

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081682.D
 Acq On : 17 Sep 2015 17:02
 Operator : UM/IZ
 Sample : G3669-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

Quant Time: Sep 18 04:04:15 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

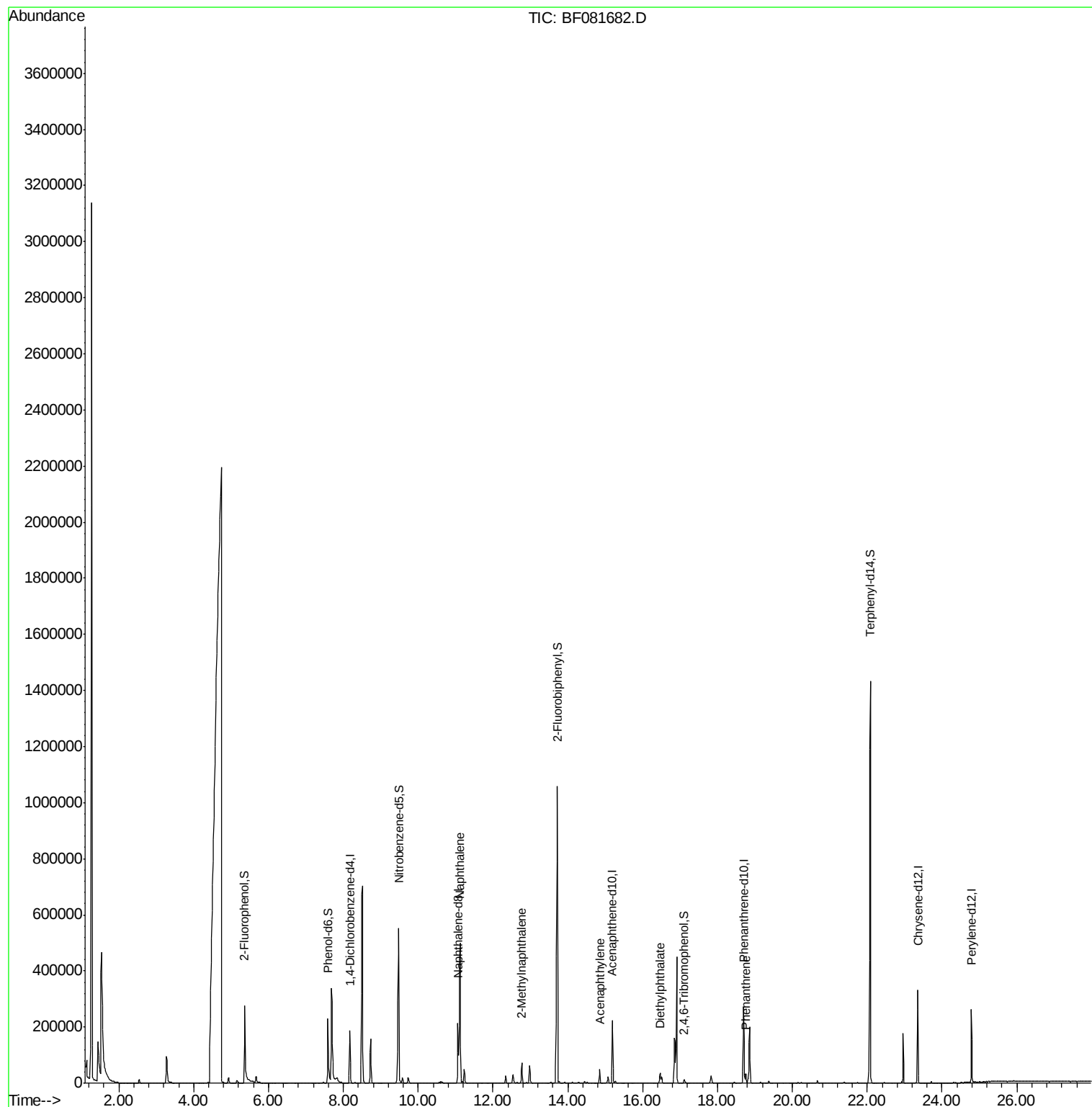
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46231	20.00	ng	-0.04
21) Naphthalene-d8	11.07	136	187578	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	90025	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	192068	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	171304	20.00	ng	-0.03
86) Perylene-d12	24.78	264	118086	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	150455	50.49	ng	0.01
7) Phenol-d6	7.59	99	166830	42.30	ng	-0.06
23) Nitrobenzene-d5	9.48	82	351794	90.48	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	4043	5.04	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	656592	93.46	ng	-0.06
78) Terphenyl-d14	22.08	244	702296	95.43	ng	-0.03
Target Compounds						
31) Naphthalene	11.12	128	422801	42.26	ng	Qvalue 99
37) 2-Methylnaphthalene	12.77	142	35324	5.43	ng	# 88
48) Acenaphthylene	14.85	152	42294	3.99	ng	96
59) Diethylphthalate	16.47	149	25843	3.51	ng	# 93
70) Phenanthrene	18.76	178	28968	2.71	ng	99

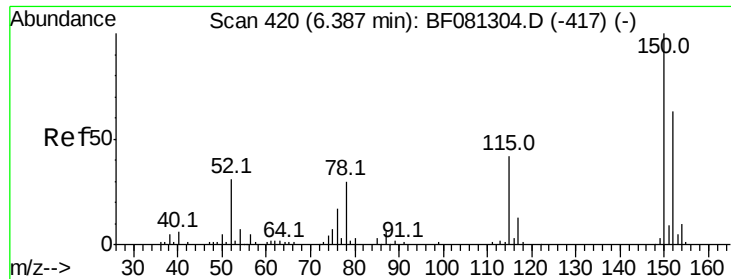
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

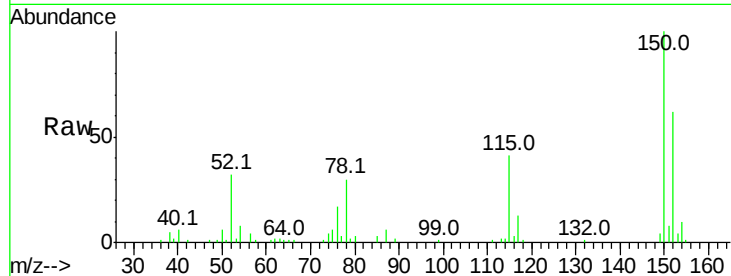
Tgt Ion:152 Resp: 46231

Ion Ratio Lower Upper

152 100

150 162.5 124.7 187.1

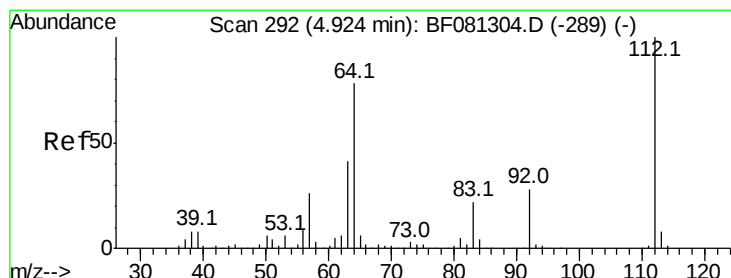
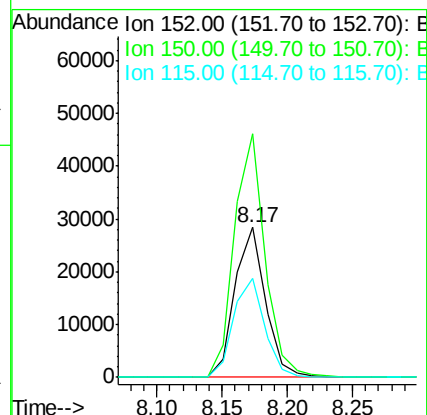
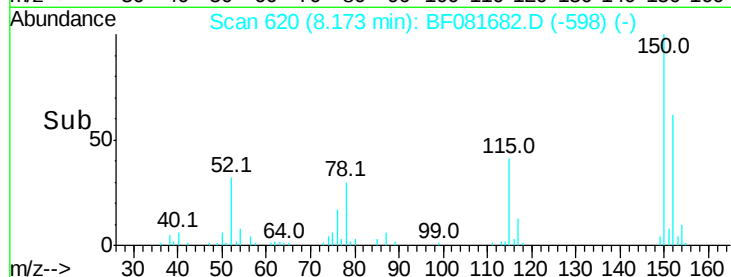
115 66.1 39.0 58.4#



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: 50.49 ng

RT: 5.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

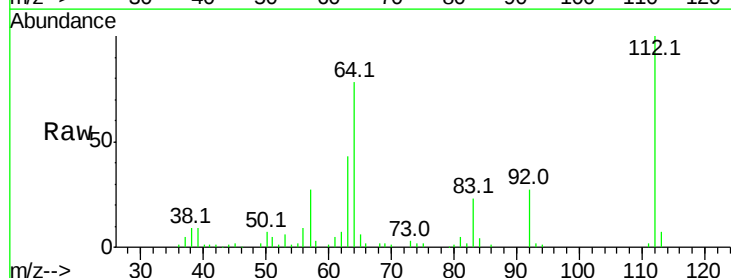
Tgt Ion:112 Resp: 150455

Ion Ratio Lower Upper

112 100

64 77.5 39.7 59.5#

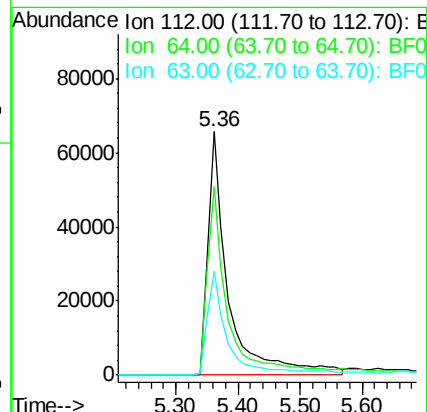
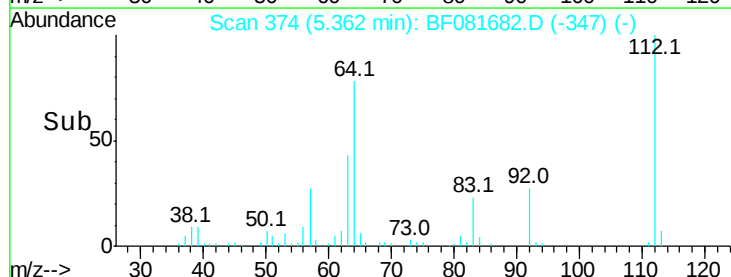
63 42.6 17.4 26.0#

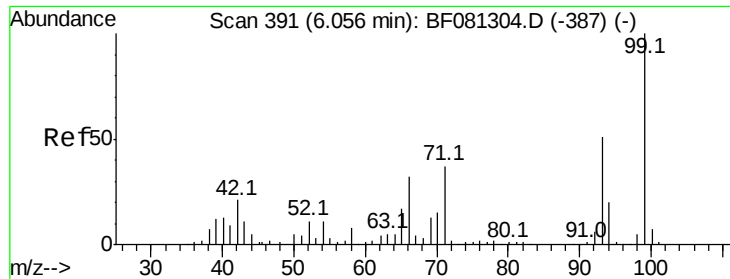


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.30 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

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WC-91415-WATER

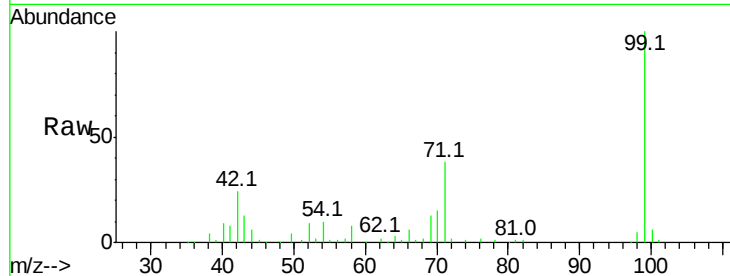
Tgt Ion: 99 Resp: 166830

Ion Ratio Lower Upper

99 100

42 23.8 13.7 20.5#

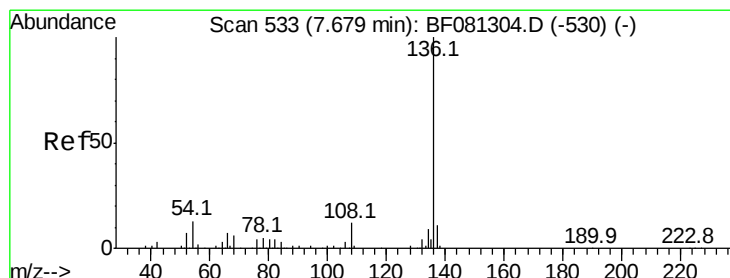
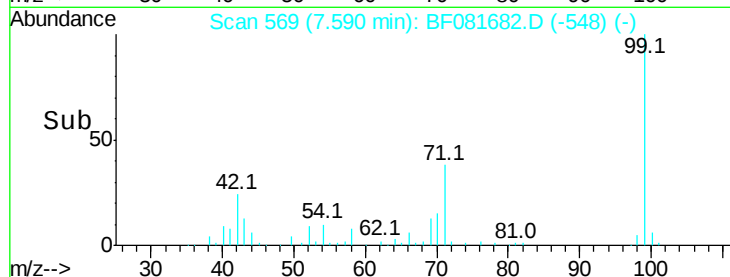
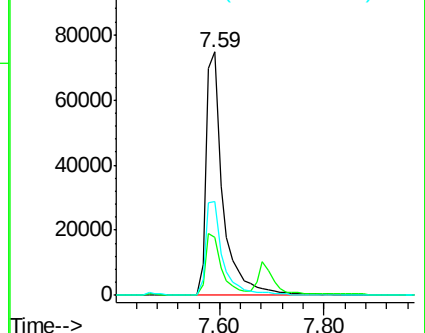
71 38.4 14.2 21.2#



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: 11.07 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Tgt Ion: 136 Resp: 187578

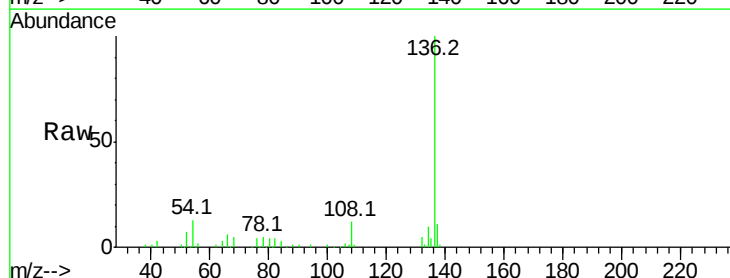
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.6 8.2 12.2#

68 4.9 5.8 8.6#

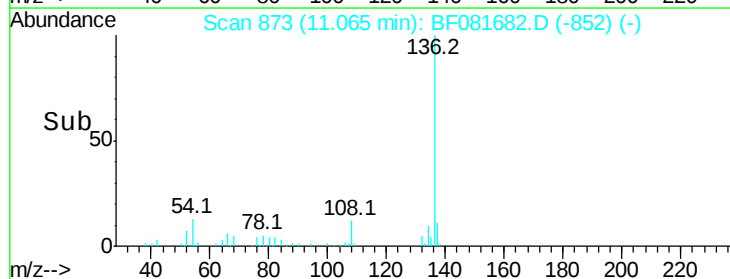
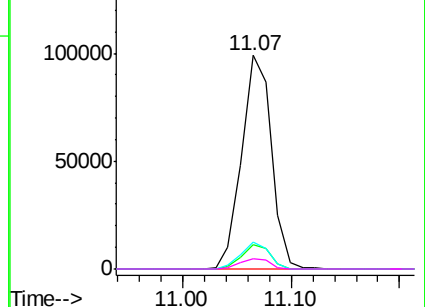


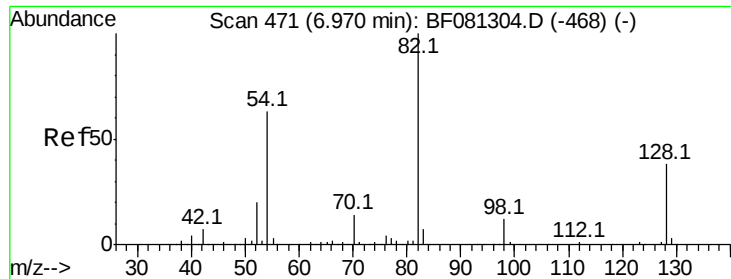
Abundance Ion 136.00 (135.70 to 136.70): E

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

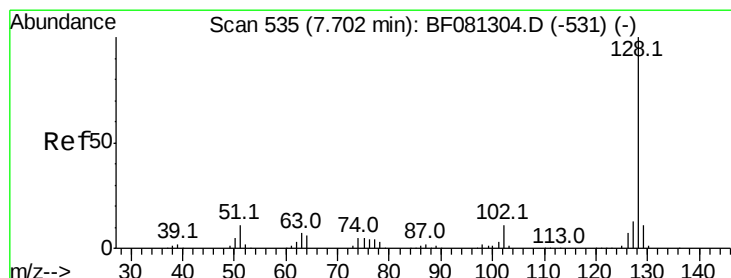
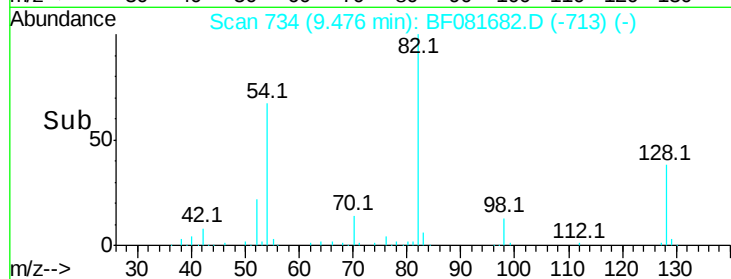
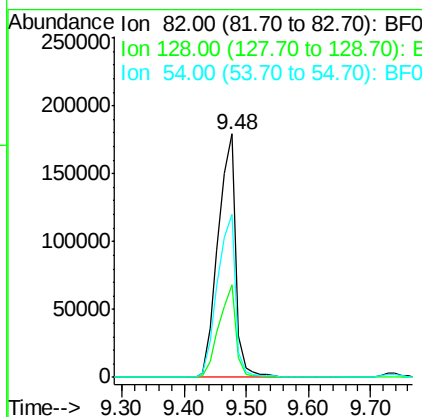
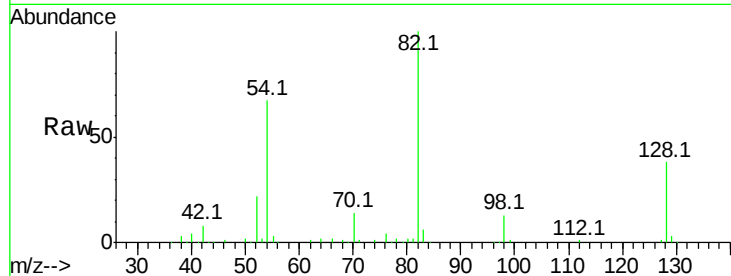




#23
 Nitrobenzene-d5
 Concen: 90.48 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

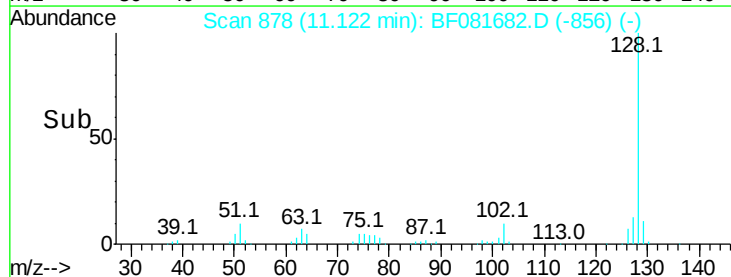
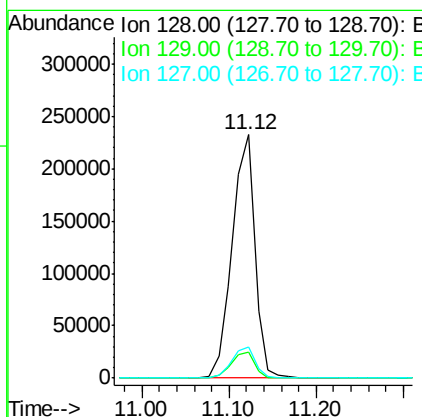
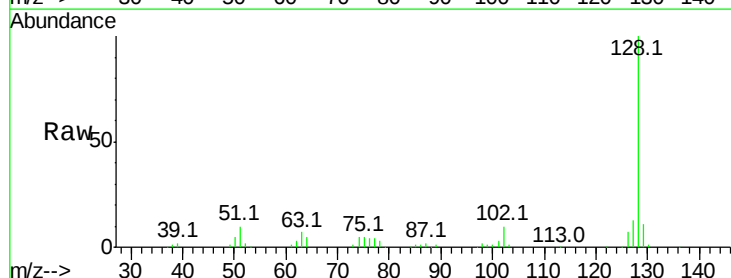
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

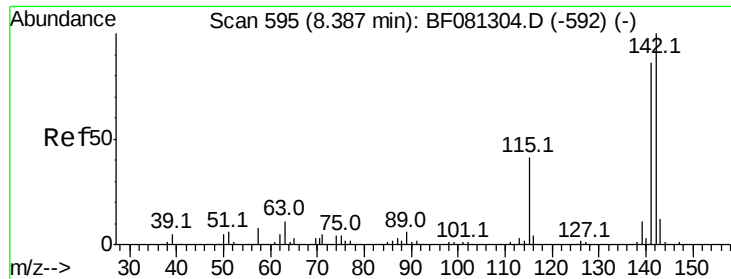
Tgt Ion: 82 Resp: 351794
 Ion Ratio Lower Upper
 82 100
 128 38.3 51.0 76.6#
 54 67.1 47.5 71.3



#31
 Naphthalene
 Concen: 42.26 ng
 RT: 11.12 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Tgt Ion: 128 Resp: 422801
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 12.9 9.9 14.9

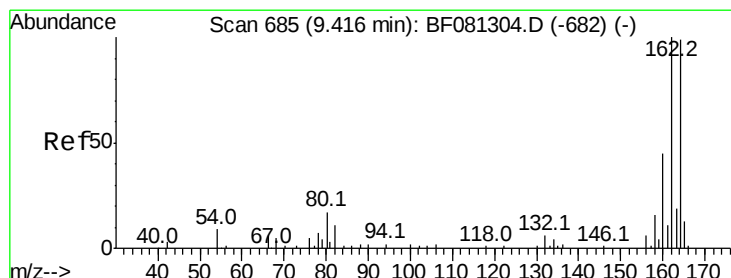
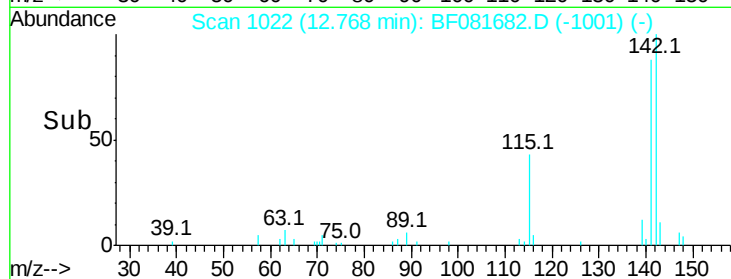
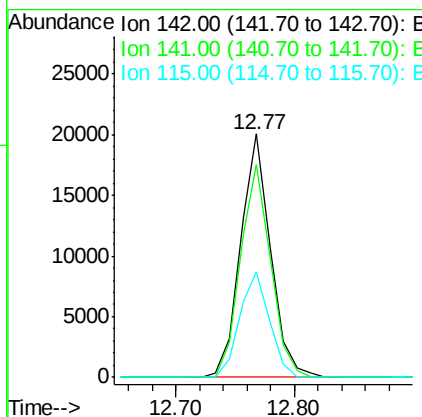
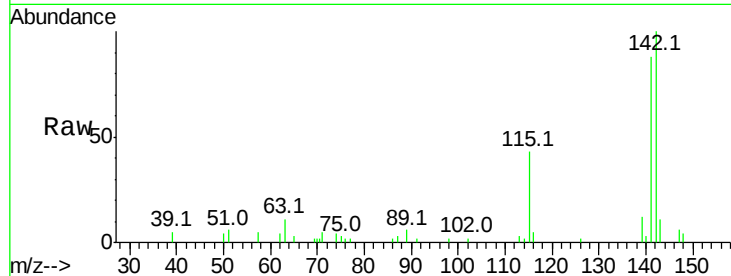




#37
 2-Methylnaphthalene
 Concen: 5.43 ng
 RT: 12.77 min Scan# 1022
 Delta R.T. -0.06 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

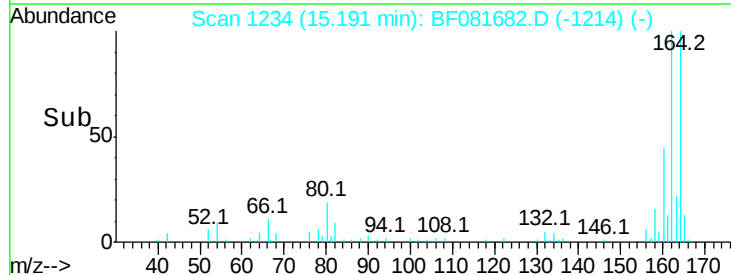
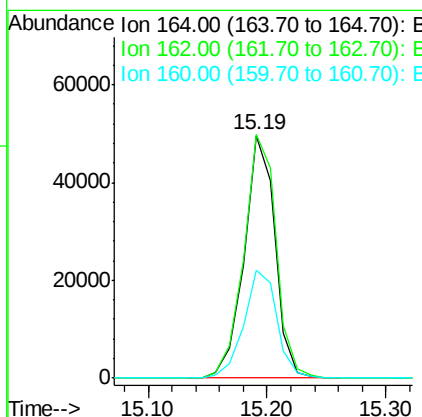
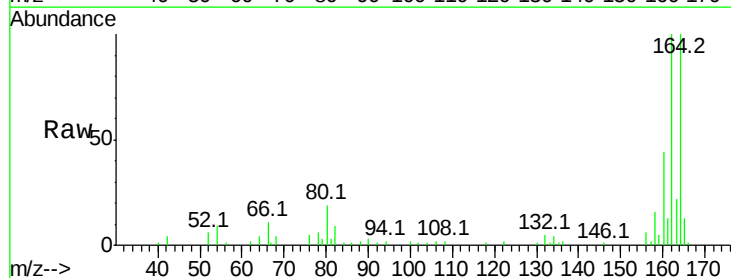
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

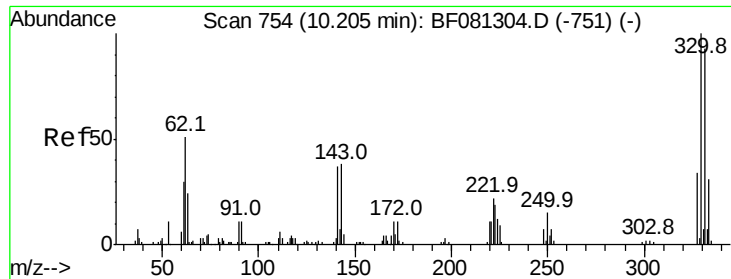
Tgt Ion:142 Resp: 35324
 Ion Ratio Lower Upper
 142 100
 141 87.6 67.5 101.3
 115 43.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Tgt Ion:164 Resp: 90025
 Ion Ratio Lower Upper
 164 100
 162 100.4 75.2 112.8
 160 44.4 31.5 47.3

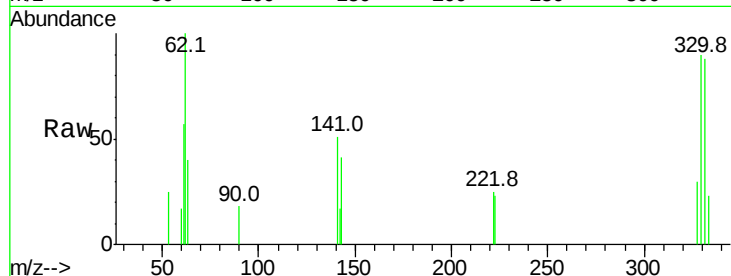




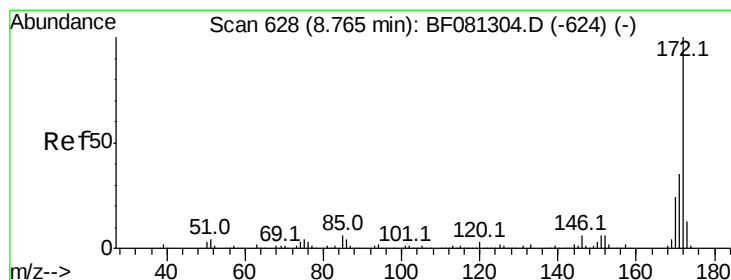
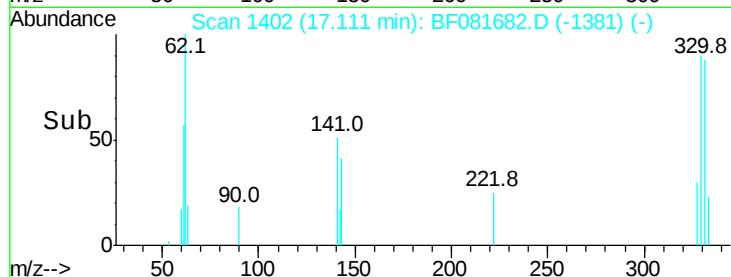
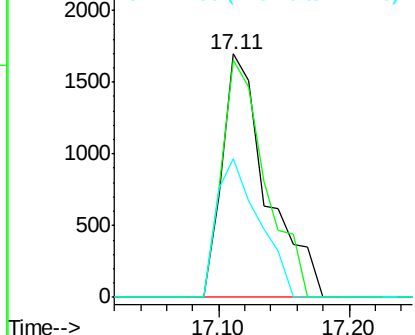
#41
 2,4,6-Tribromophenol
 Concen: 5.04 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

Tgt Ion: 330 Resp: 4043
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 54.3 29.7 44.5#

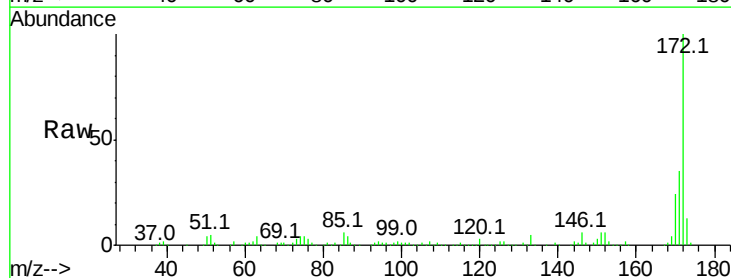


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

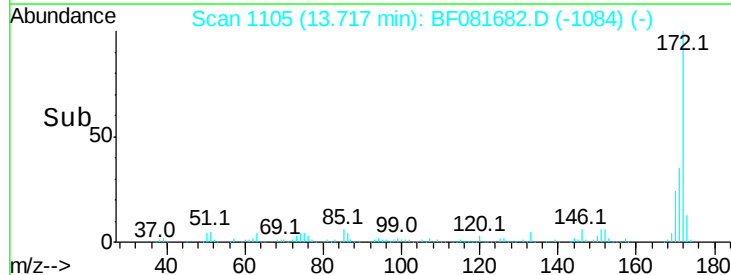
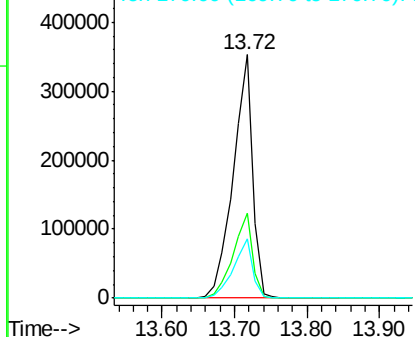


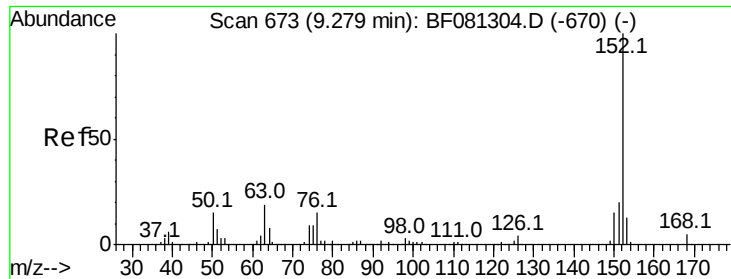
#44
 2-Fluorobiphenyl
 Concen: 93.46 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Tgt Ion: 172 Resp: 656592
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 24.3 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 3.99 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.07 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

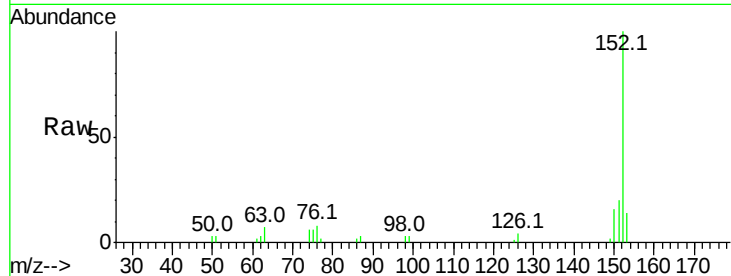
Tgt Ion:152 Resp: 42294

Ion Ratio Lower Upper

152 100

151 20.5 14.6 22.0

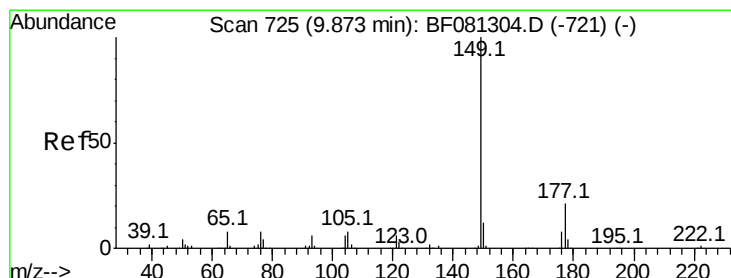
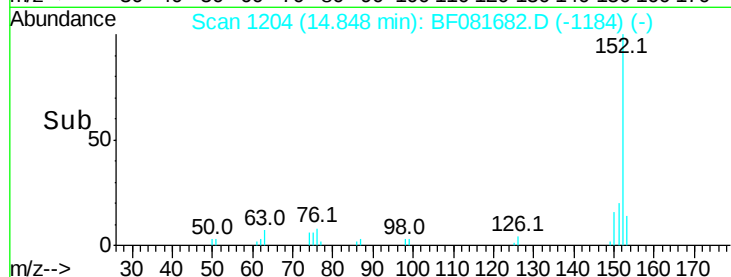
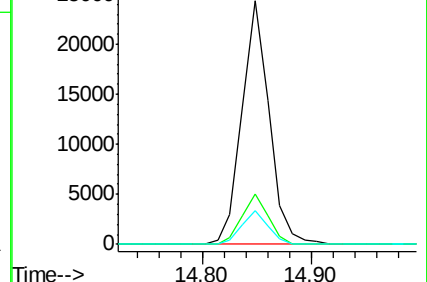
153 13.6 10.3 15.5



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



#59

Diethylphthalate

Concen: 3.51 ng

RT: 16.47 min Scan# 1346

Delta R.T. -0.08 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

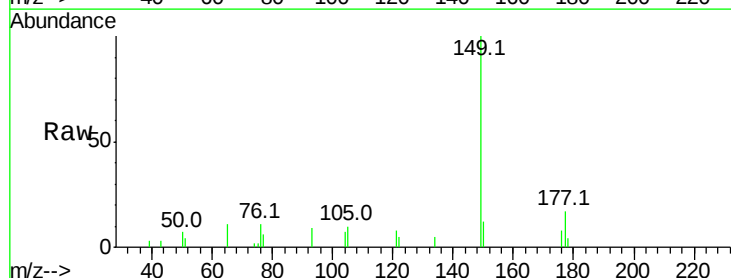
Tgt Ion:149 Resp: 25843

Ion Ratio Lower Upper

149 100

177 17.1 17.5 26.3#

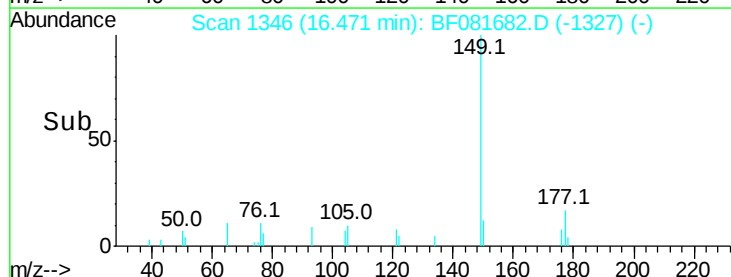
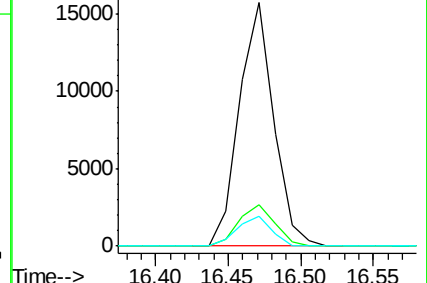
150 12.3 9.4 14.2

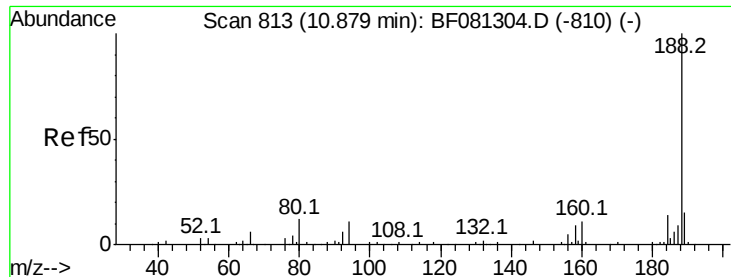


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

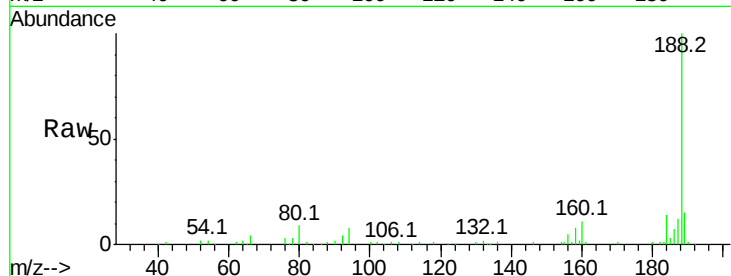




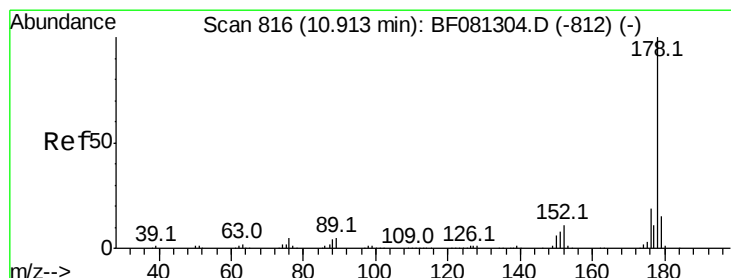
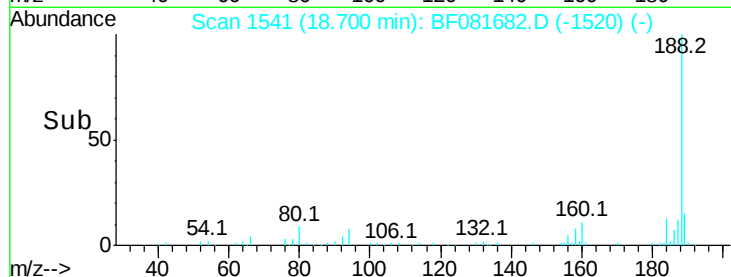
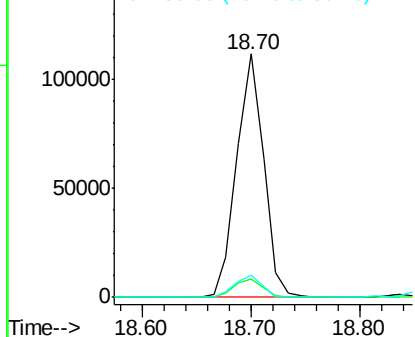
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATER

Tgt Ion:188 Resp: 192068
Ion Ratio Lower Upper
188 100
94 7.8 11.1 16.7#
80 9.3 11.0 16.4#

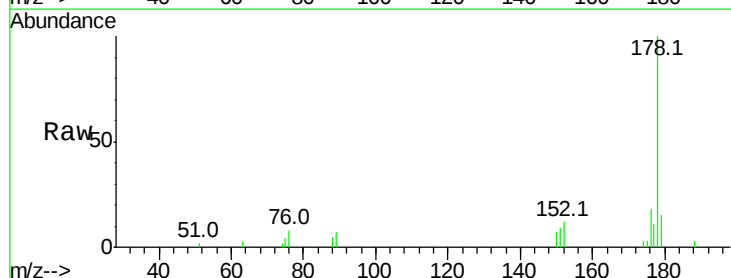


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

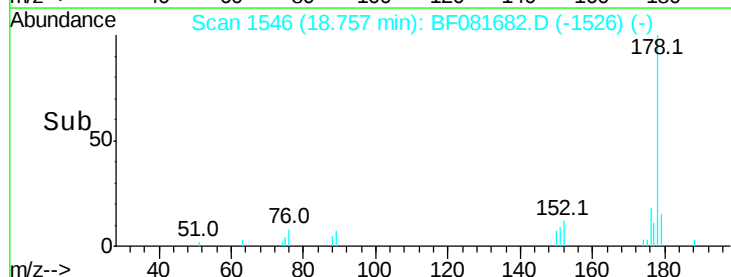
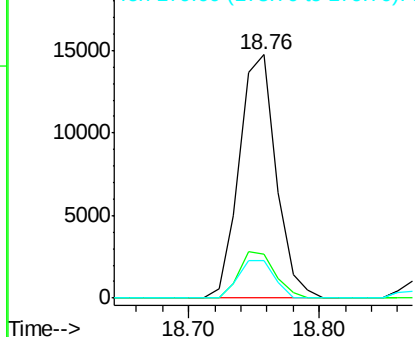


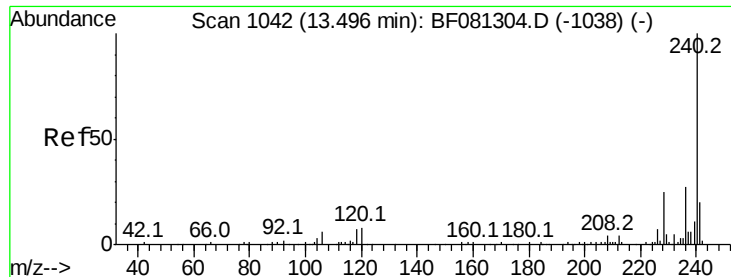
#70
Phenanthrene
Concen: 2.71 ng
RT: 18.76 min Scan# 1546
Delta R.T. -0.07 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

Tgt Ion:178 Resp: 28968
Ion Ratio Lower Upper
178 100
176 18.3 13.8 20.8
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

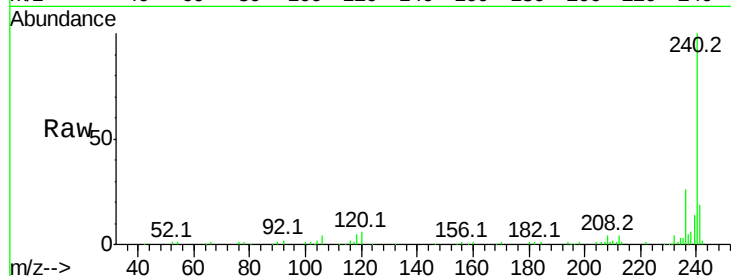
Tgt Ion:240 Resp: 171304

Ion Ratio Lower Upper

240 100

120 6.2 16.2 24.2#

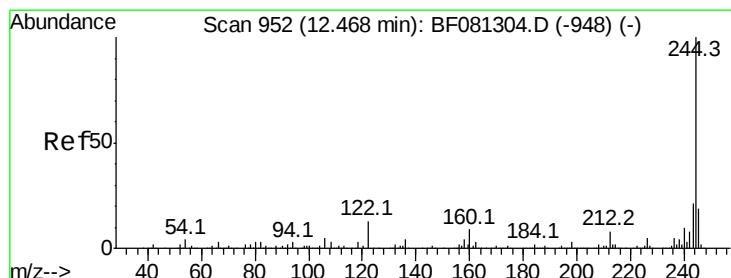
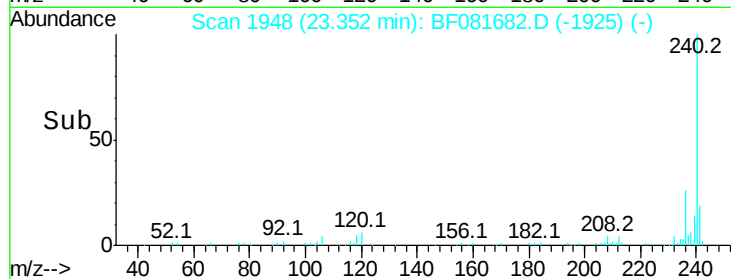
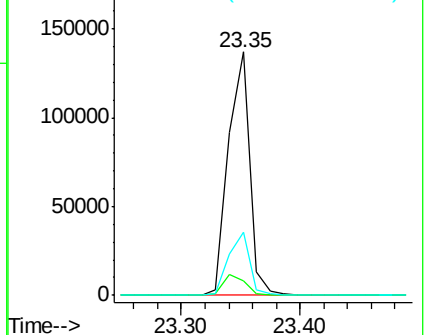
236 26.0 18.4 27.6



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: 95.43 ng

RT: 22.08 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

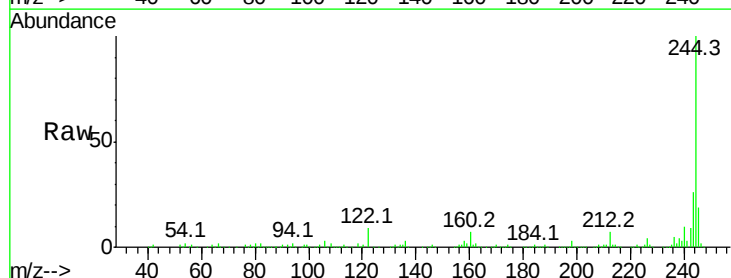
Tgt Ion:244 Resp: 702296

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

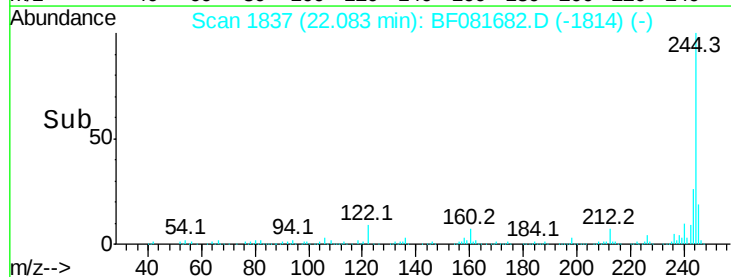
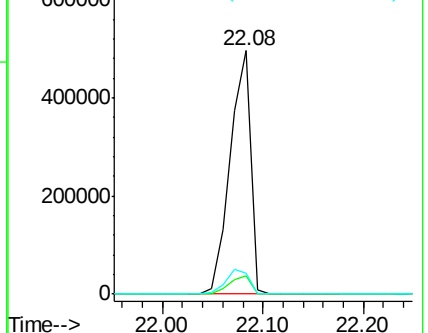
122 8.7 17.4 26.2#

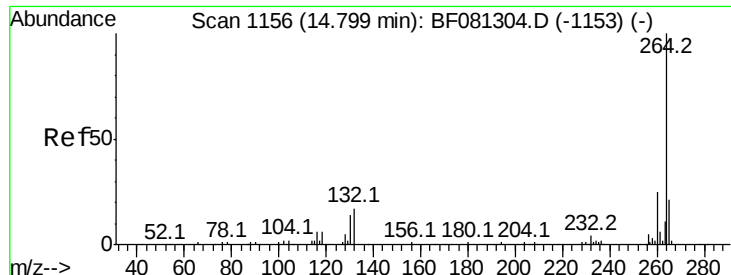


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081682.D
Acq: 17 Sep 2015 17:02

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATER

Tgt Ion: 264 Resp: 118086
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 22.8 17.2 25.8

