

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081683.D
 Acq On : 17 Sep 2015 17:39
 Operator : UM/IZ
 Sample : G3669-01DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL

Quant Time: Sep 18 04:11:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

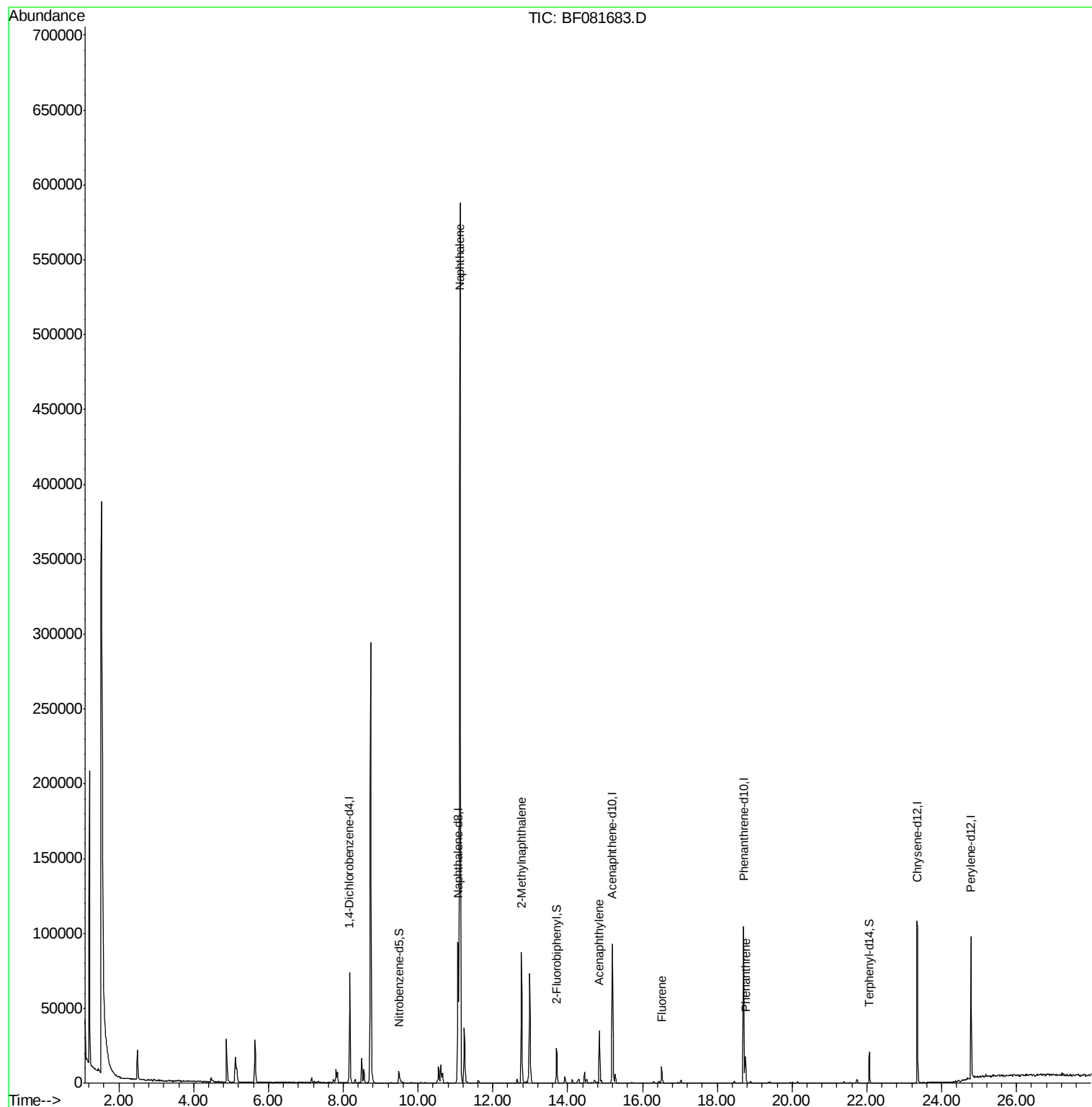
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	20002	20.00	ng	-0.04
21) Naphthalene-d8	11.06	136	81948	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	38863	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	80872	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	66074	20.00	ng	-0.03
86) Perylene-d12	24.78	264	46439	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.73	99	208	0.12	ng	0.08
23) Nitrobenzene-d5	9.49	82	8832	5.20	ng	-0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.71	172	17710	5.84	ng	-0.07
78) Terphenyl-d14	22.07	244	14257	5.02	ng	-0.04
Target Compounds						
31) Naphthalene	11.12	128	455204	104.16	ng	Qvalue 99
37) 2-Methylnaphthalene	12.77	142	41939	14.75	ng	# 88
48) Acenaphthylene	14.85	152	31521	6.88	ng	97
57) Fluorene	16.52	166	9118	3.16	ng	98
70) Phenanthrene	18.76	178	17337	3.86	ng	98

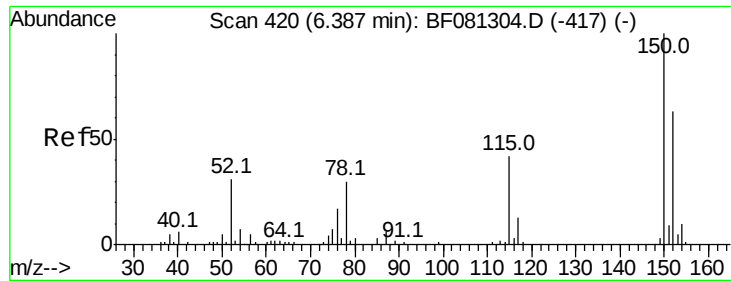
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL

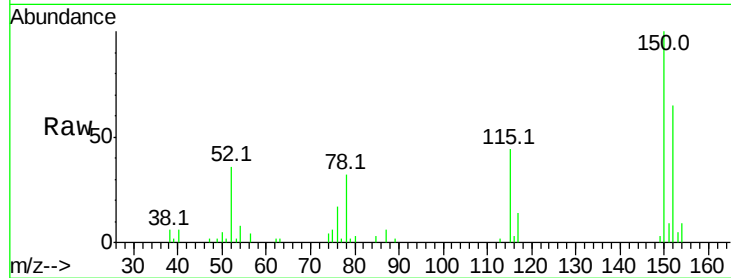
Tgt Ion:152 Resp: 20002

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

115 68.0 39.0 58.4#

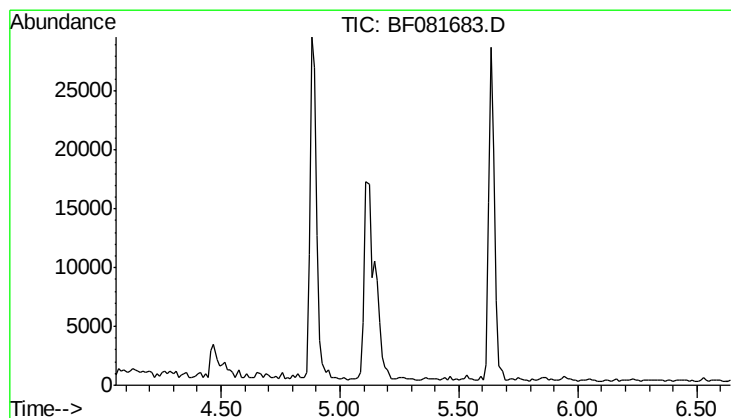
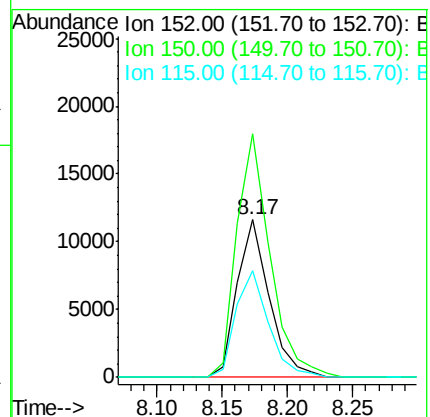
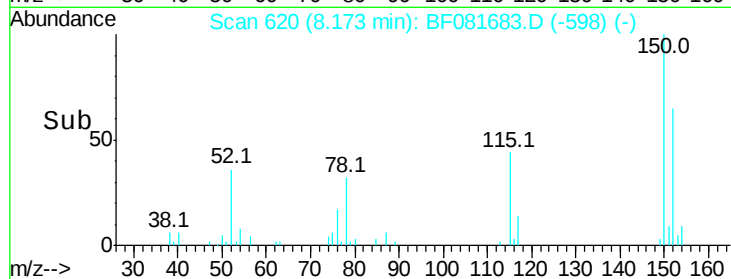


Abundance

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: 5.35 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

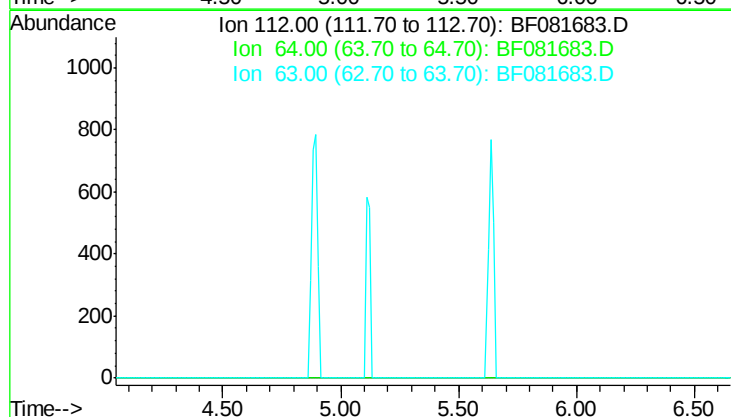
Tgt Ion: 112

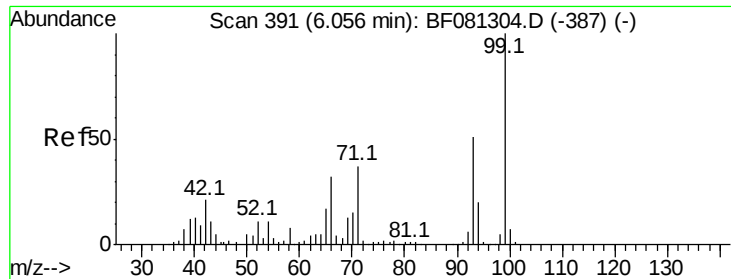
Sig Exp Ratio

112 100

64 49.6

63 21.7





#7

Phenol-d6

Concen: 0.12 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.08 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL

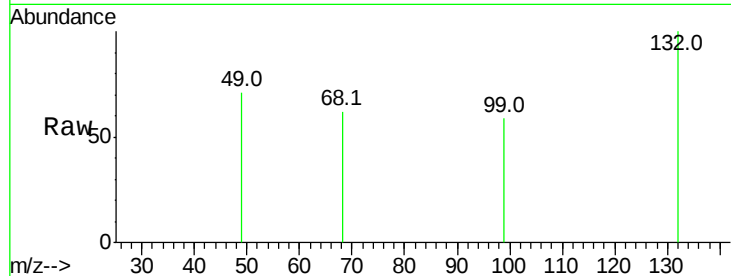
Tgt Ion: 99 Resp: 208

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

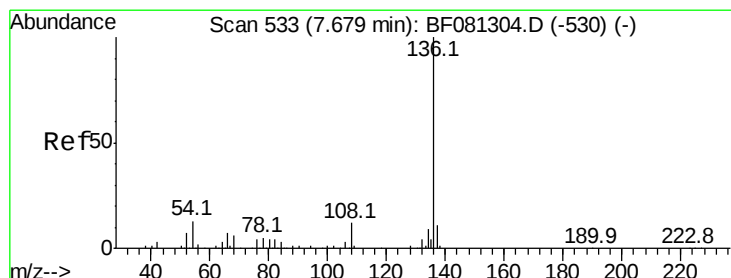
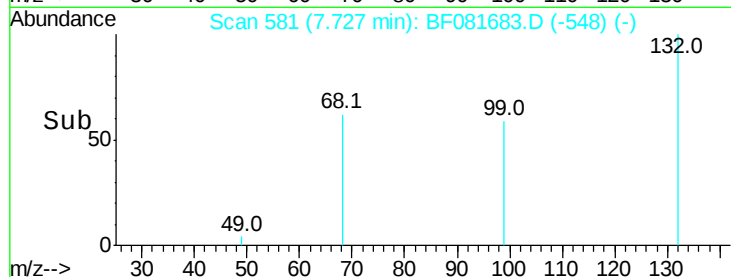
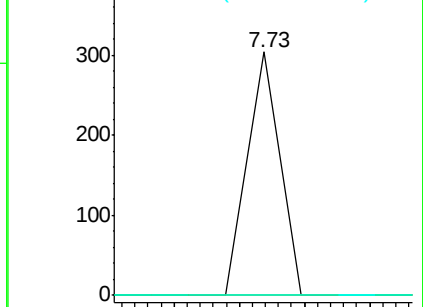
71 0.0 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Tgt Ion: 136 Resp: 81948

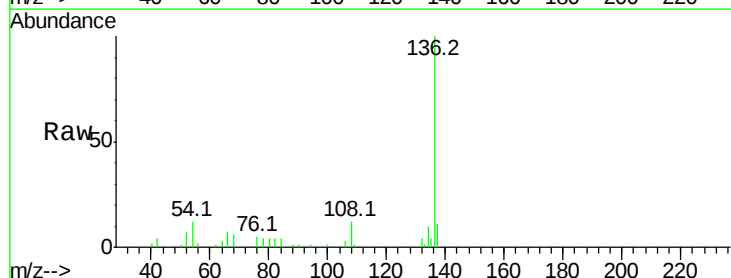
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 12.4 8.2 12.2#

68 5.6 5.8 8.6#

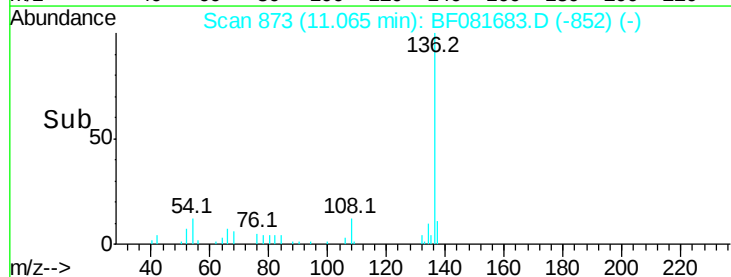
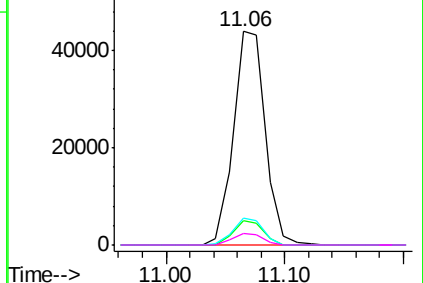


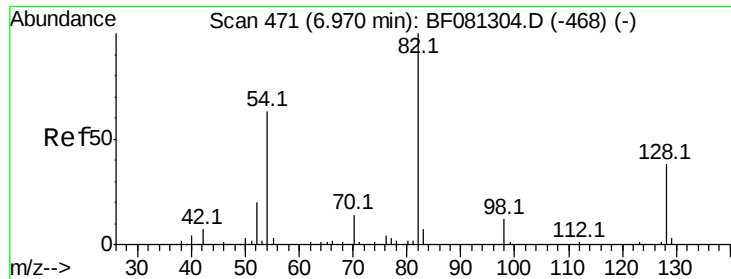
Abundance Ion 136.00 (135.70 to 136.70): E

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

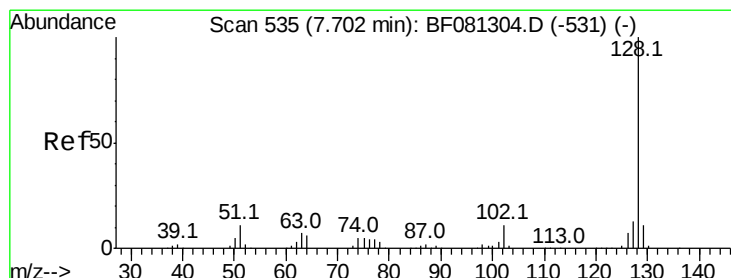
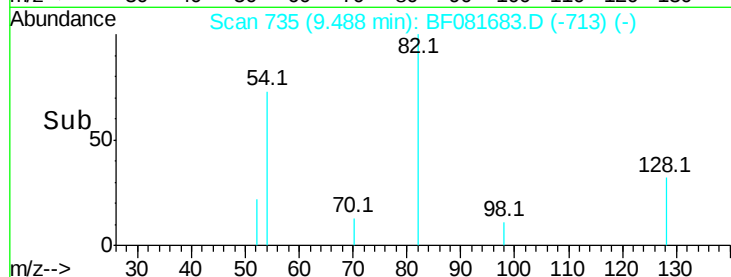
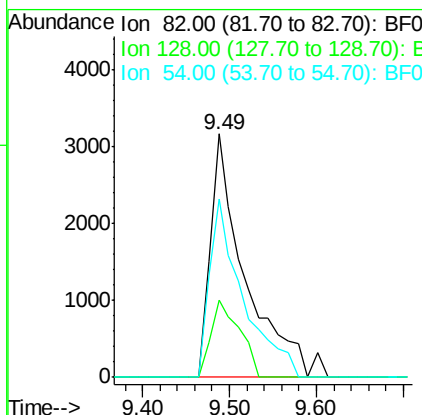
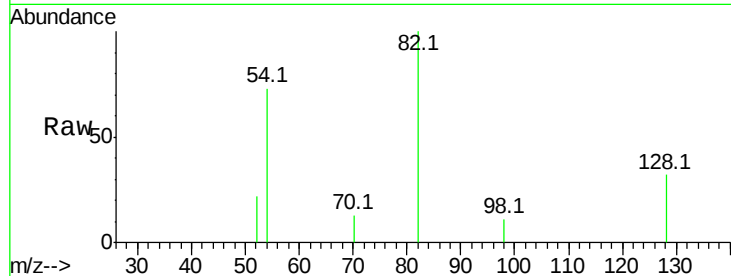




#23
 Nitrobenzene-d5
 Concen: 5.20 ng
 RT: 9.49 min Scan# 735
 Delta R.T. -0.04 min
 Lab File: BF081683.D
 Acq: 17 Sep 2015 17:39

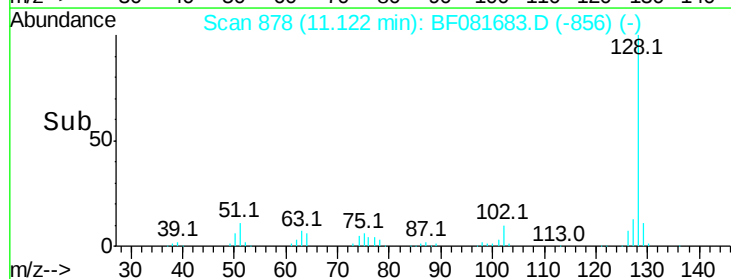
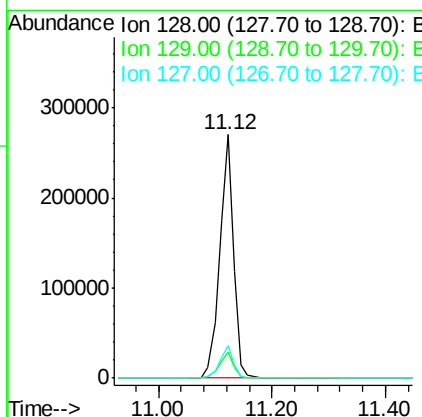
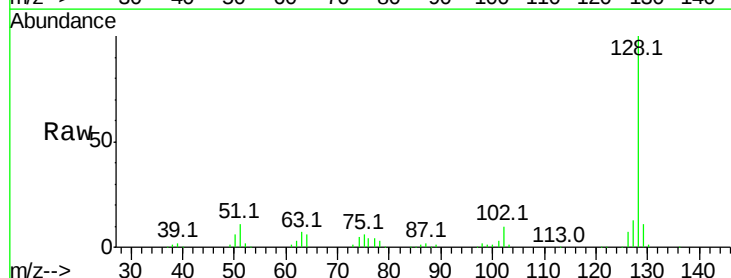
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL

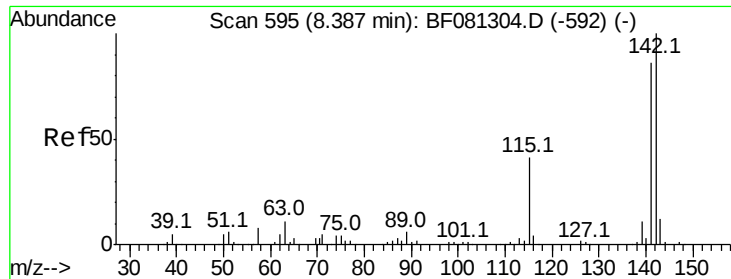
Tgt Ion: 82 Resp: 8832
 Ion Ratio Lower Upper
 82 100
 128 31.8 51.0 76.6#
 54 73.5 47.5 71.3#



#31
 Naphthalene
 Concen: 104.16 ng
 RT: 11.12 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF081683.D
 Acq: 17 Sep 2015 17:39

Tgt Ion: 128 Resp: 455204
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.4 12.6
 127 13.2 9.9 14.9





#37

2-Methylnaphthalene

Concen: 14.75 ng

RT: 12.77 min Scan# 1022

Delta R.T. -0.06 min

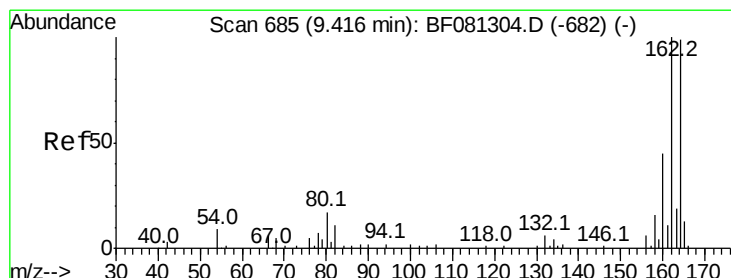
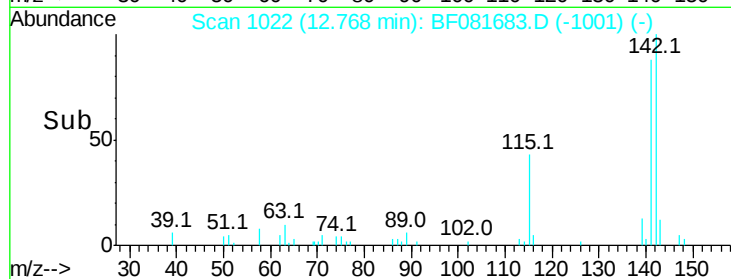
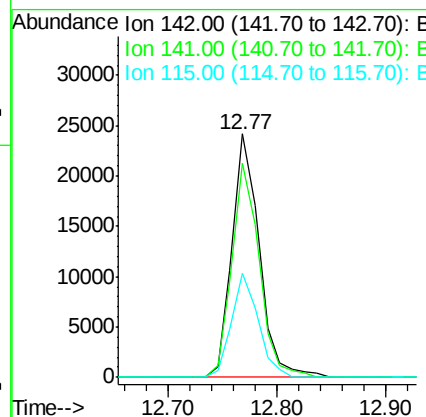
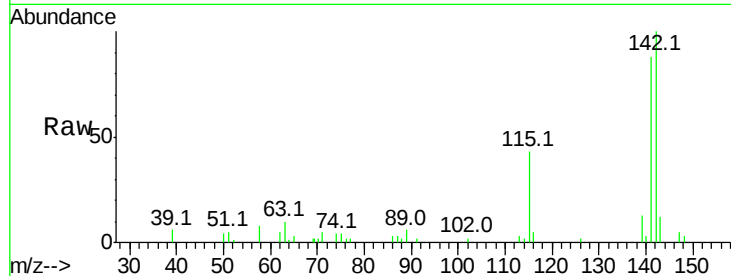
Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL

Tgt Ion:142 Resp: 41939

Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.5	101.3
115	42.5	18.2	27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

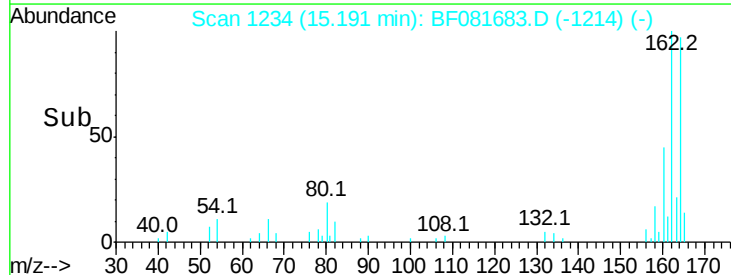
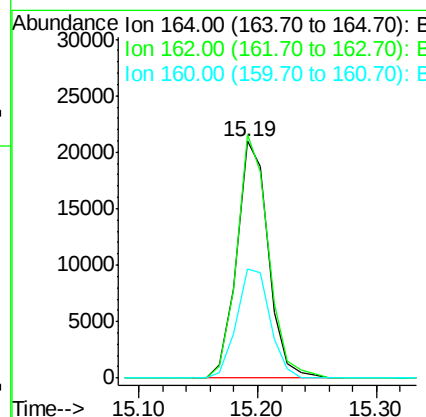
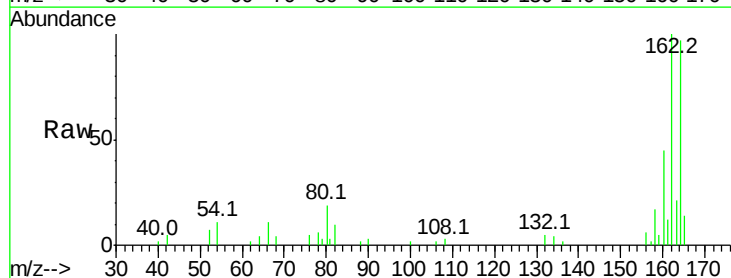
Delta R.T. -0.07 min

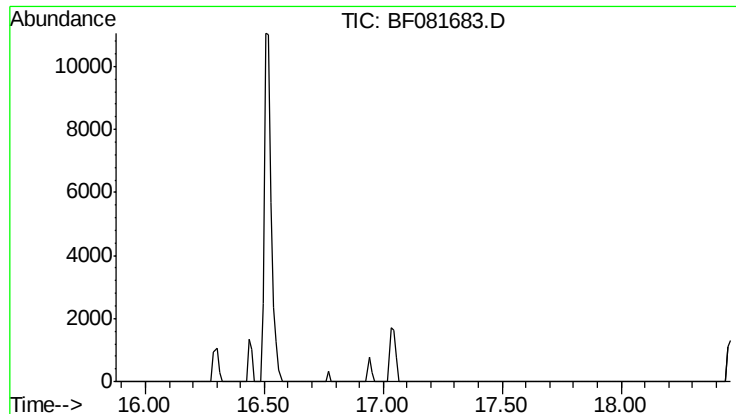
Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Tgt Ion:164 Resp: 38863

Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	46.1	31.5	47.3

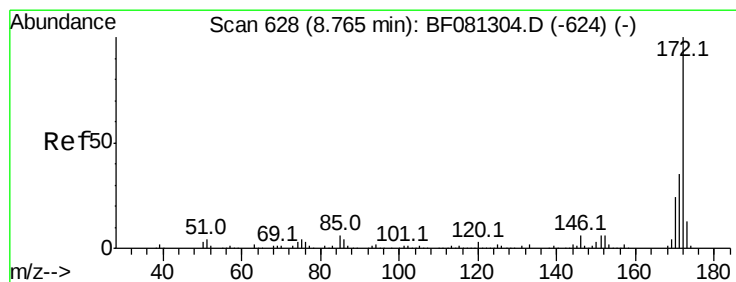
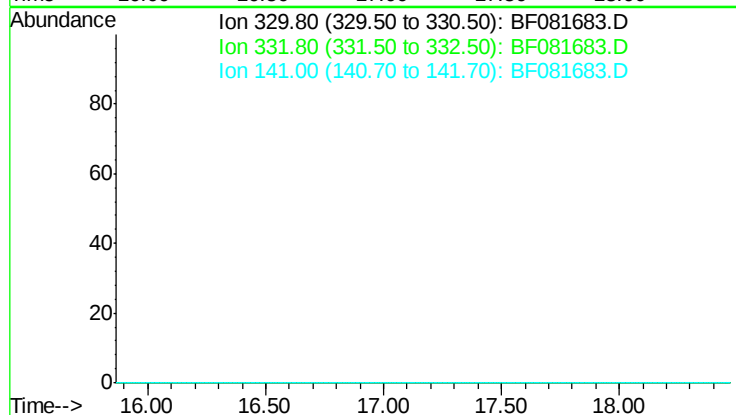




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 17.17 min
 Lab File: BF081683.D
 Acq: 17 Sep 2015 17:39

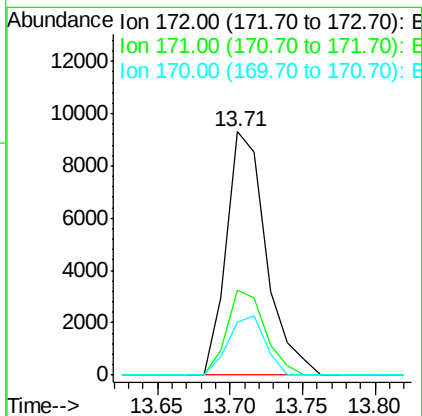
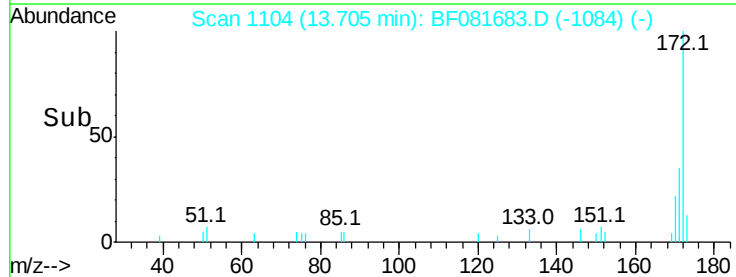
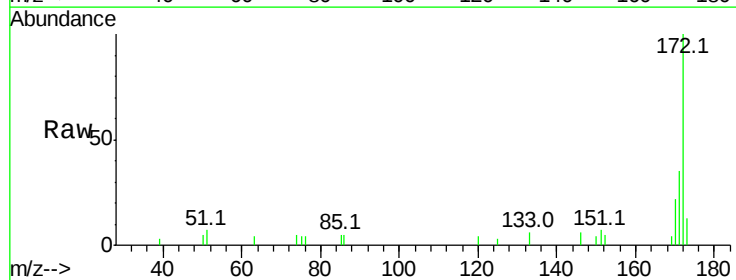
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERDL

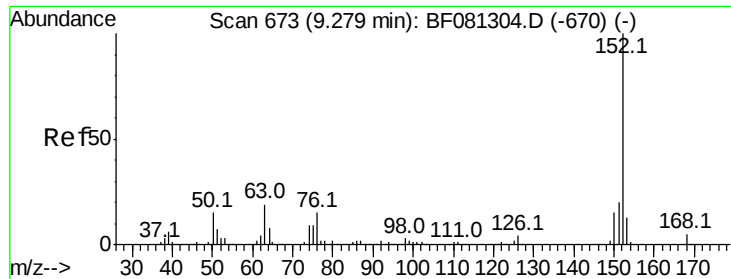
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#44
 2-Fluorobiphenyl
 Concen: 5.84 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081683.D
 Acq: 17 Sep 2015 17:39

Tgt Ion: 172 Resp: 17710
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.1 39.1
 170 21.7 17.4 26.2





#48

Acenaphthylene

Concen: 6.88 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.07 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL

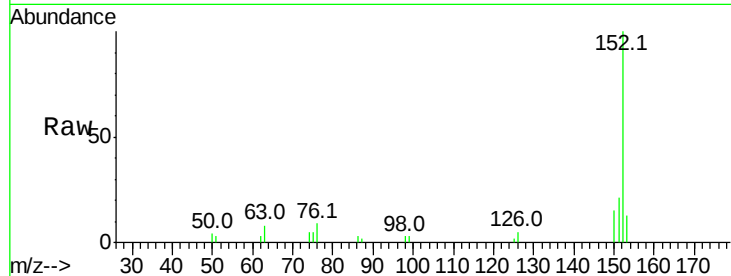
Tgt Ion:152 Resp: 31521

Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

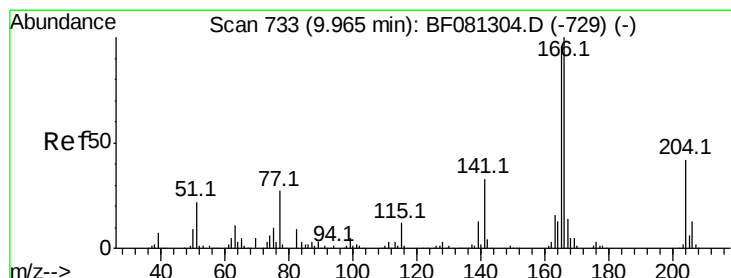
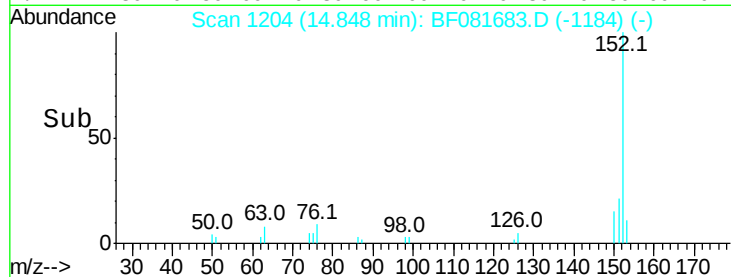
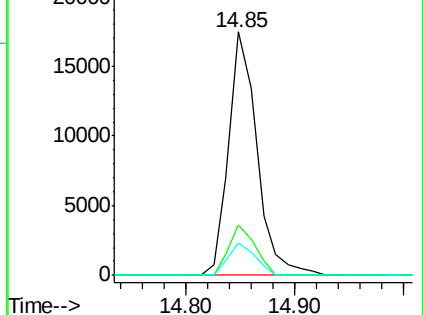
153 13.1 10.3 15.5



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



#57

Fluorene

Concen: 3.16 ng

RT: 16.52 min Scan# 1350

Delta R.T. -0.06 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

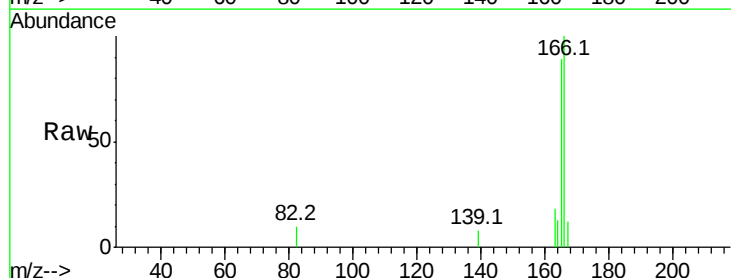
Tgt Ion:166 Resp: 9118

Ion Ratio Lower Upper

166 100

165 89.0 72.6 109.0

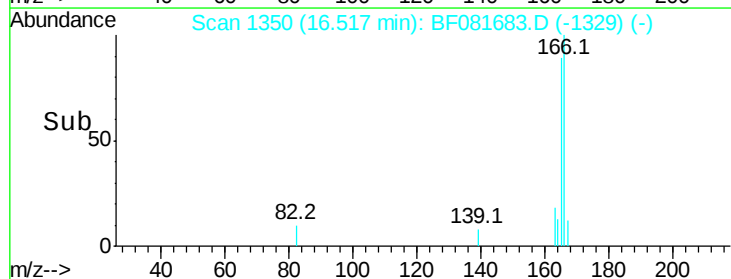
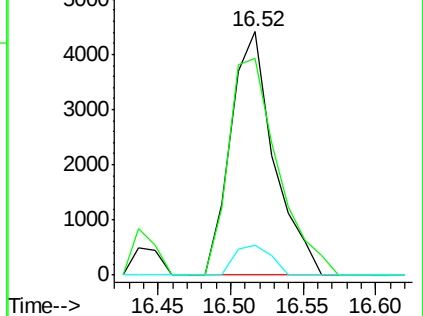
167 12.5 10.6 16.0

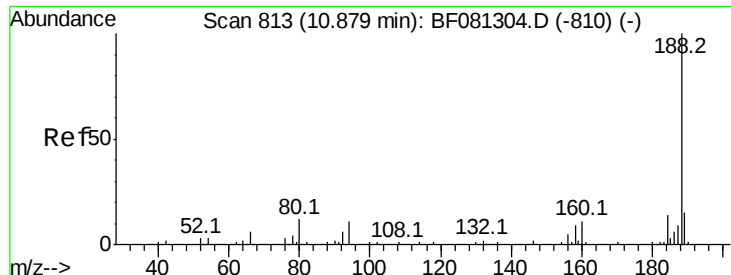


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

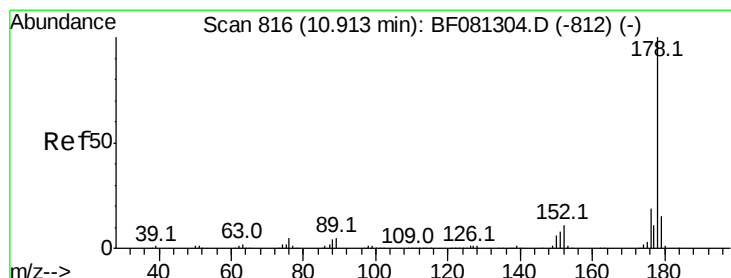
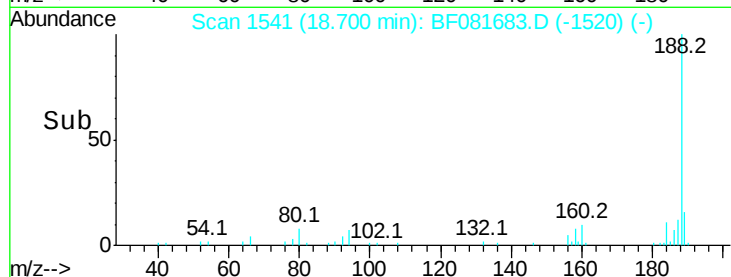
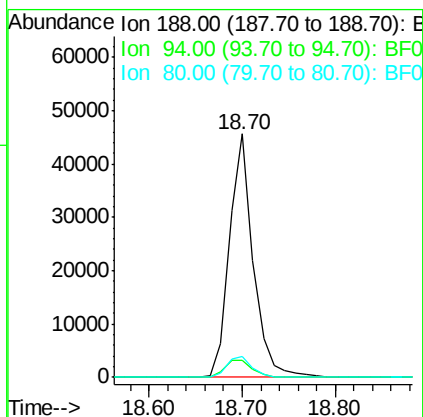
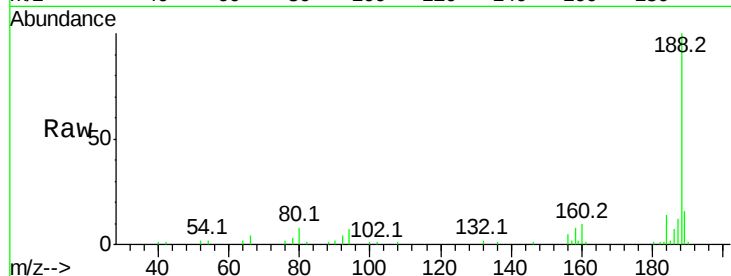




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081683.D
Acq: 17 Sep 2015 17:39

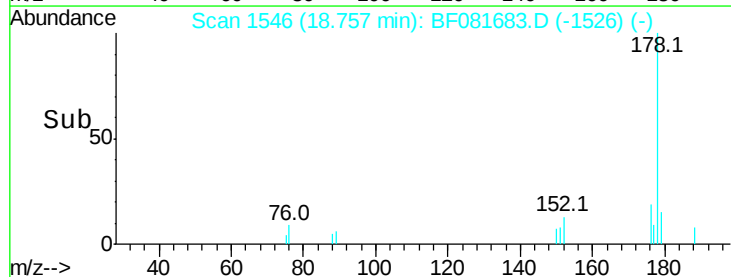
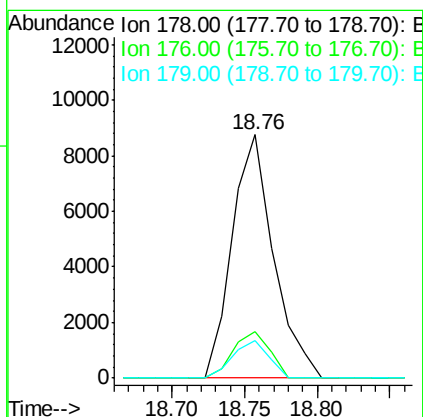
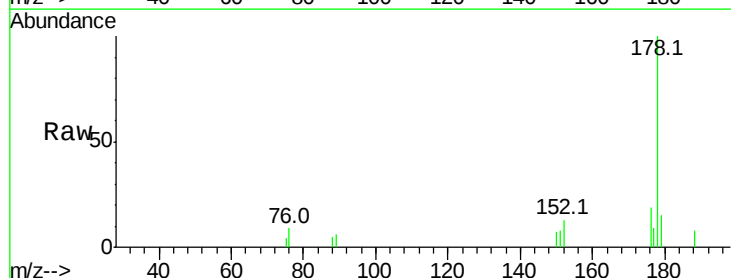
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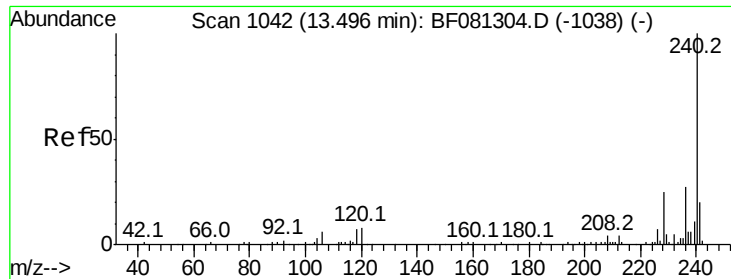
Tgt Ion:188 Resp: 80872
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 8.5 11.0 16.4#



#70
Phenanthrene
Concen: 3.86 ng
RT: 18.76 min Scan# 1546
Delta R.T. -0.07 min
Lab File: BF081683.D
Acq: 17 Sep 2015 17:39

Tgt Ion:178 Resp: 17337
Ion Ratio Lower Upper
178 100
176 19.0 13.8 20.8
179 15.4 12.2 18.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATERDL

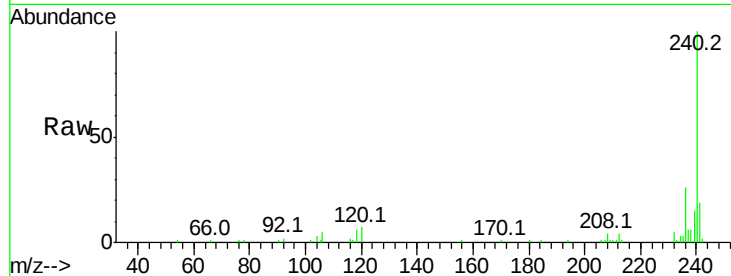
Tgt Ion:240 Resp: 66074

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

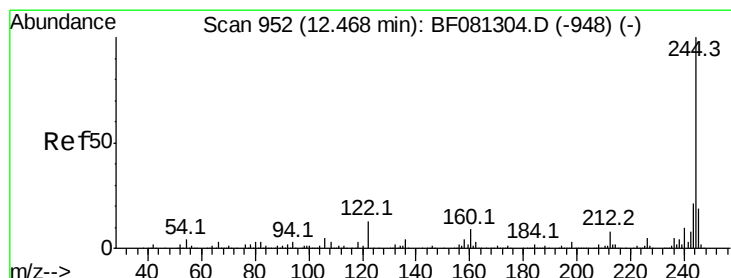
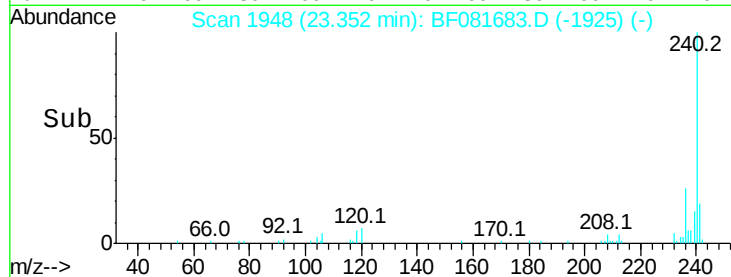
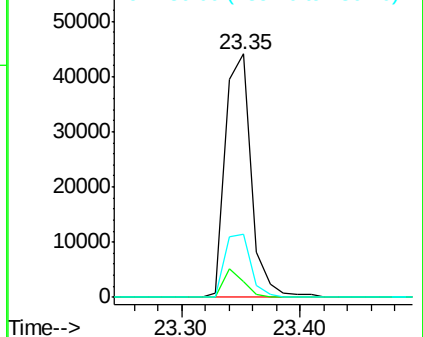
236 26.1 18.4 27.6



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: 5.02 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081683.D

Acq: 17 Sep 2015 17:39

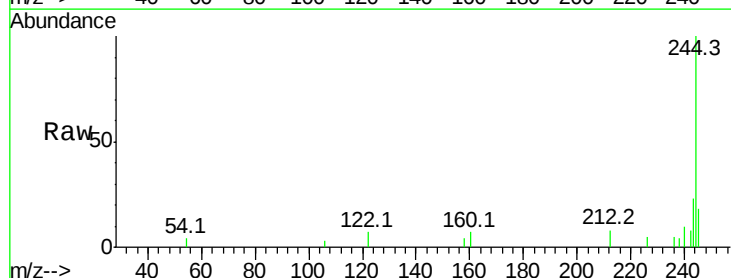
Tgt Ion:244 Resp: 14257

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

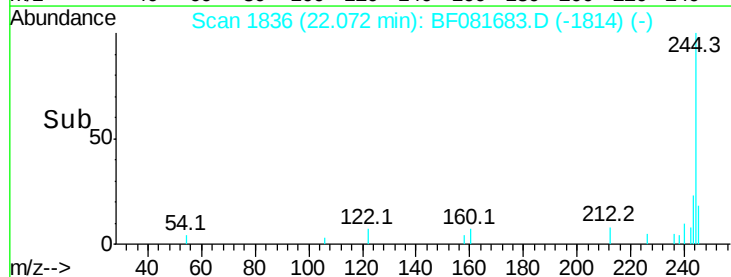
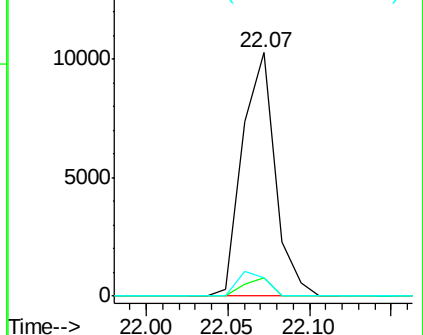
122 7.4 17.4 26.2#

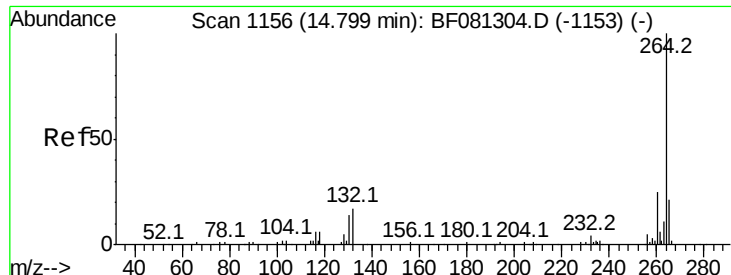


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

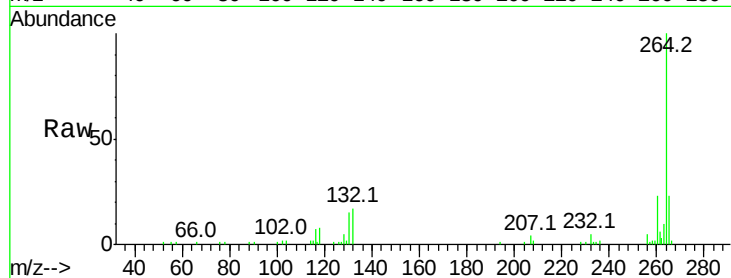




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081683.D
Acq: 17 Sep 2015 17:39

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATERDL

Tgt Ion: 264 Resp: 46439
Ion Ratio Lower Upper
264 100
260 23.0 16.7 25.1
265 22.6 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

