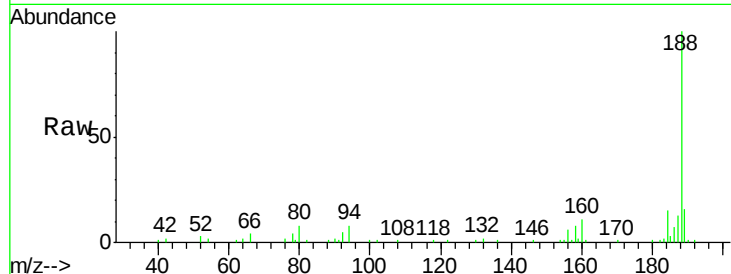




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081746.D
Acq: 22 Sep 2015 18:49

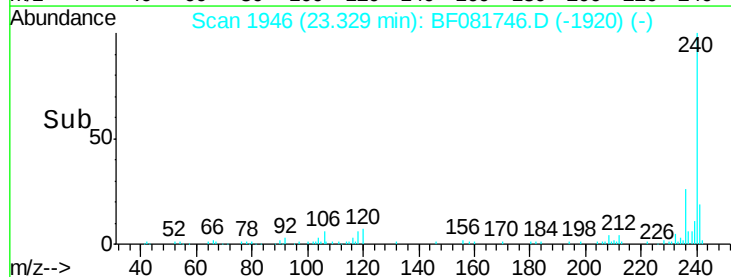
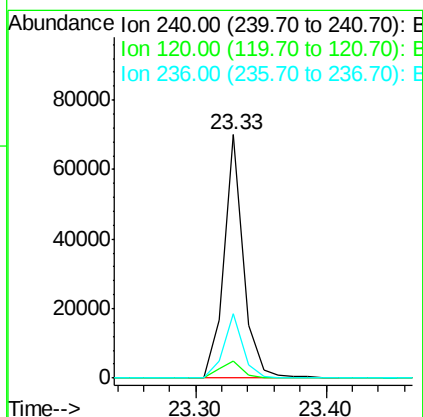
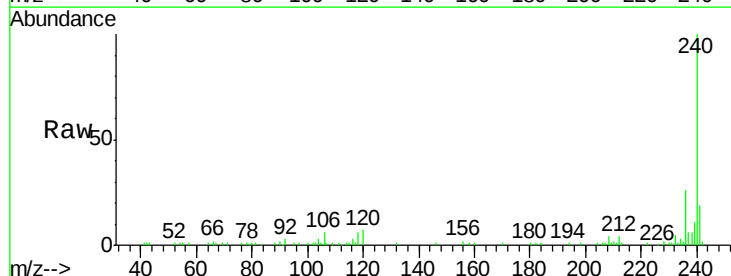
Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL2

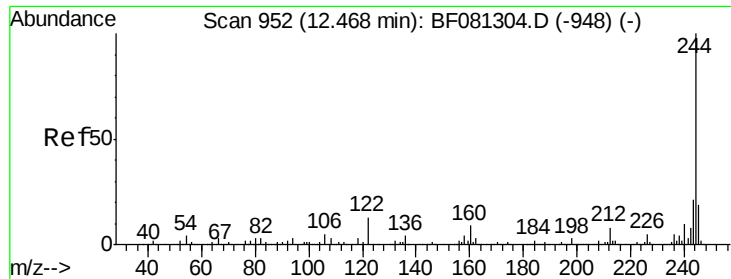
Tgt Ion:188 Resp: 115966
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 8.3 11.0 16.4#



#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

Tgt Ion:240 Resp: 72700
Ion Ratio Lower Upper
240 100
120 7.3 16.2 24.2#
236 26.2 18.4 27.6

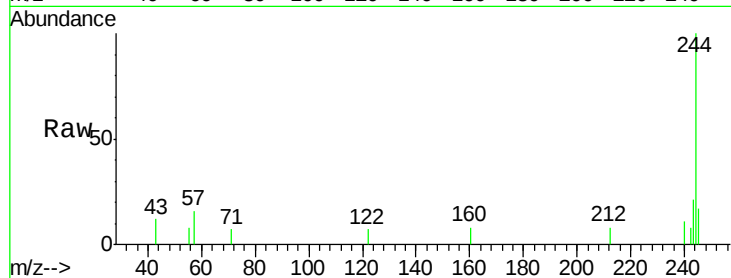




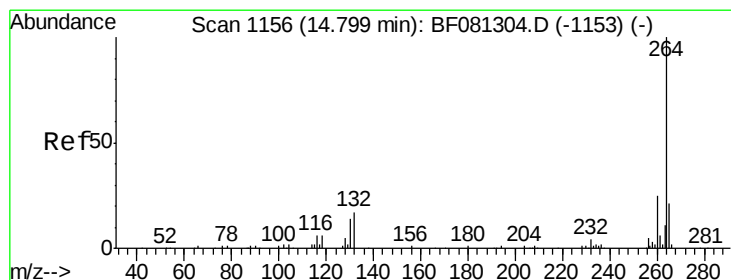
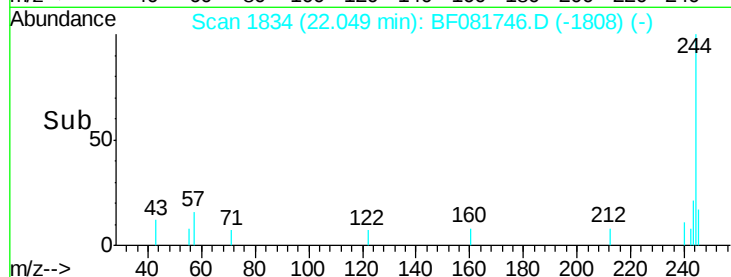
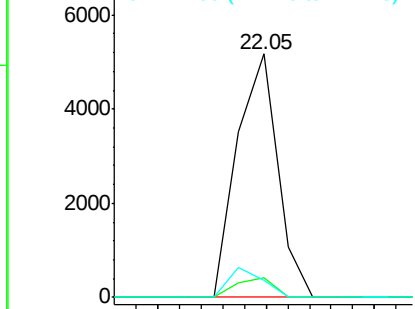
#78
 Terphenyl-d14
 Concen: 2.14 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081746.D
 Acq: 22 Sep 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL2

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#

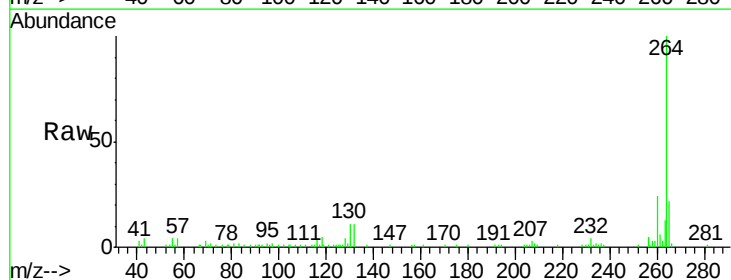


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-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

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



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

