

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091840.D
 Acq On : 21 Dec 2016 18:23
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 4PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Quant Time: Dec 22 02:57:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

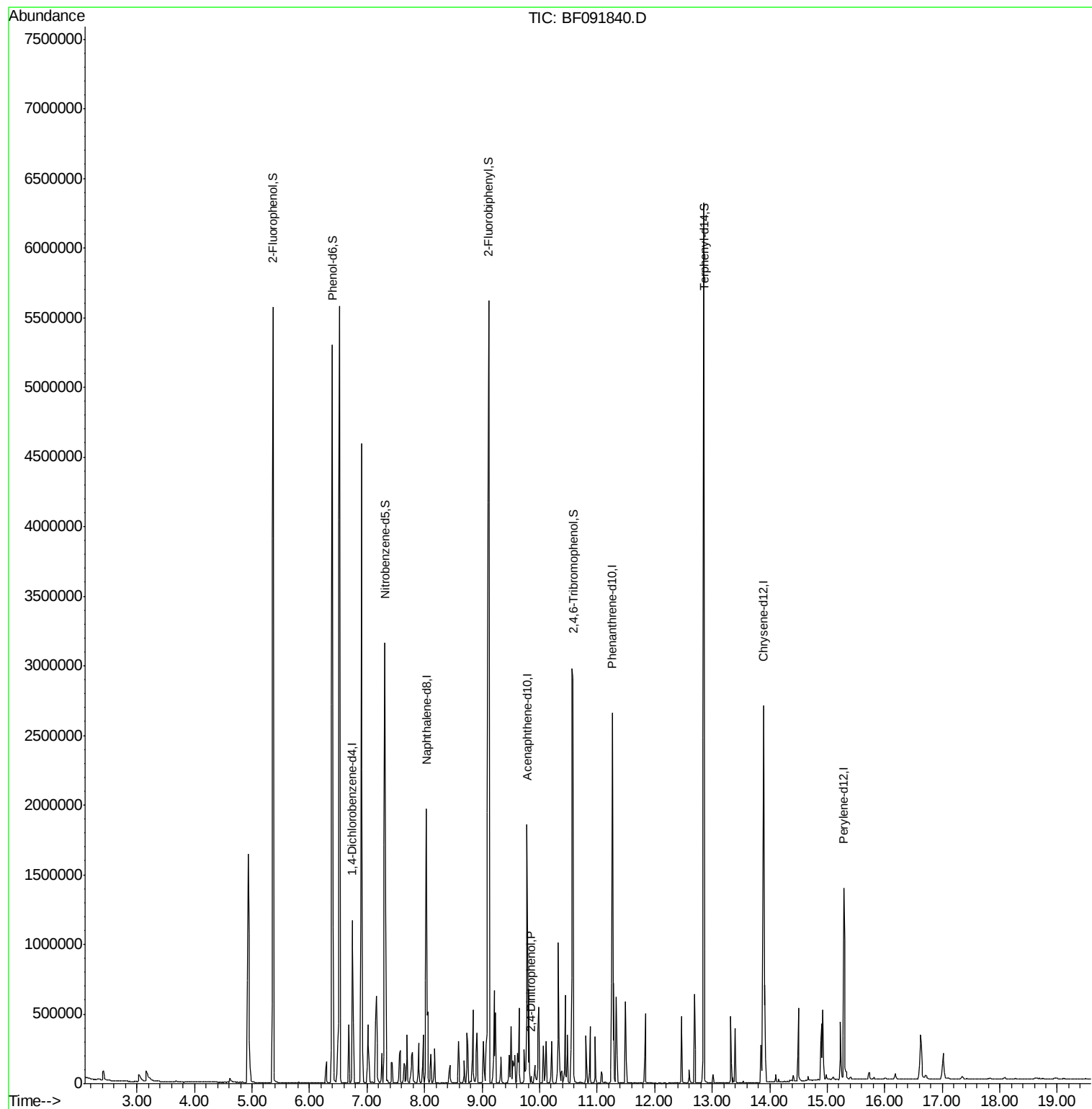
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	243104	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1053829	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	550658	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	986026	20.00	ng	0.00
75) Chrysene-d12	13.89	240	757459	20.00	ng	-0.01
86) Perylene-d12	15.29	264	715766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1955909	134.34	ng	0.02
7) Phenol-d6	6.40	99	2097728	118.01	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1507753	79.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	630438	138.34	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2800019	107.62	ng	0.00
78) Terphenyl-d14	12.85	244	2199470	70.42	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	9.85	184	7485	1.75	ng	# 54

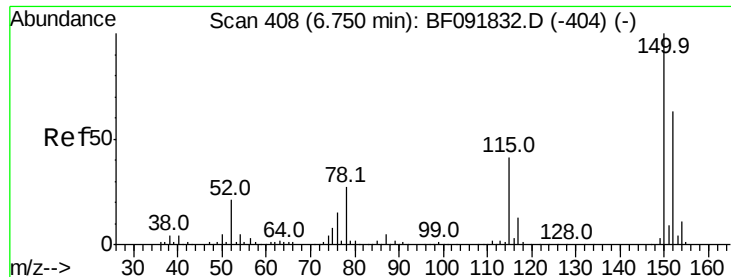
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

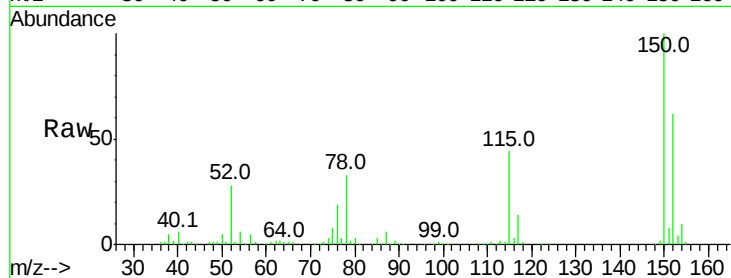
Tot Ion:152 Resp: 243104

Ion Ratio Lower Upper

152 100

150 160.3 124.9 187.3

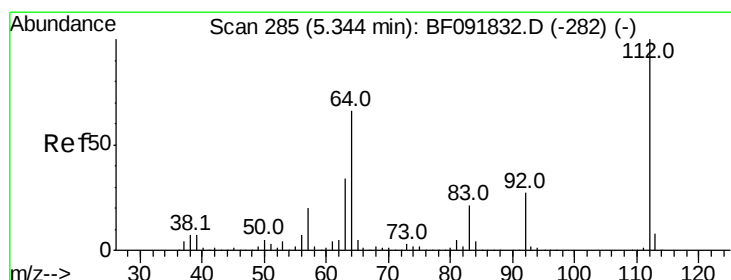
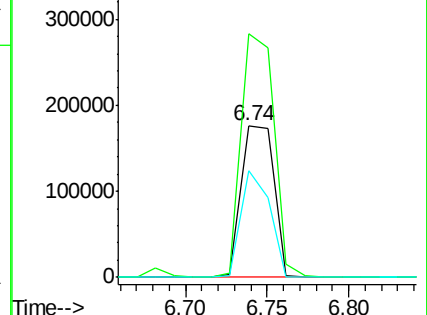
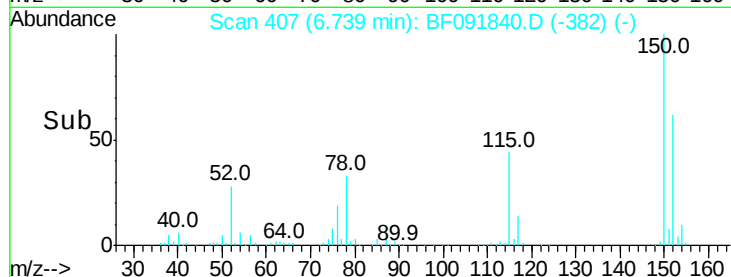
115 70.1 46.0 69.0#



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: 134.34 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

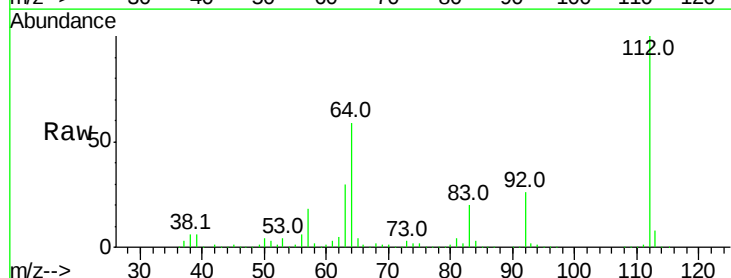
Tgt Ion:112 Resp: 1955909

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

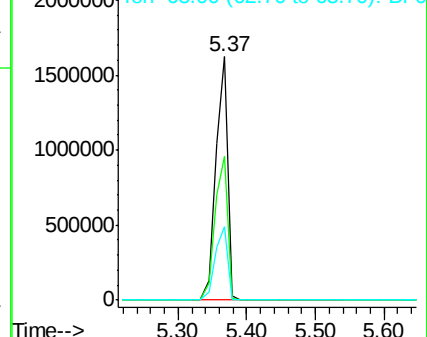
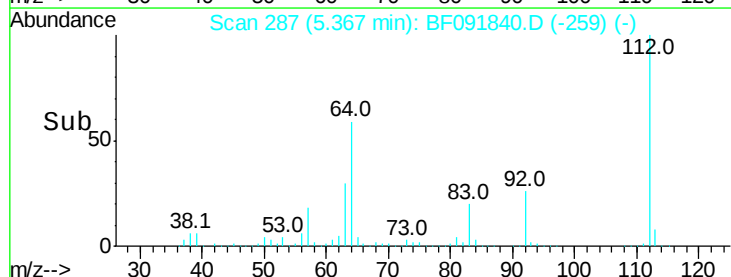
63 30.1 23.8 35.6

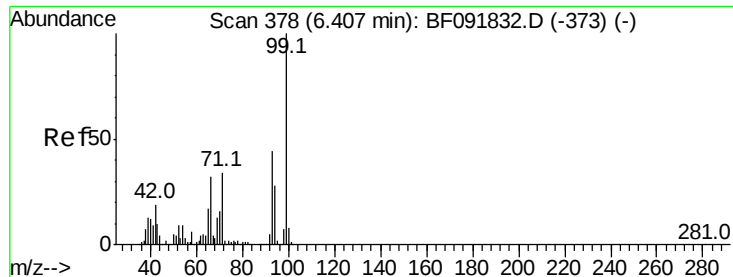


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.01 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

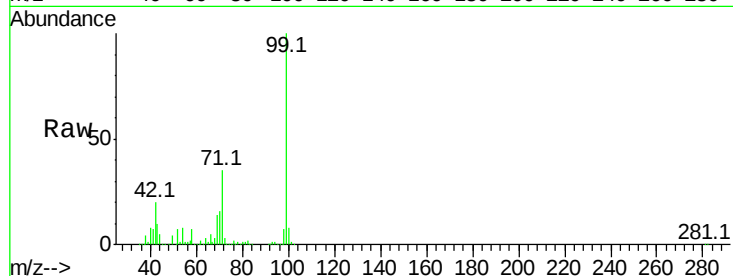
Tot Ion: 99 Resp: 2097728

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

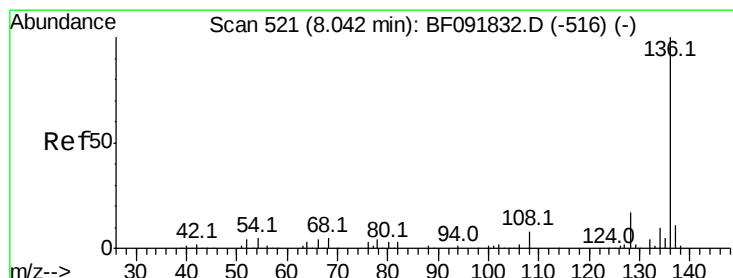
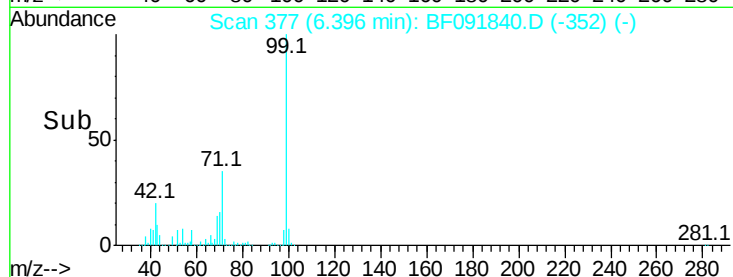
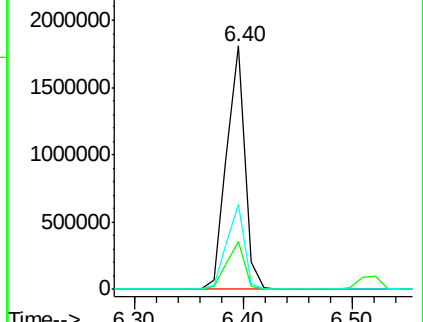
71 35.0 27.5 41.3



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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

Tgt Ion: 136 Resp: 1053829

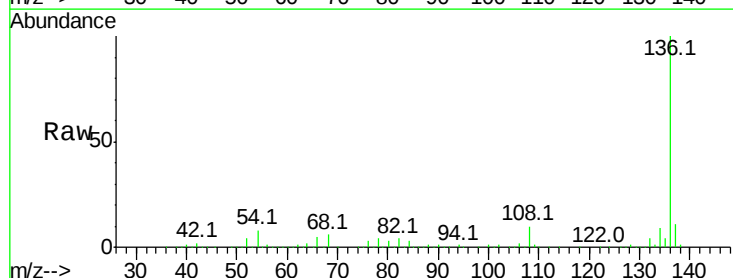
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.3 4.5 6.7#

68 6.4 3.6 5.4#

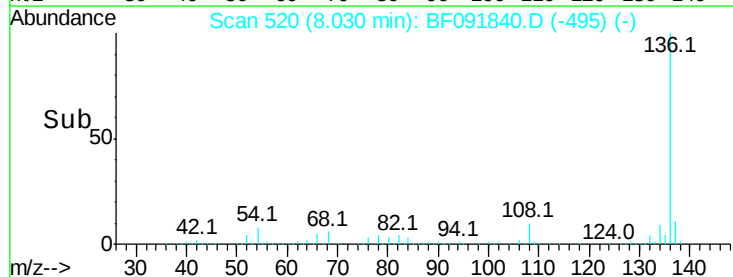
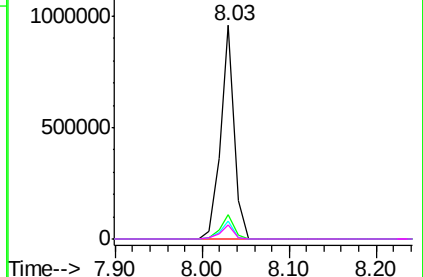


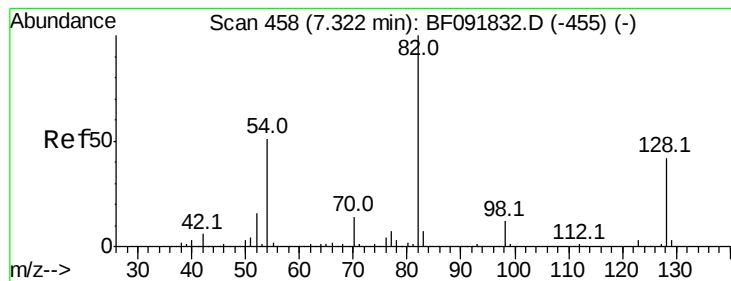
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

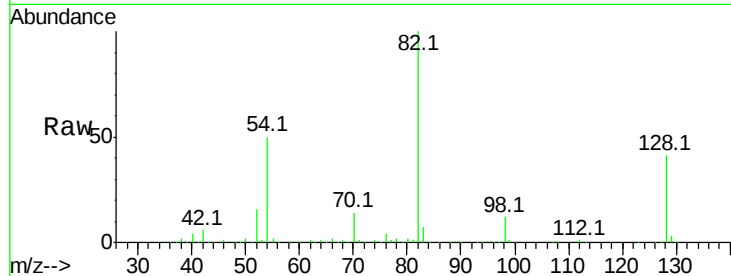
Tot Ion: 82 Resp: 1507753

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

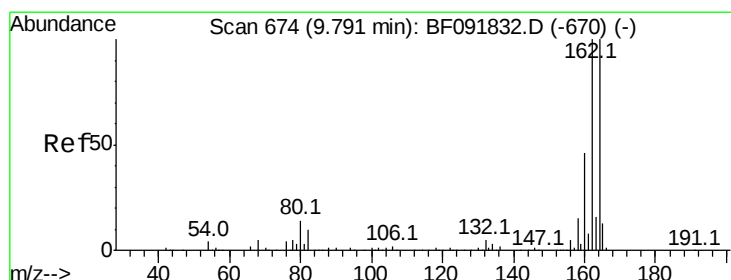
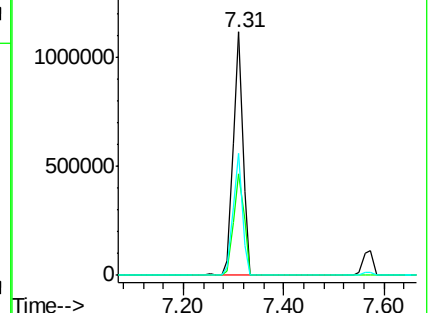
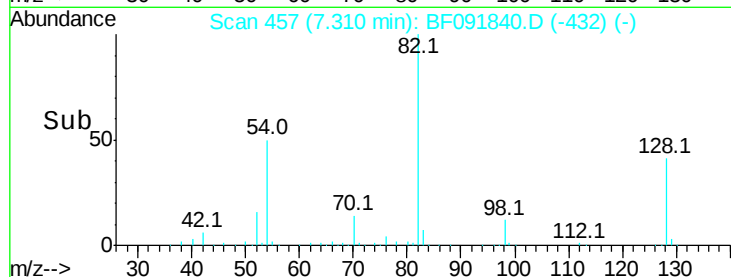
54 50.0 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

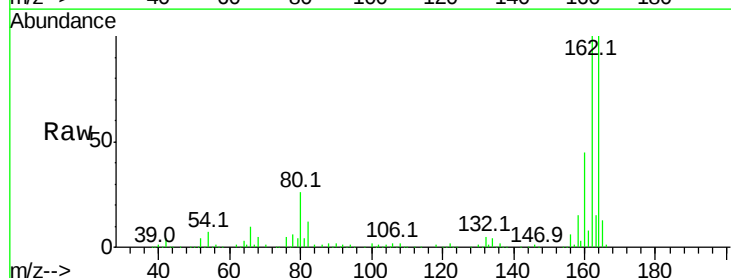
Tgt Ion:164 Resp: 550658

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

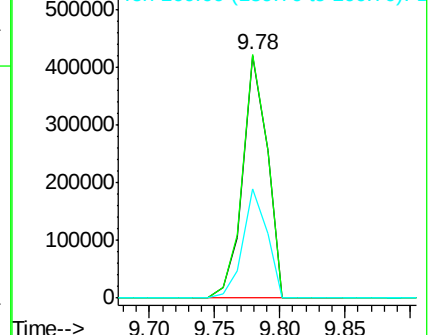
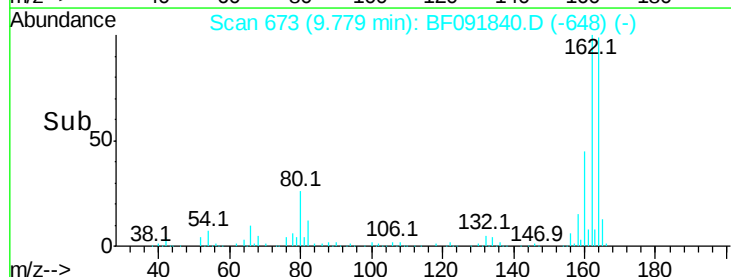
160 45.0 36.9 55.3

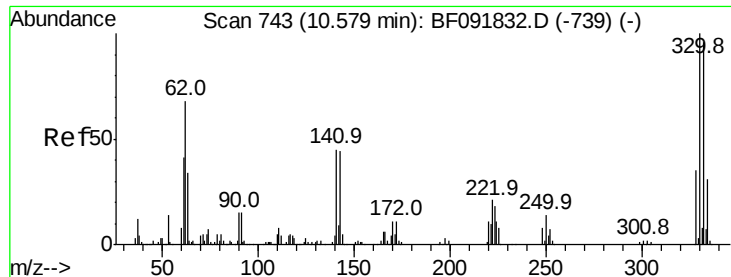


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

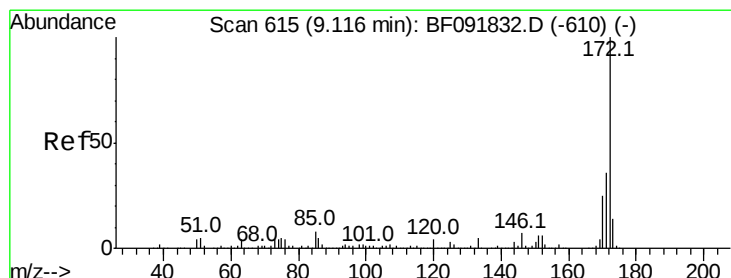
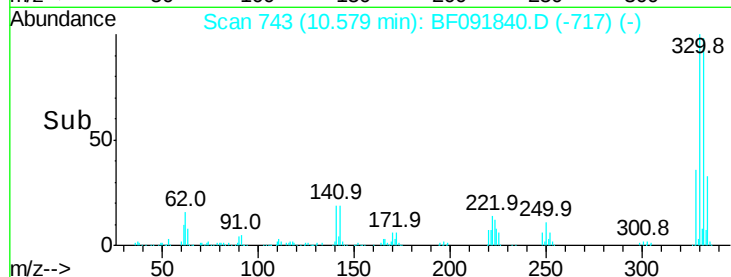
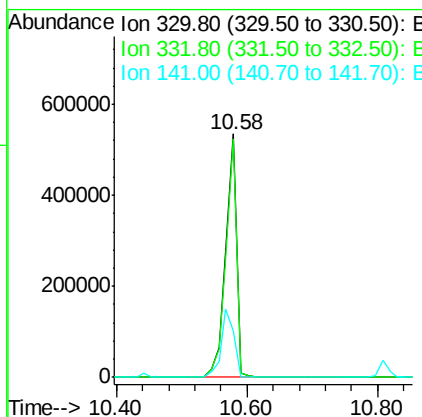
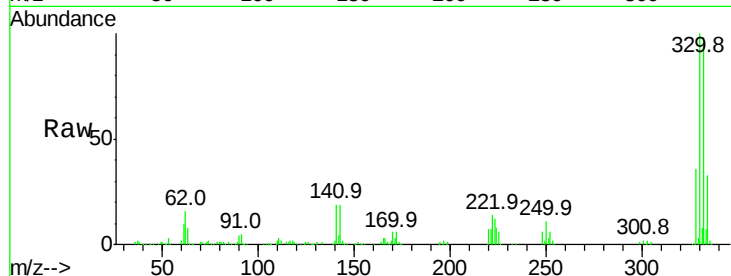




#41
 2,4,6-Tribromophenol
 Concen: 138.34 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091840.D
 Acq: 21 Dec 2016 18:23

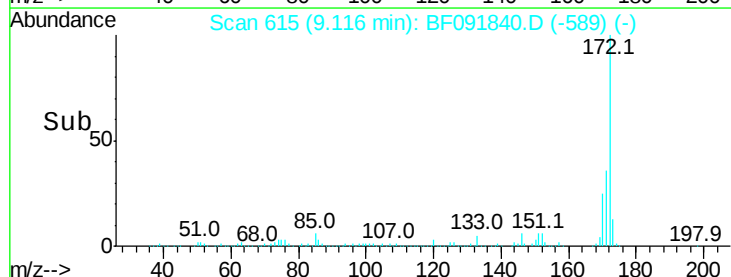
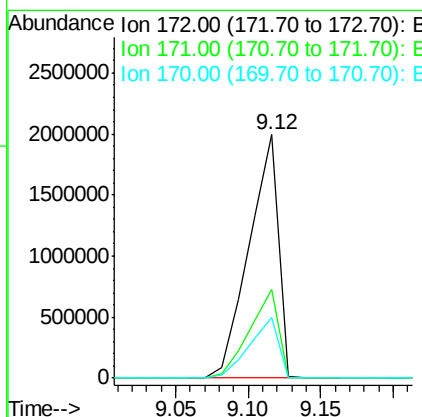
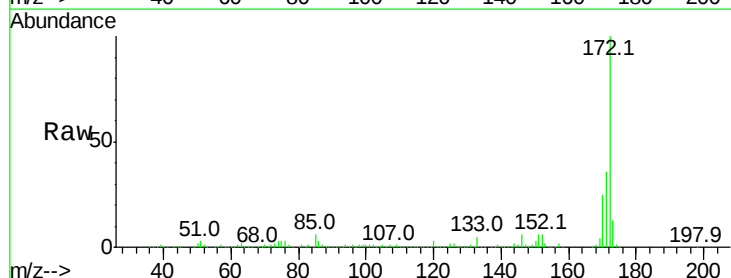
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT1-2017

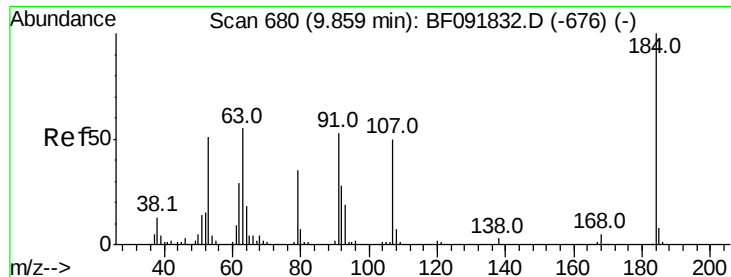
Tot Ion:330 Resp: 630438
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 33.4 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 107.62 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091840.D
 Acq: 21 Dec 2016 18:23

Tgt Ion:172 Resp: 2800019
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4

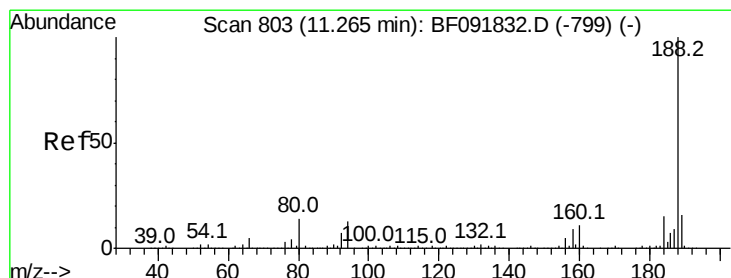
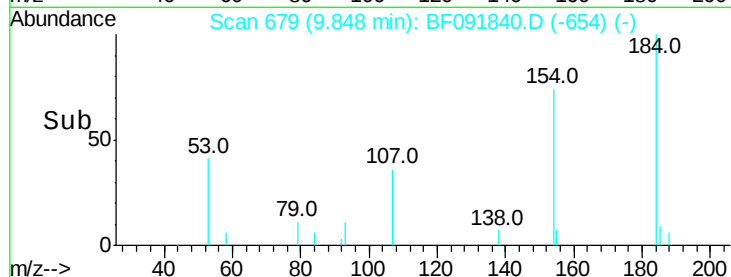
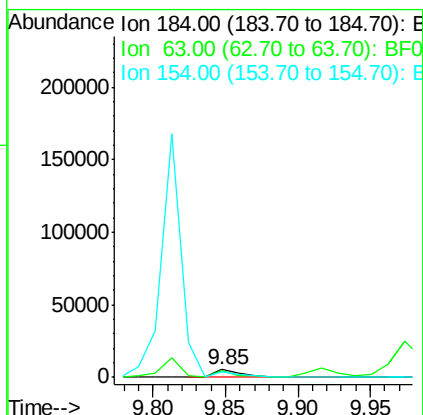
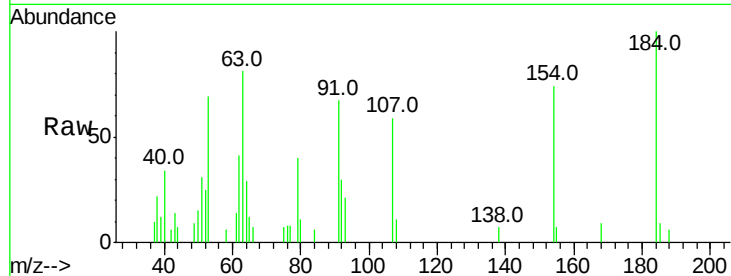




#53
 2,4-Dinitrophenol
 Concen: 1.75 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091840.D
 Acq: 21 Dec 2016 18:23

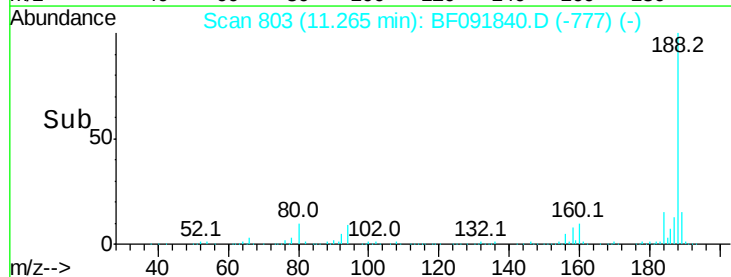
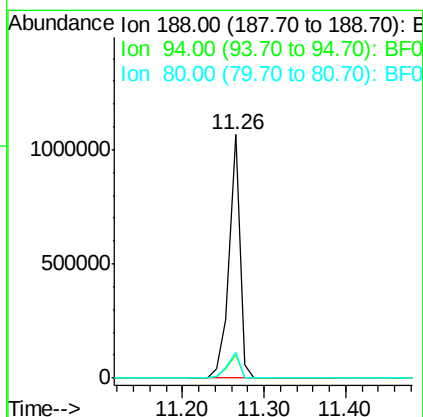
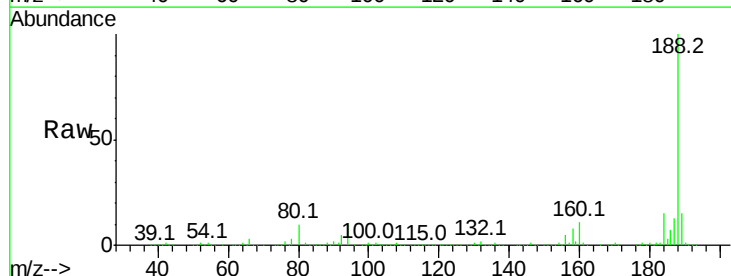
Instrument :
 BNA_F
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 LOD-WATER-05-QT1-2017

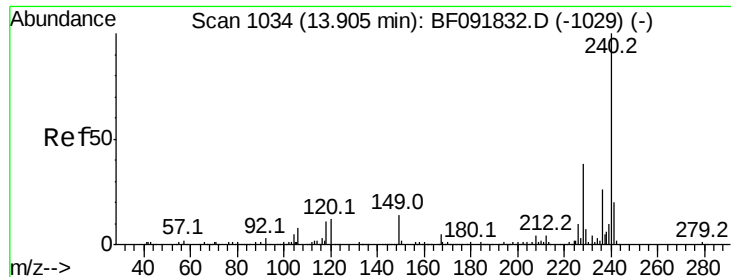
Tot Ion:184 Resp: 7485
 Ion Ratio Lower Upper
 184 100
 63 81.5 28.4 42.6#
 154 73.8 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091840.D
 Acq: 21 Dec 2016 18:23

Tgt Ion:188 Resp: 986026
 Ion Ratio Lower Upper
 188 100
 94 9.6 10.0 15.0#
 80 10.4 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

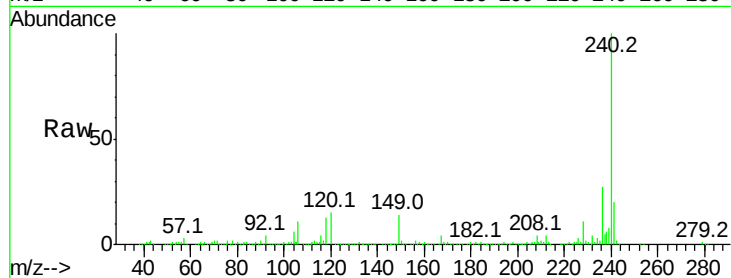
Tot Ion:240 Resp: 757459

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

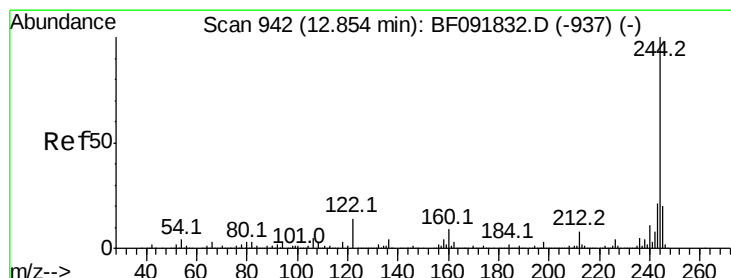
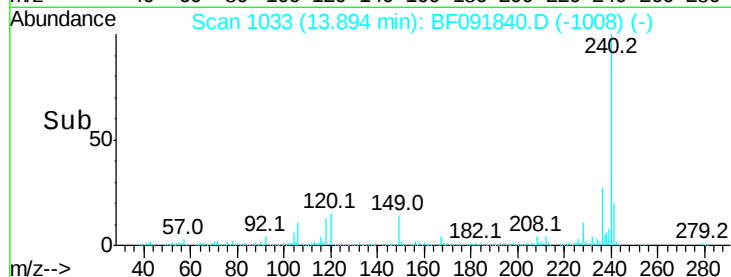
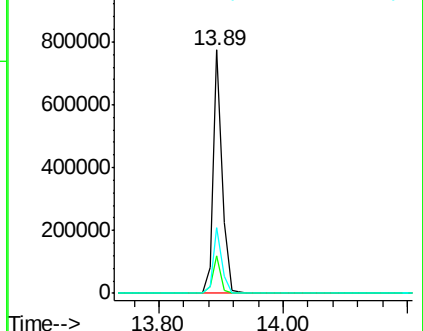
236 26.9 20.9 31.3



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: 70.42 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091840.D

Acq: 21 Dec 2016 18:23

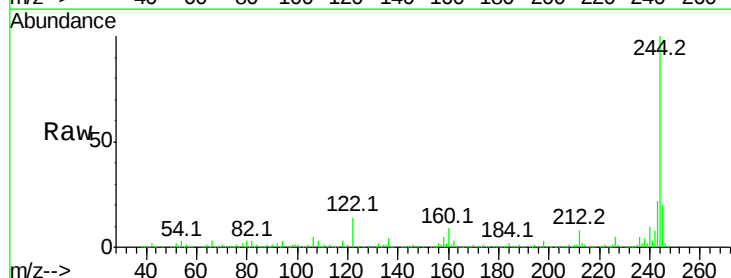
Tgt Ion:244 Resp: 2199470

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

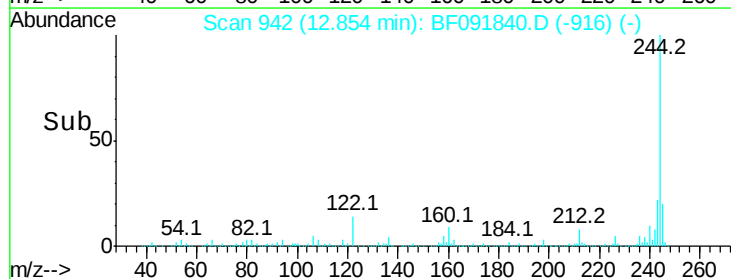
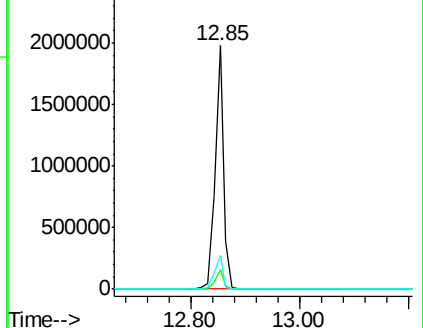
122 14.0 11.4 17.2

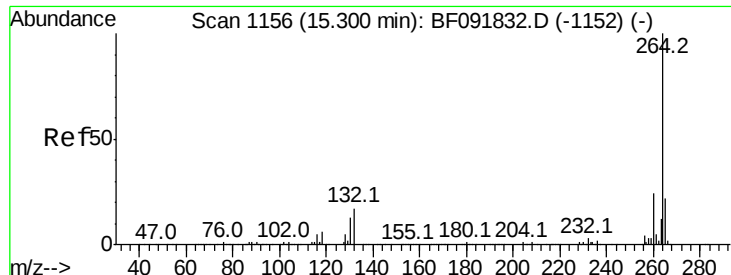


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

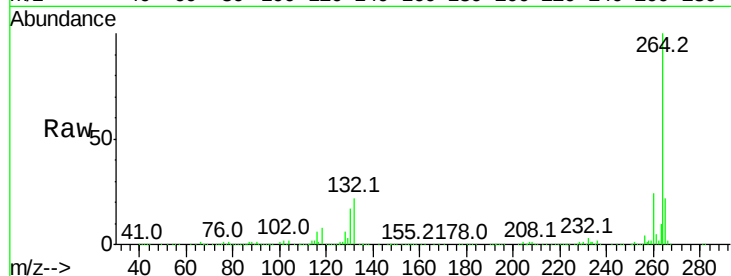




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091840.D
Acq: 21 Dec 2016 18:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion:	264	Resp:	715766
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.4	26.0



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

