

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085987.D
 Acq On : 2 Apr 2016 3:33
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 8PPM
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 04:06:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

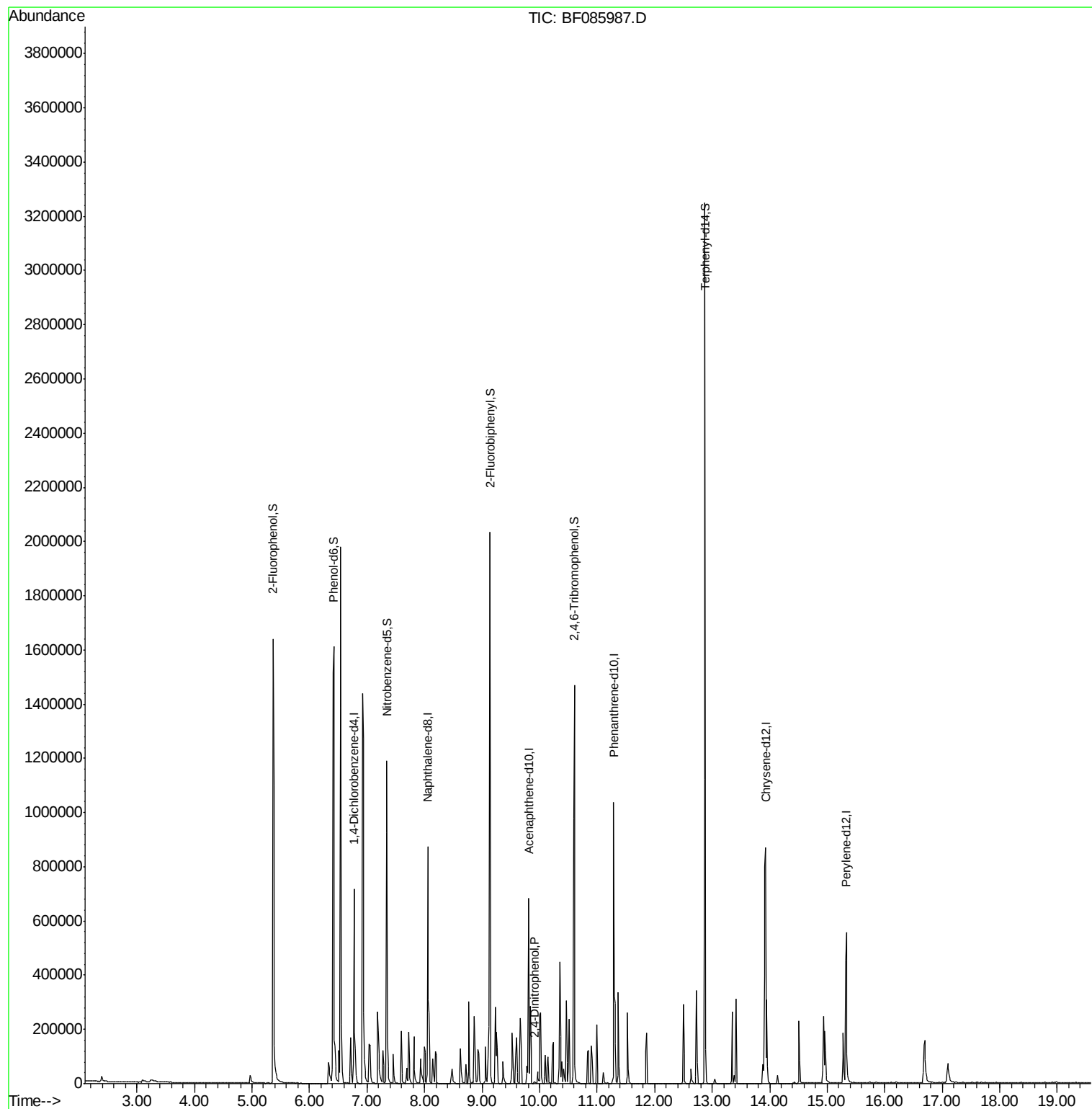
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105861	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417659	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	192778	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	379850	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	349087	20.00	ng	0.00
86) Perylene-d12	15.33	264	299782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	686071	110.78	ng	0.00
7) Phenol-d6	6.42	99	905036	115.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	539394	76.16	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	248391	137.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	996587	85.95	ng	0.00
78) Terphenyl-d14	12.88	244	1033829	69.62	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	9.92	184	2968	4.68	ng	87

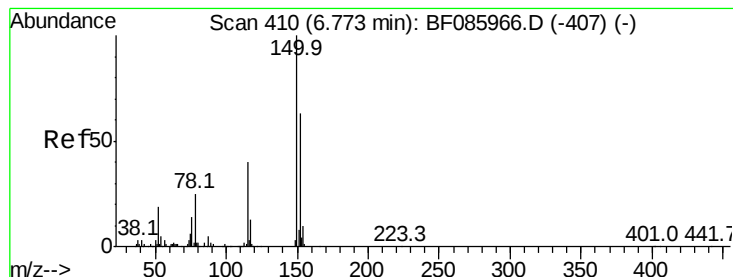
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

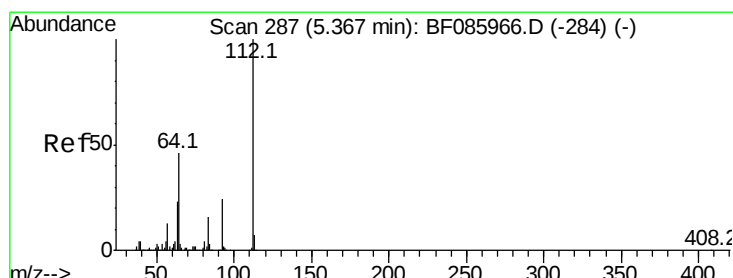
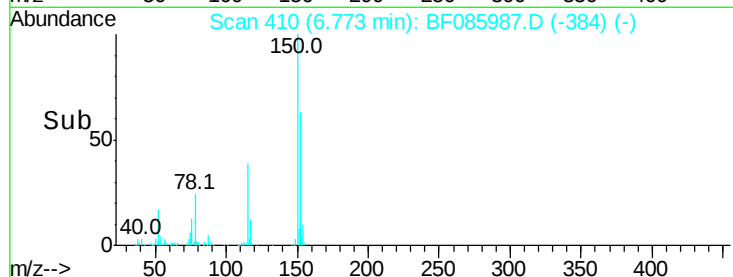
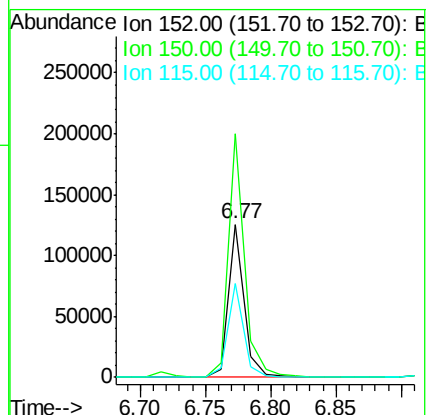
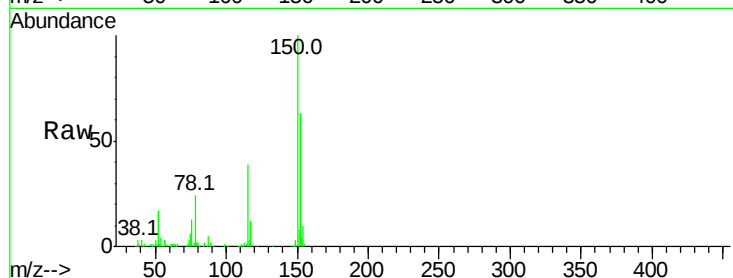
Tot Ion:152 Resp: 105861

Ion Ratio Lower Upper

152 100

150 158.8 124.2 186.2

115 61.6 47.0 70.6



#5

2-Fluorophenol

Concen: 110.78 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

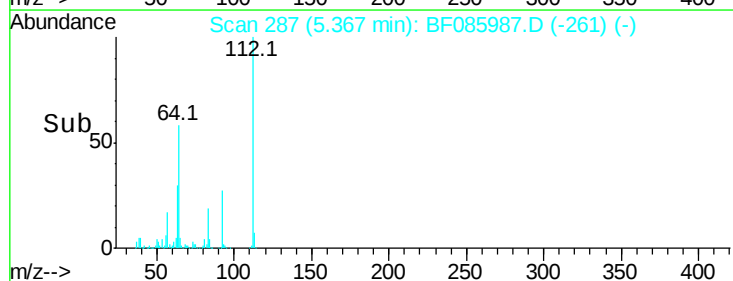
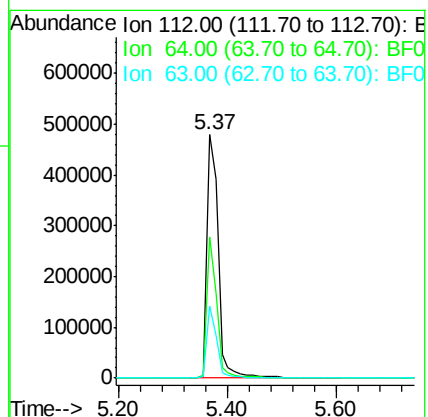
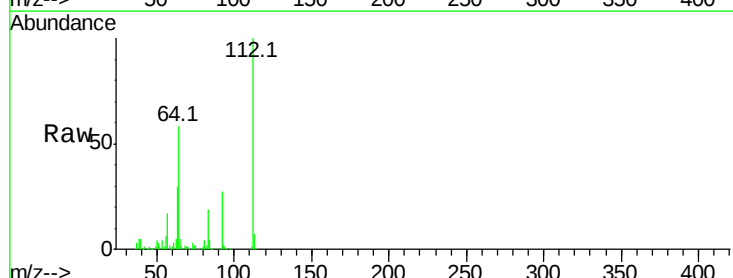
Tgt Ion:112 Resp: 686071

Ion Ratio Lower Upper

112 100

64 58.2 39.9 59.9

63 29.6 20.2 30.2





#7

Phenol-d6

Concen: 115.05 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

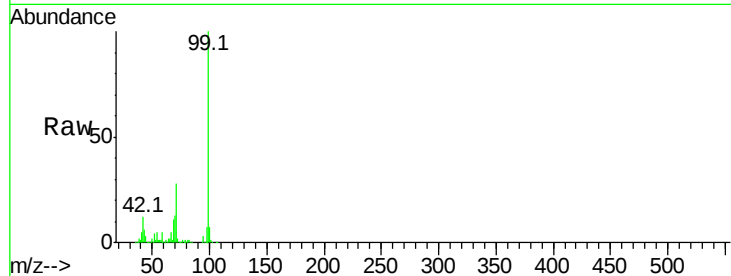
Tot Ion: 99 Resp: 905036

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

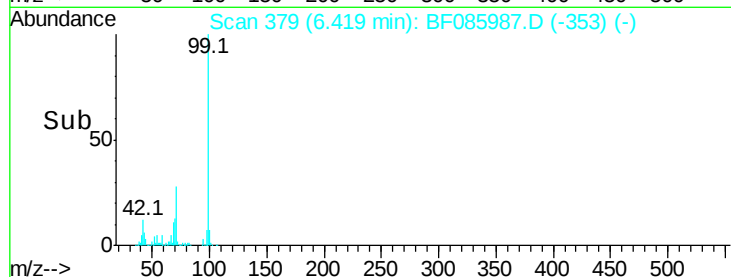
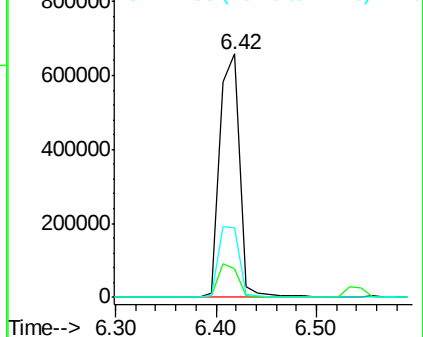
71 28.3 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion: 136 Resp: 417659

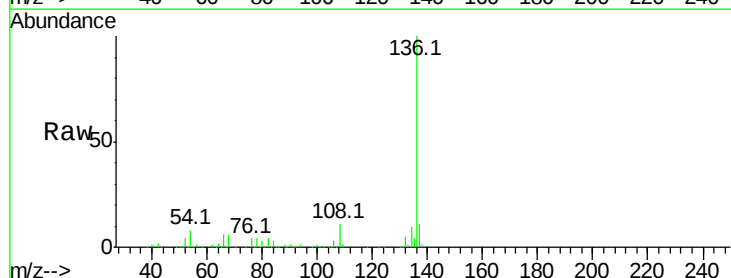
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 7.4 11.0

68 6.2 5.8 8.8

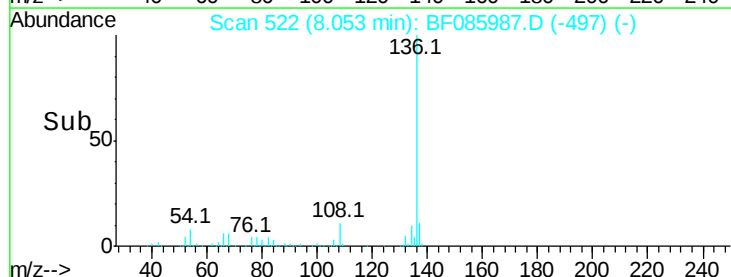
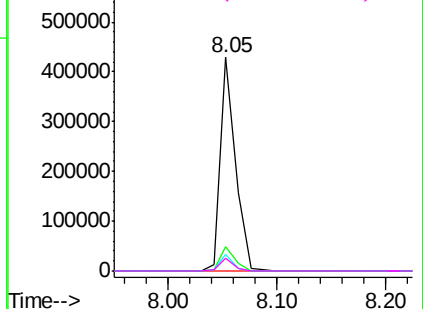


Abundance Ion 136.00 (135.70 to 136.70): E

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

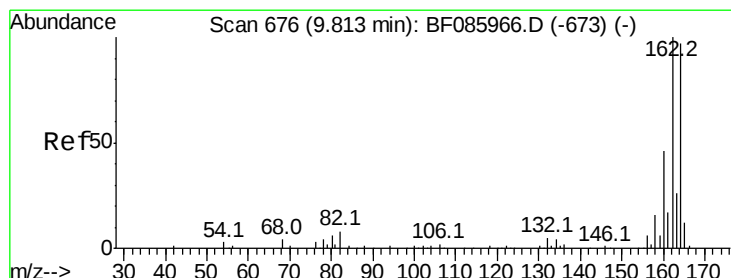
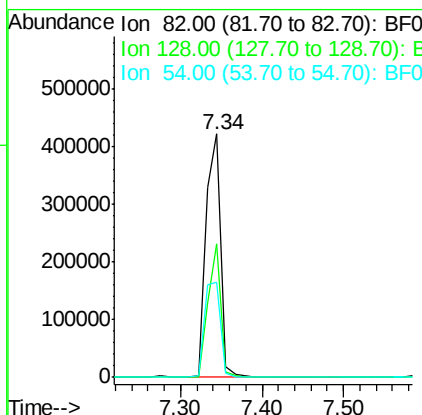
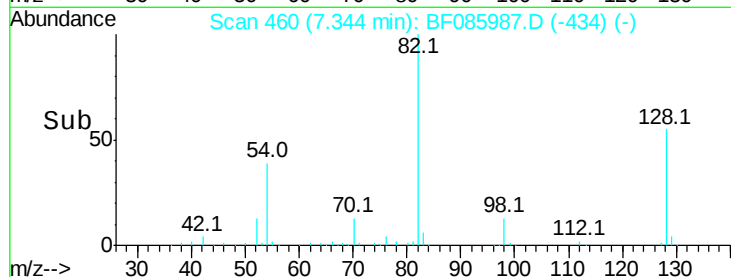
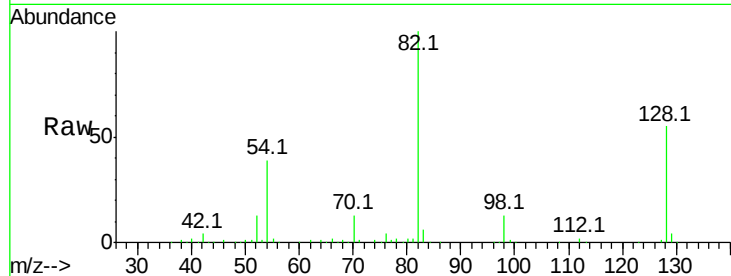




#23
 Nitrobenzene-d5
 Concen: 76.16 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

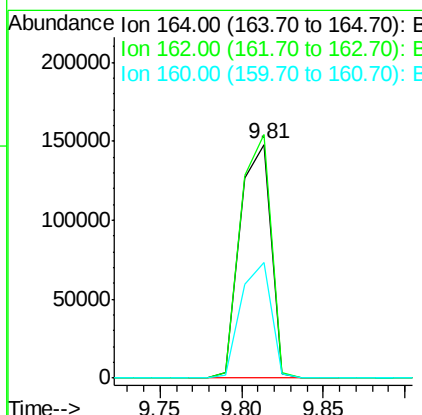
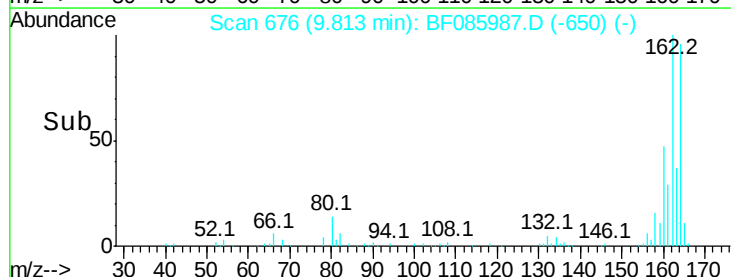
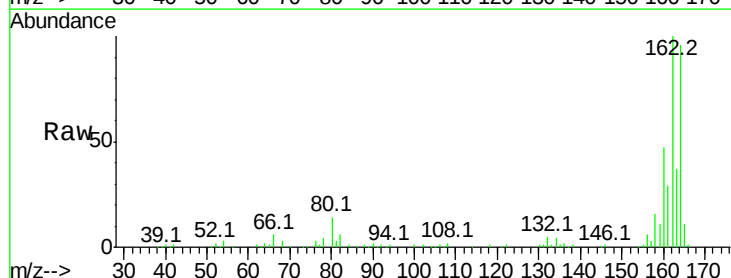
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

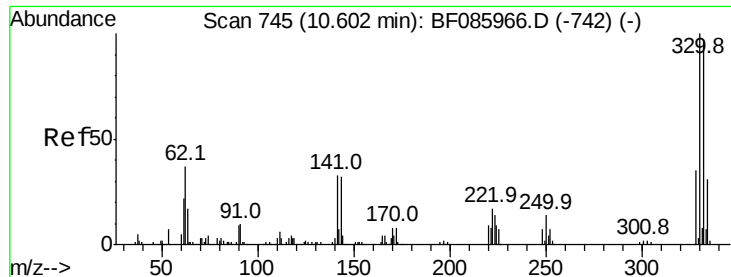
Tot Ion:	82	Resp:	539394
Ion	Ratio	Lower	Upper
82	100		
128	55.1	41.8	62.8
54	39.3	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:	164	Resp:	192778
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	49.2	37.4	56.2

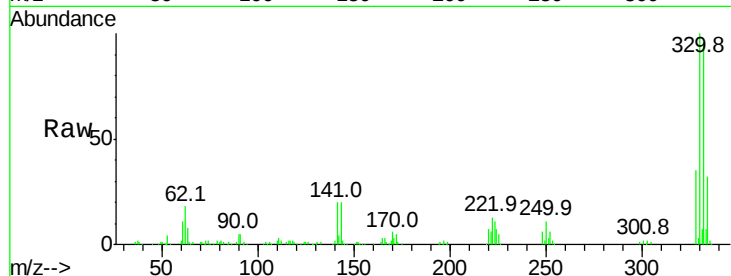




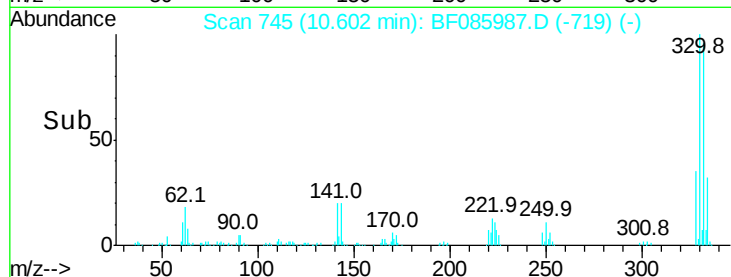
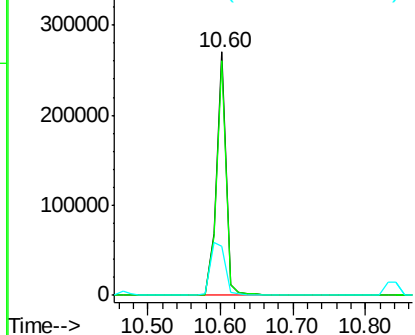
#41
 2,4,6-Tribromophenol
 Concen: 137.28 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:330 Resp: 248391
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 33.8 31.5 47.3

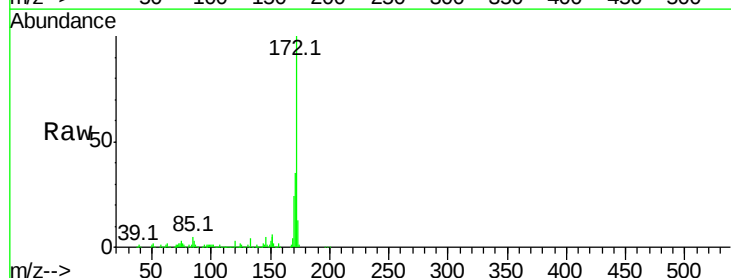


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

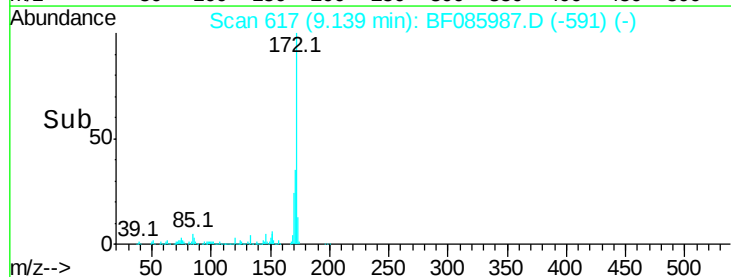
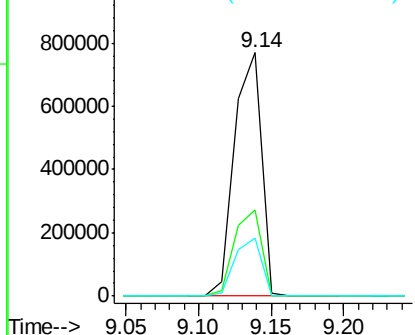


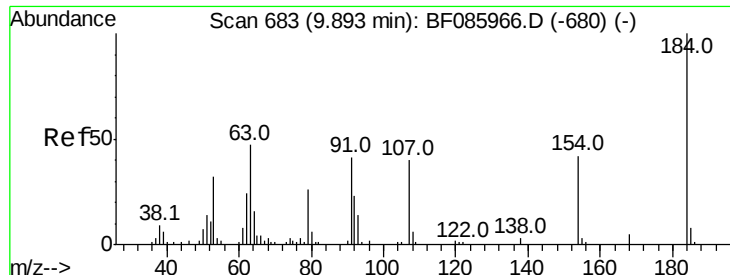
#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:172 Resp: 996587
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 24.1 19.8 29.6



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

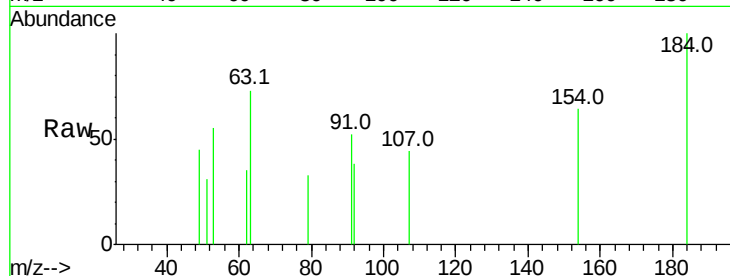




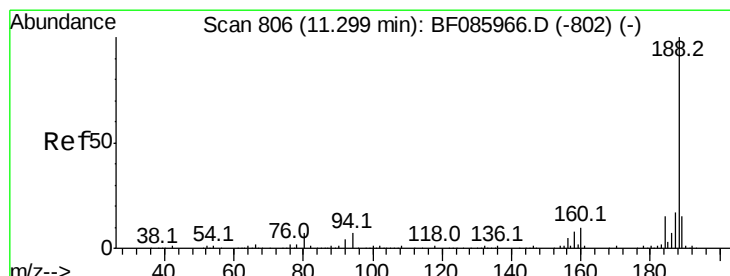
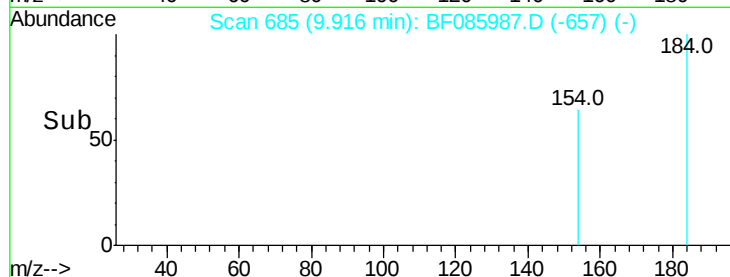
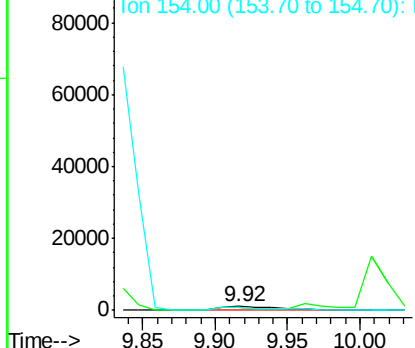
#53
 2,4-Dinitrophenol
 Concen: 4.68 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.02 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:184 Resp: 2968
 Ion Ratio Lower Upper
 184 100
 63 73.0 69.5 104.3
 154 63.8 58.3 87.5

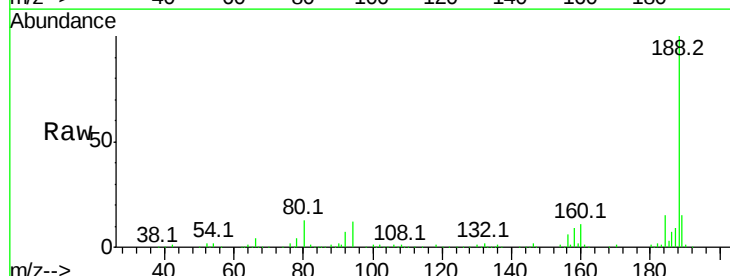


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

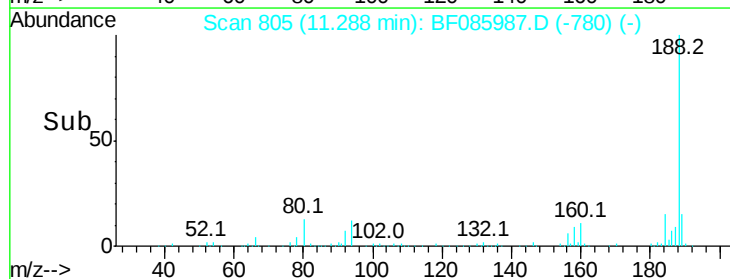
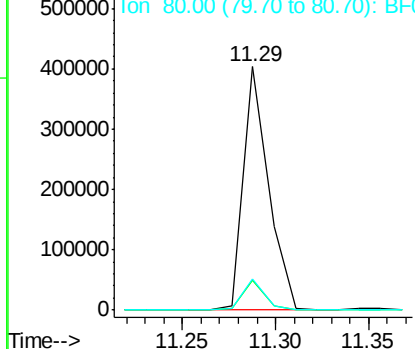


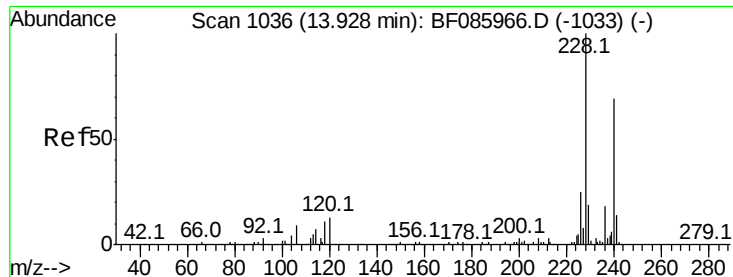
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:188 Resp: 379850
 Ion Ratio Lower Upper
 188 100
 94 12.4 5.4 8.0#
 80 12.8 5.5 8.3#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

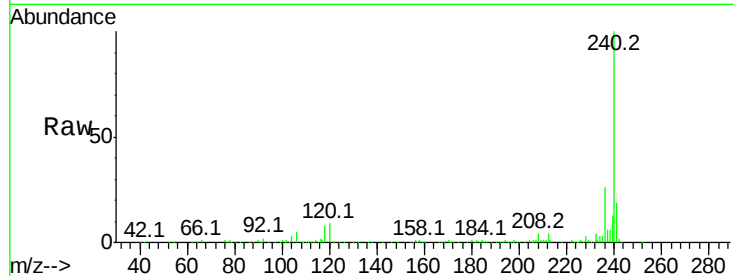
Tot Ion:240 Resp: 349087

Ion Ratio Lower Upper

240 100

120 8.7 13.8 20.8#

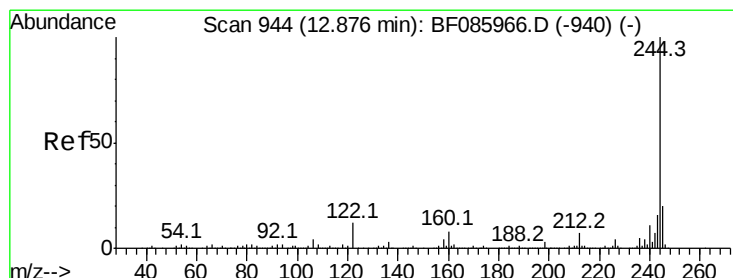
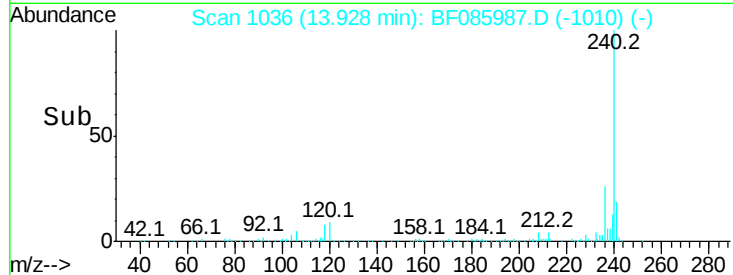
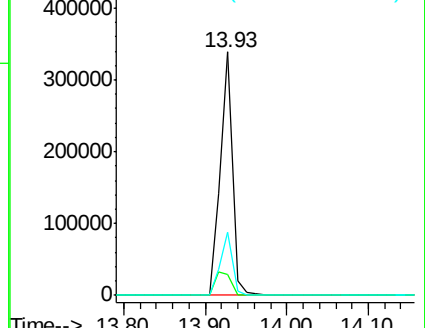
236 26.0 20.6 30.8



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: 69.62 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

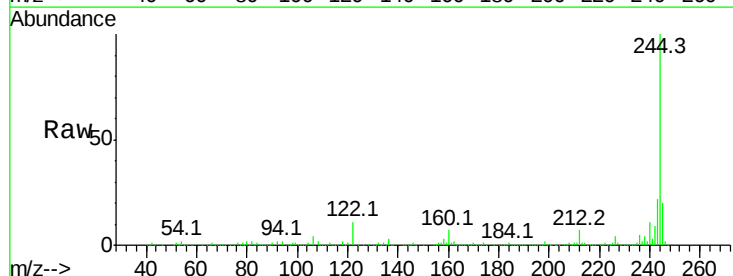
Tgt Ion:244 Resp: 1033829

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

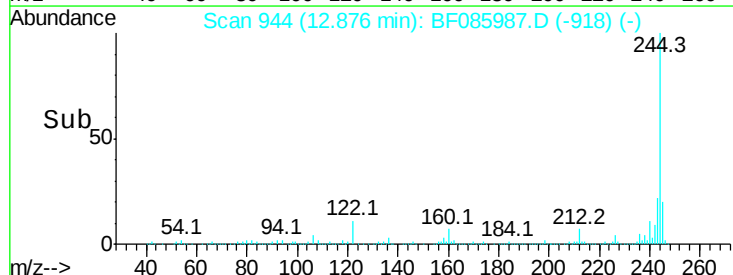
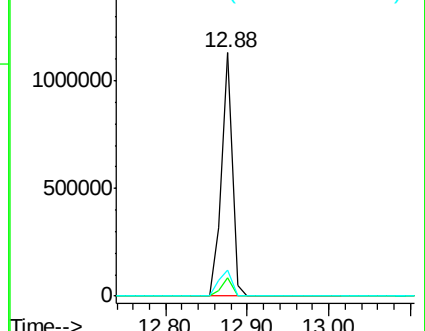
122 10.6 10.2 15.4

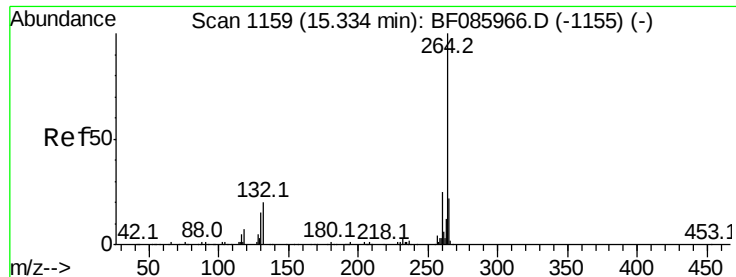


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

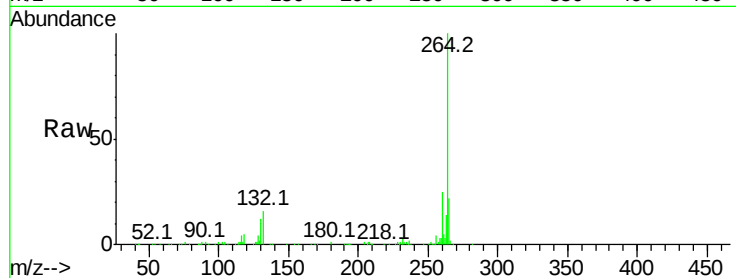




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Instrument :
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LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
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

