

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091641.D
 Acq On : 15 Dec 2016 21:09
 Operator : UM/SJ
 Sample : H6029-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Quant Time: Dec 16 00:15:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

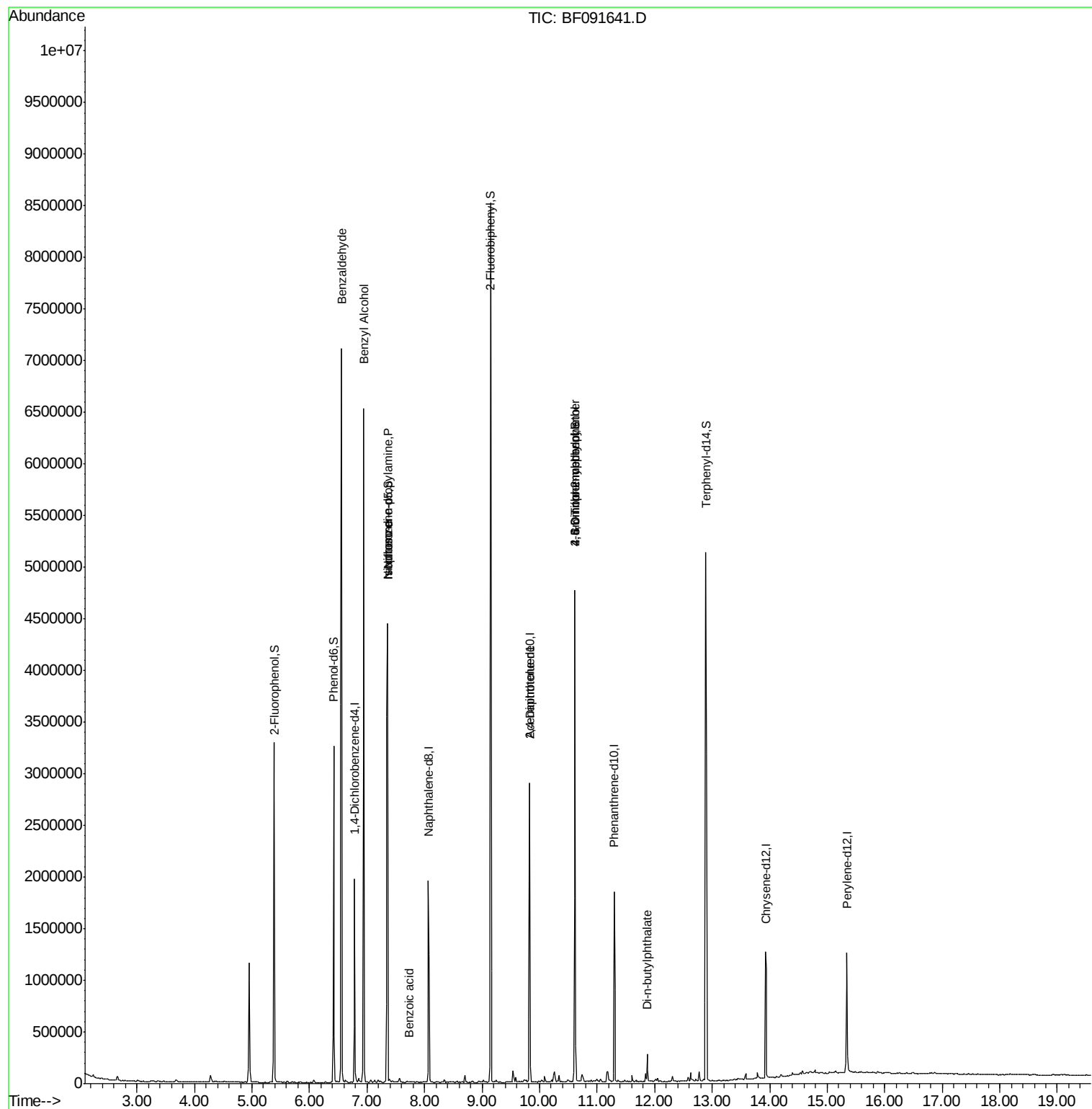
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	298005	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	1131124	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	587598	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	766868	20.00	ng	-0.03
75) Chrysene-d12	13.94	240	592654	20.00	ng	-0.02
86) Perylene-d12	15.35	264	567710	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1320611	74.66	ng	-0.02
7) Phenol-d6	6.42	99	999857	45.34	ng	-0.03
23) Nitrobenzene-d5	7.36	82	2122743	104.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	533635	109.34	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	2605556	76.62	ng	-0.03
78) Terphenyl-d14	12.89	244	2087911	79.94	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	53428	3.52	ng	86
15) Benzyl Alcohol	6.94	79	35366	2.03	ng	# 29
19) n-Nitroso-di-n-propylamine	7.36	70	286650	20.79	ng	# 58
20) 3+4-Methylphenols	7.21	107	239	Below Cal	#	6
25) Isophorone	7.36	82	1938165	53.80	ng	# 67
32) Benzoic acid	7.73	122	261	4.92	ng	# 1
56) 2,4-Dinitrotoluene	9.82	165	75985	7.42	ng	# 34
57) Fluorene	10.50	166	976	Below Cal	#	8
64) 4,6-Dinitro-2-methylphenol	10.61	198	1420	3.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	36713	4.67	ng	# 1
73) Di-n-butylphthalate	11.87	149	93153	2.23	ng	99

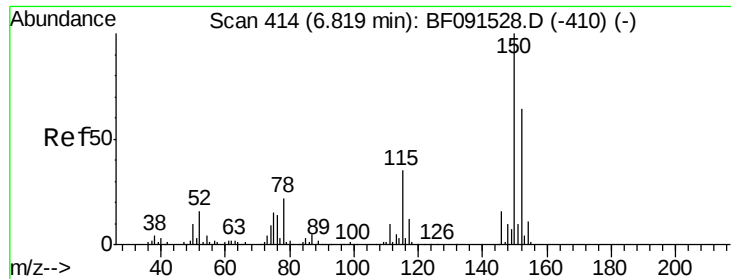
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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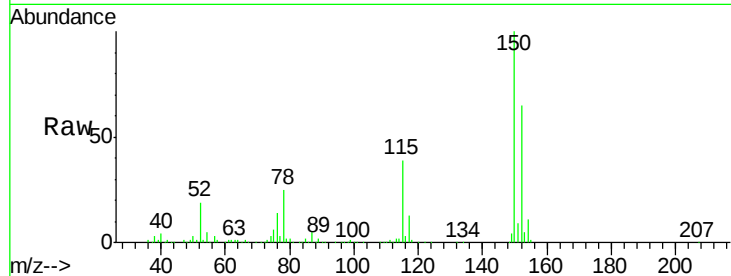


#1

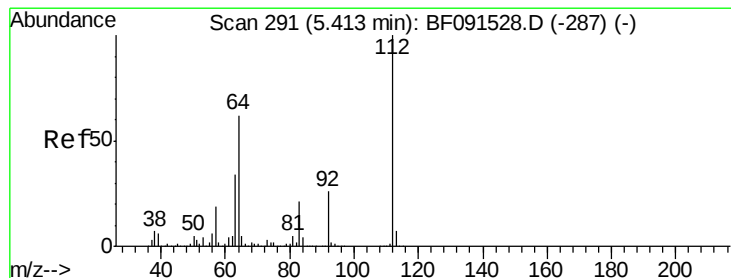
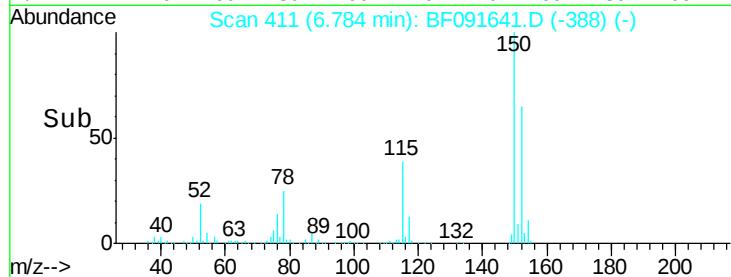
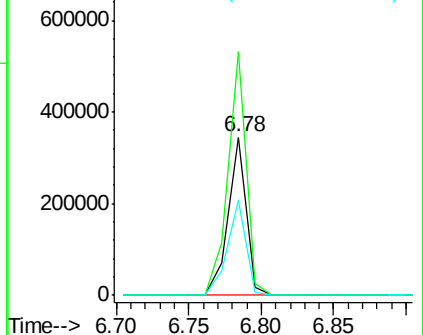
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:152 Resp: 298005
Ion Ratio Lower Upper
152 100
150 154.2 122.5 183.7
115 60.4 51.8 77.8



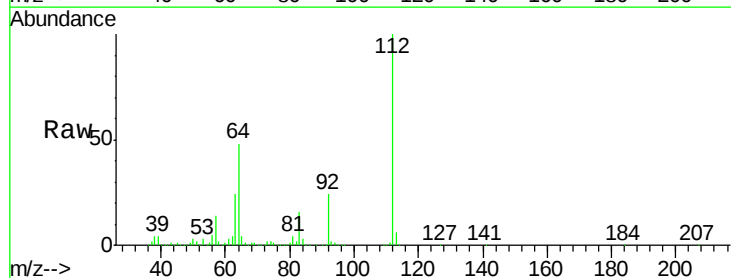
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



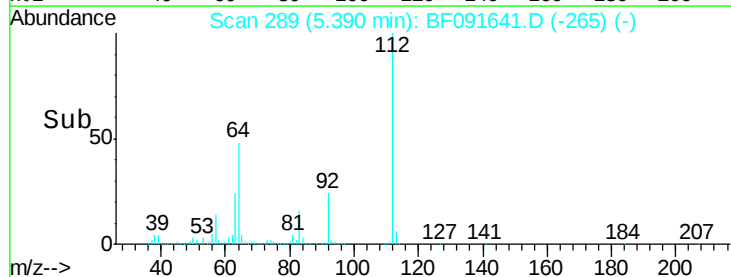
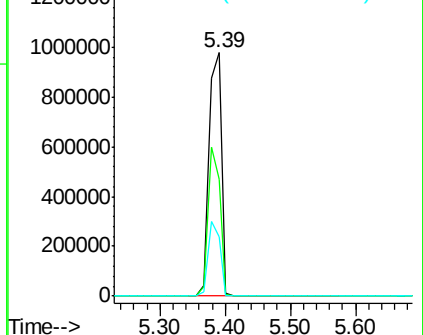
#5

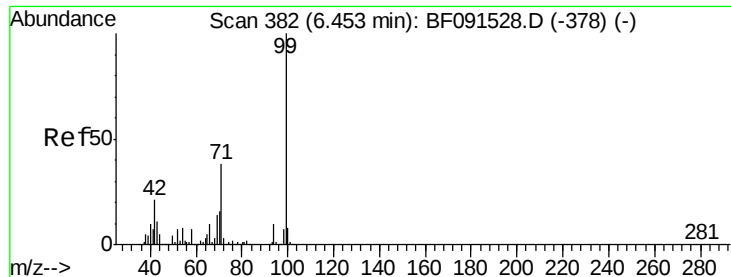
2-Fluorophenol
Concen: 74.66 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:112 Resp: 1320611
Ion Ratio Lower Upper
112 100
64 48.2 61.5 92.3#
63 24.4 33.3 49.9#



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: 45.34 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

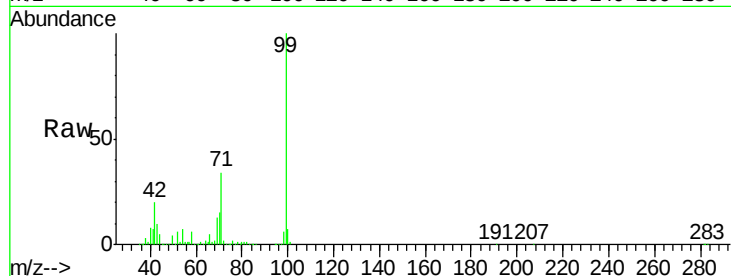
Tgt Ion: 99 Resp: 999857

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

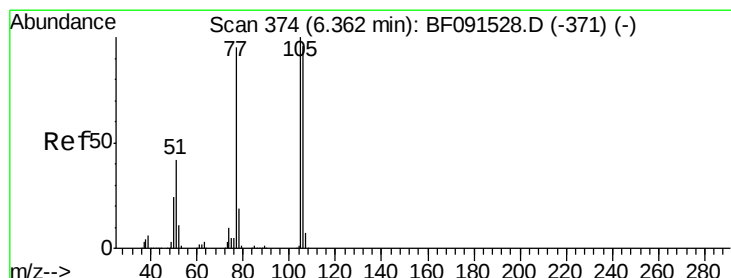
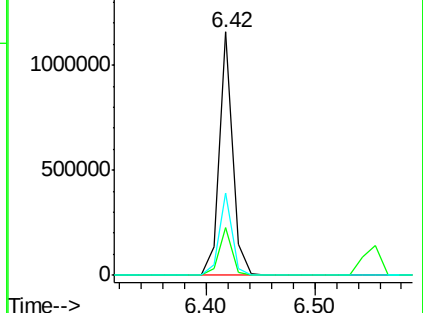
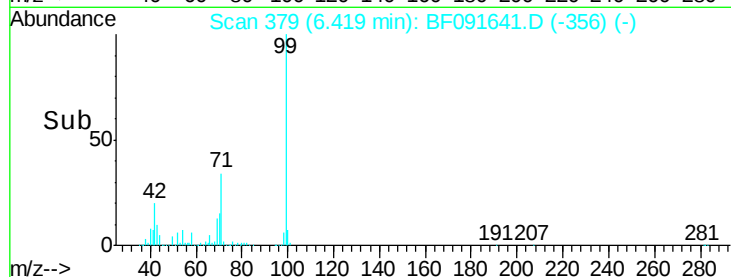
71 33.7 29.9 44.9



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



#9

Benzaldehyde

Concen: 3.52 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.19 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

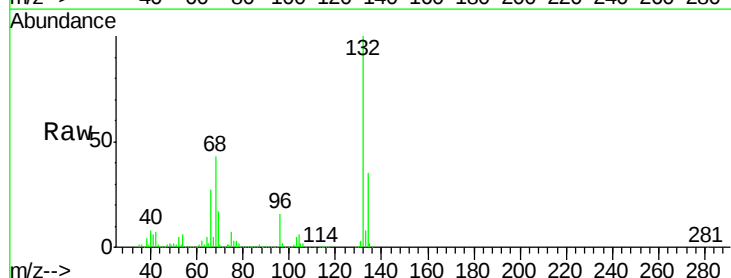
Tgt Ion: 77 Resp: 53428

Ion Ratio Lower Upper

77 100

105 75.7 66.4 106.4

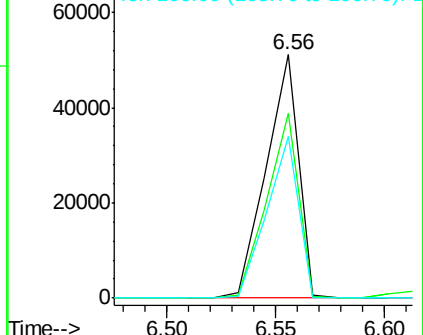
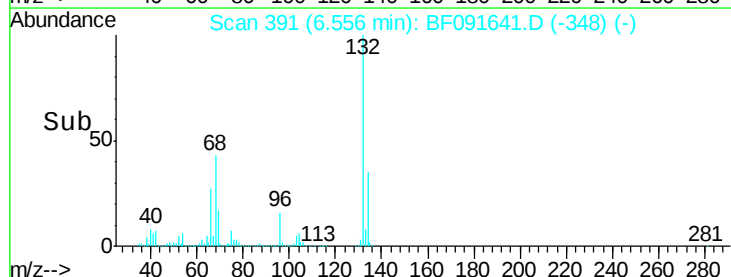
106 66.2 60.9 100.9

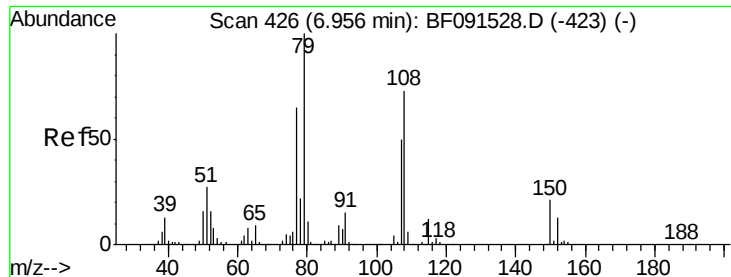


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

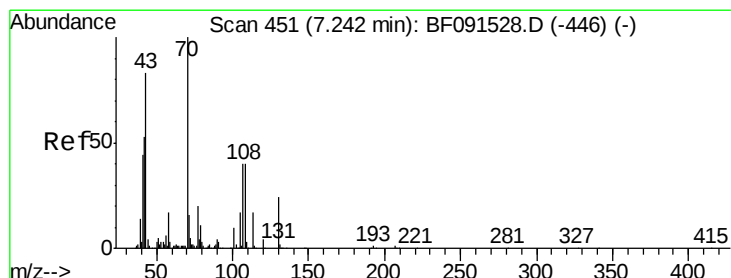
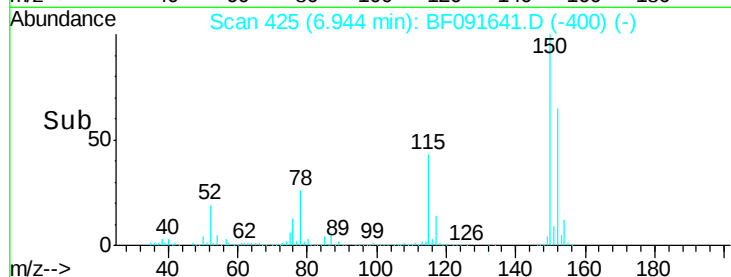
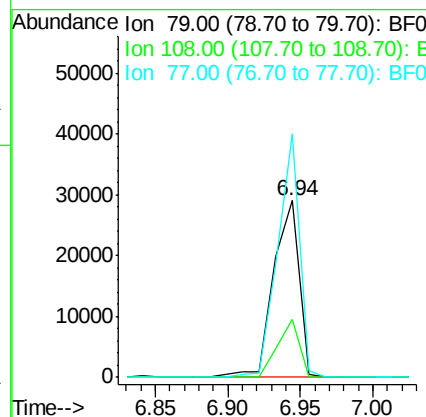
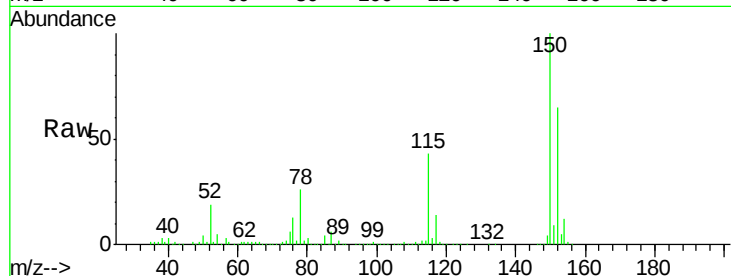
Tgt Ion: 79 Resp: 35366

Ion Ratio Lower Upper

79 100

108 32.6 62.7 94.1#

77 137.6 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 20.79 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.11 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Tgt Ion: 70 Resp: 286650

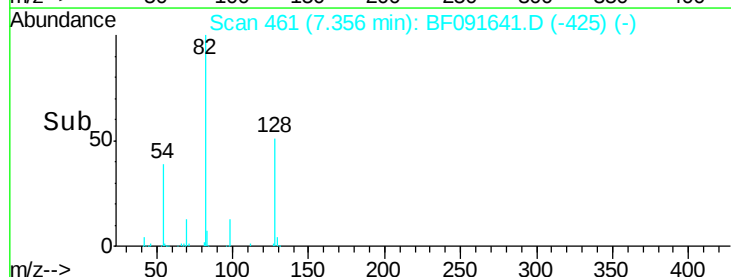
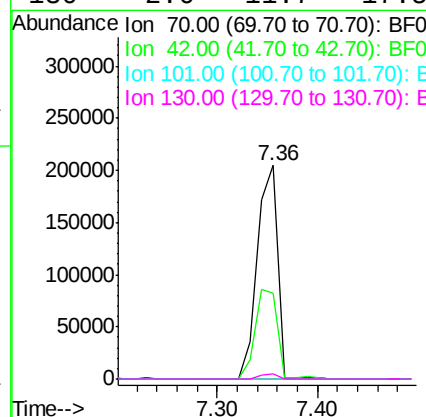
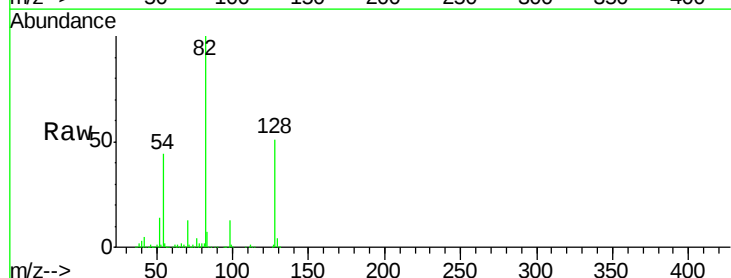
Ion Ratio Lower Upper

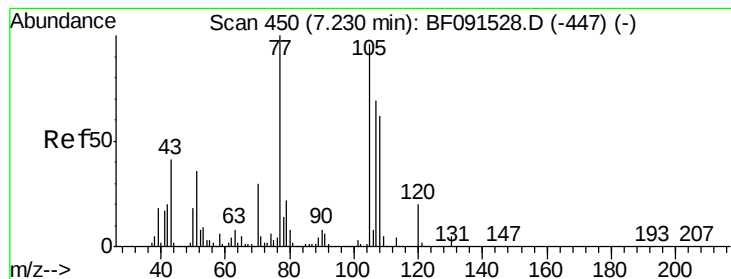
70 100

42 40.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.6 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.21 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

Tgt Ion:107 Resp: 239

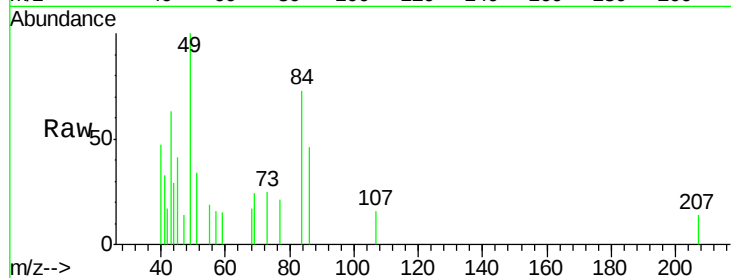
Ion Ratio Lower Upper

107 100

108 0.0 64.6 104.6#

77 133.0 30.9 70.9#

79 0.0 9.3 49.3#

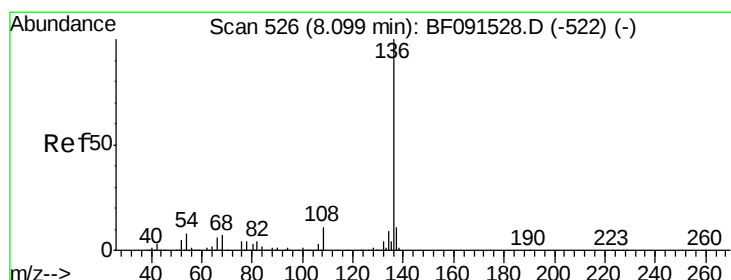
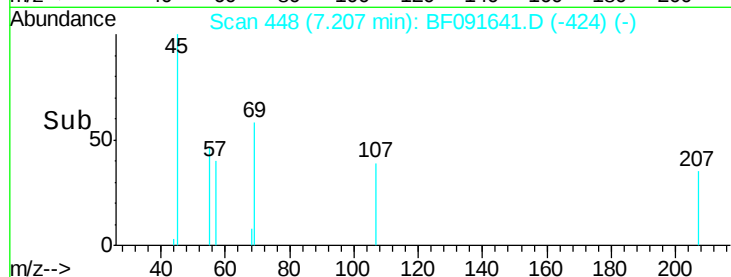
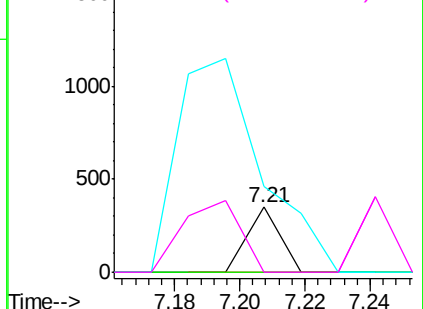


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Tgt Ion:136 Resp: 1131124

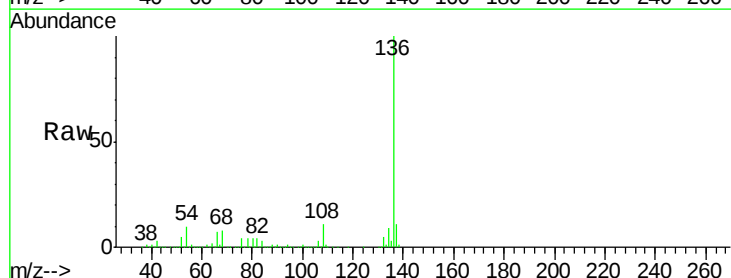
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.4 9.1 13.7

68 8.0 5.9 8.9

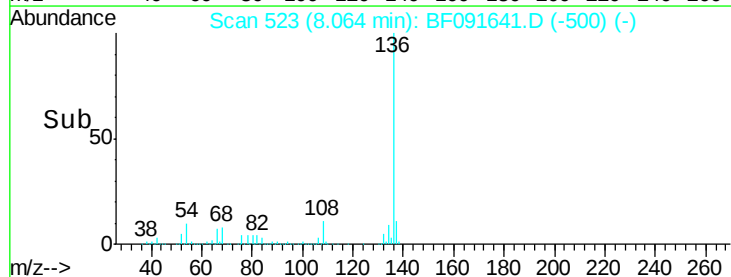
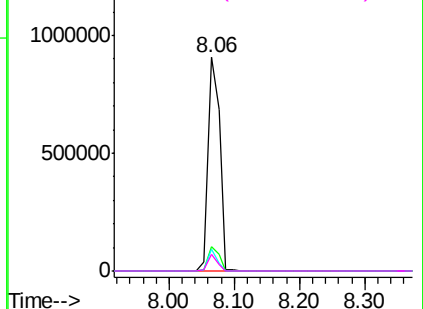


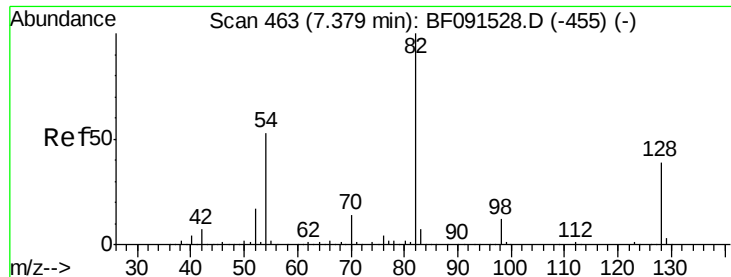
Abundance Ion 136.00 (135.70 to 136.70): E

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

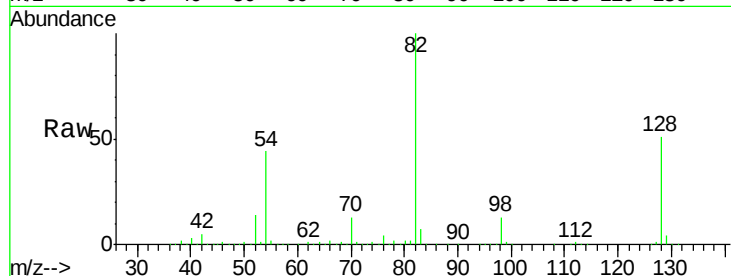




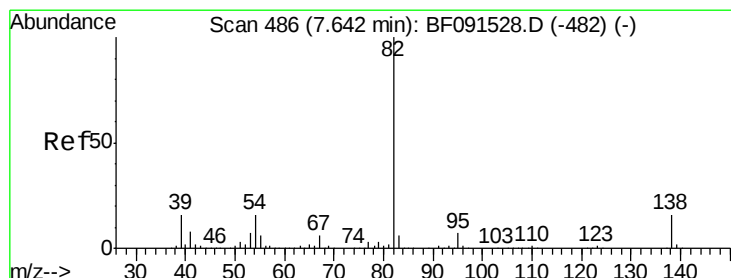
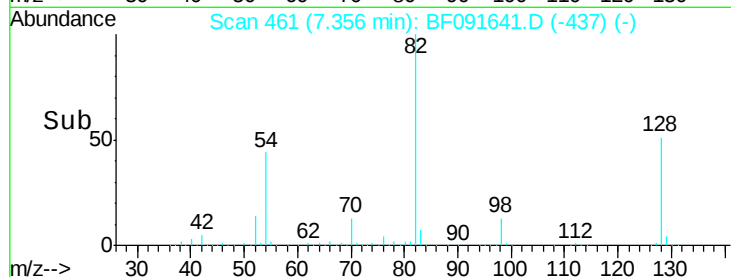
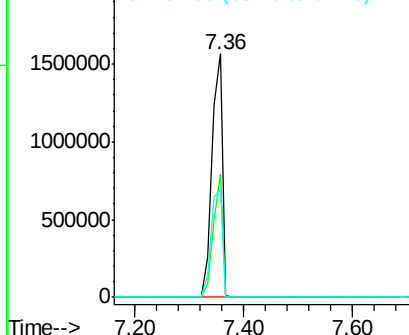
#23
 Nitrobenzene-d5
 Concen: 104.74 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Tgt Ion: 82 Resp: 2122743
 Ion Ratio Lower Upper
 82 100
 128 50.6 31.8 47.6#
 54 44.1 49.1 73.7#

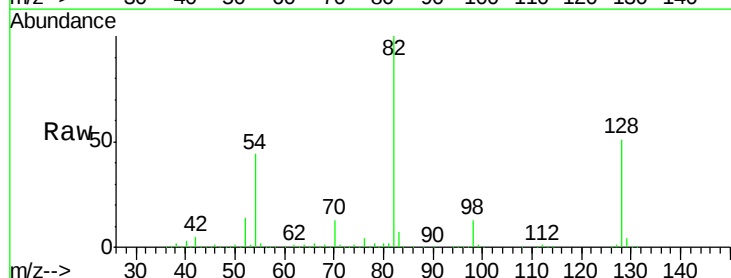


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

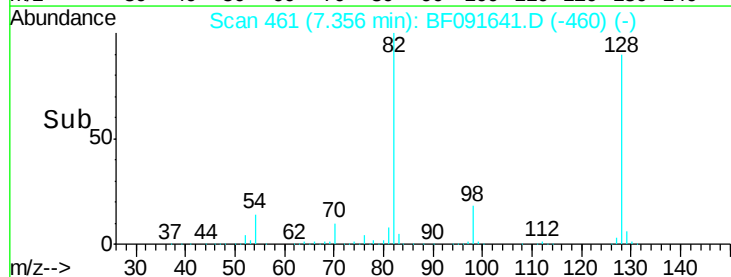
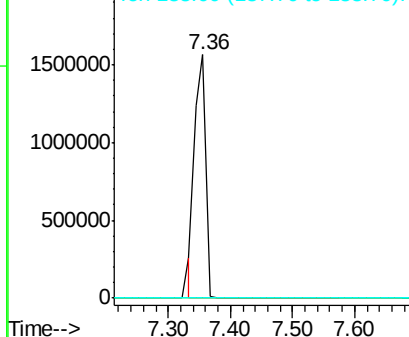


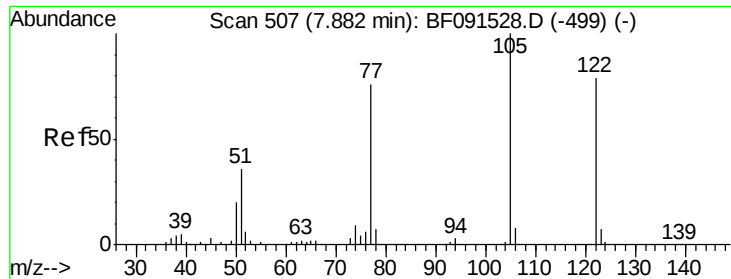
#25
 Isophorone
 Concen: 53.80 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.29 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Tgt Ion: 82 Resp: 1938165
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

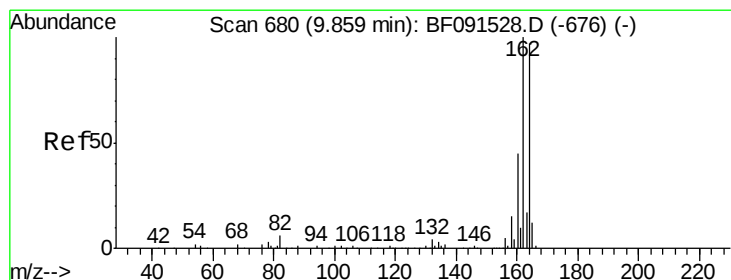
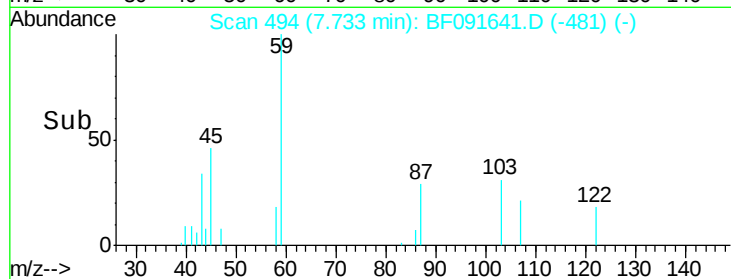
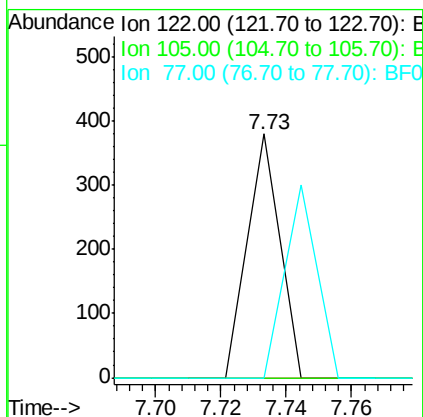
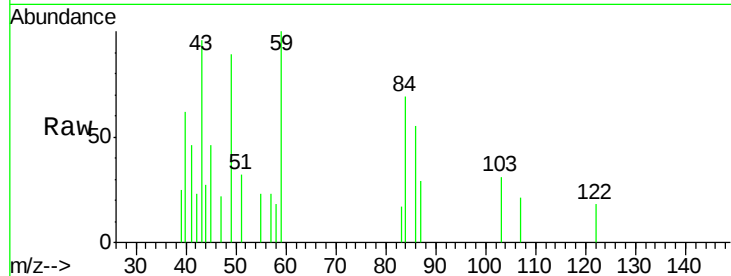




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.15 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

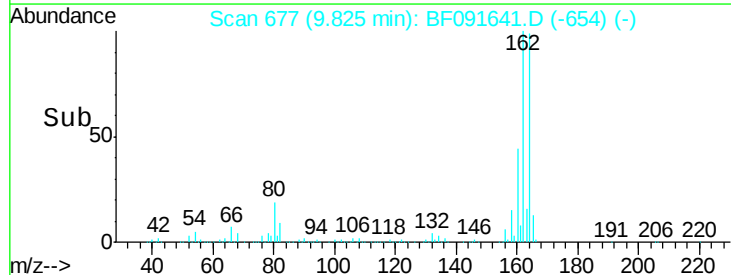
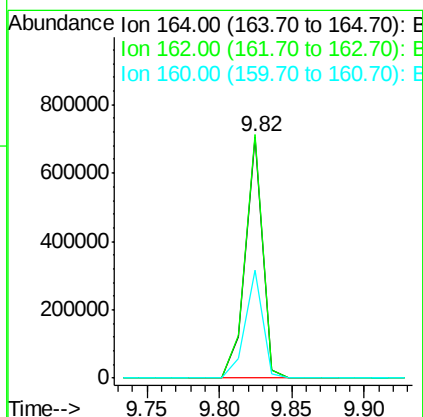
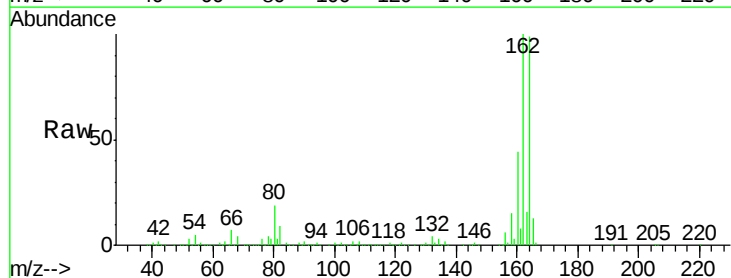
Instrument :
BNA_F
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IDW-WATER-01

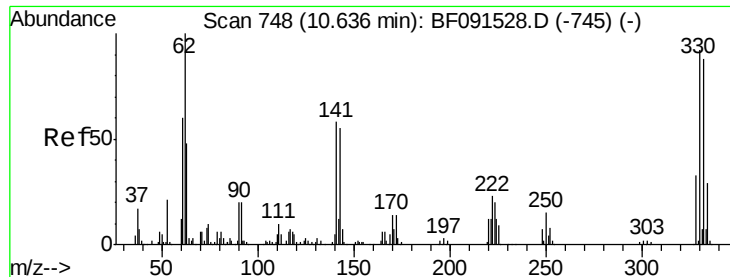
Tgt Ion:122 Resp: 261
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 0.0 82.0 122.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:164 Resp: 587598
Ion Ratio Lower Upper
164 100
162 100.8 82.6 124.0
160 44.5 36.7 55.1

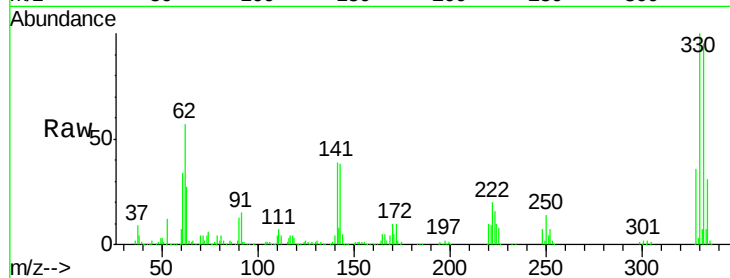




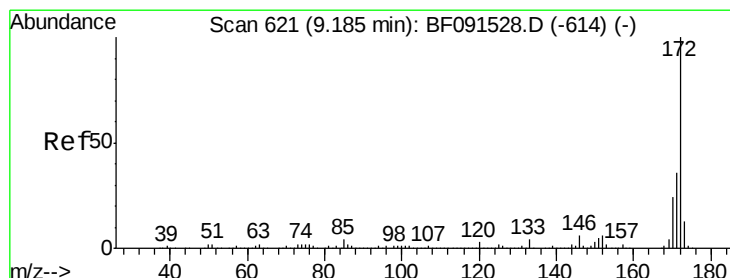
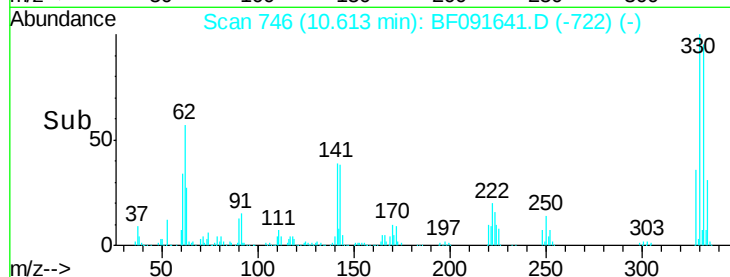
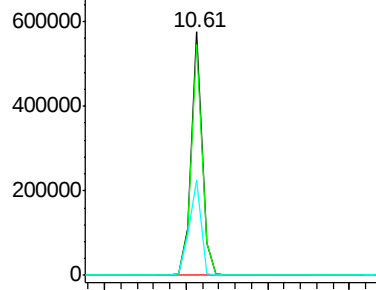
#41
 2,4,6-Tribromophenol
 Concen: 109.34 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-01

Tgt Ion:330 Resp: 533635
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 42.7 33.6 50.4

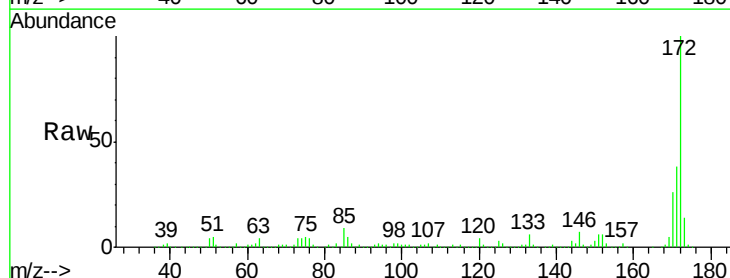


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

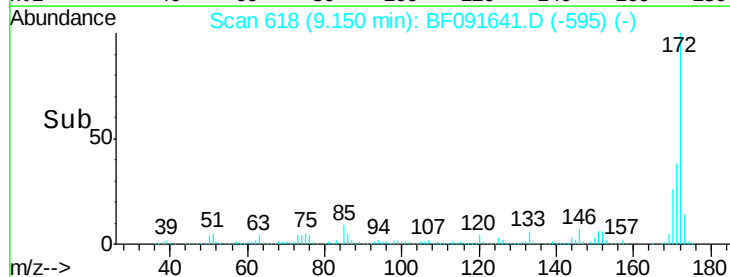
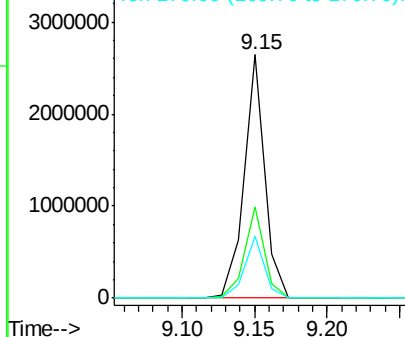


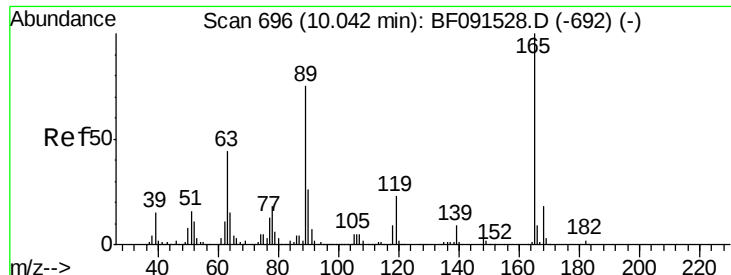
#44
 2-Fluorobiphenyl
 Concen: 76.62 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF091641.D
 Acq: 15 Dec 2016 21:09

Tgt Ion:172 Resp: 2605556
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.4 44.0
 170 25.6 19.7 29.5



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

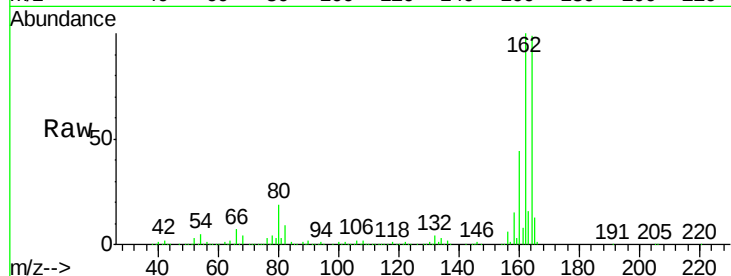




#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

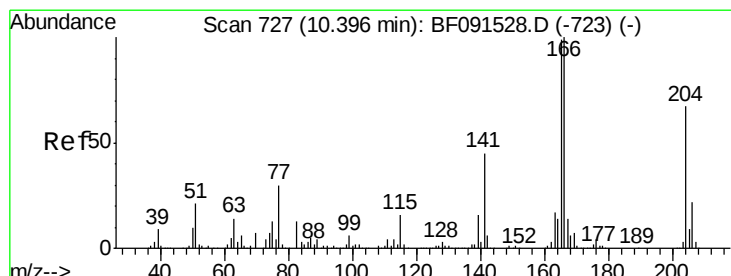
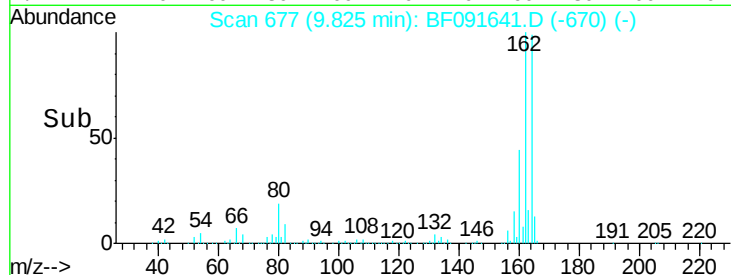
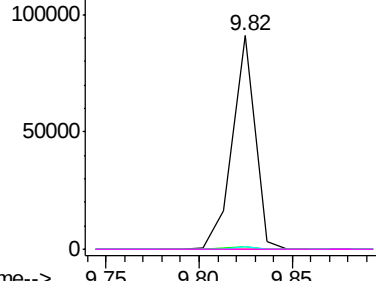


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

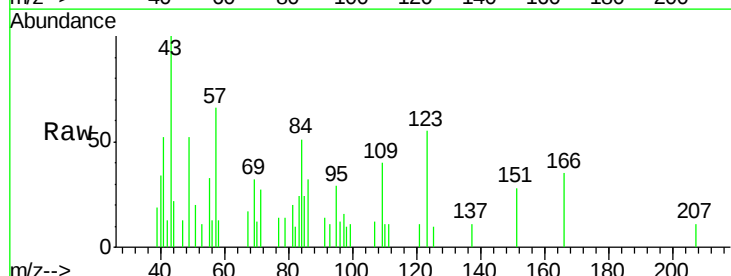
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.50 min Scan# 736
Delta R.T. 0.10 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

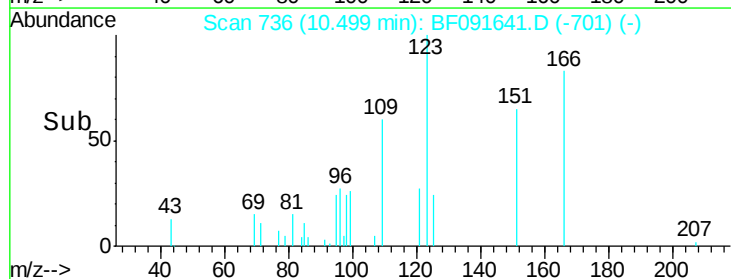
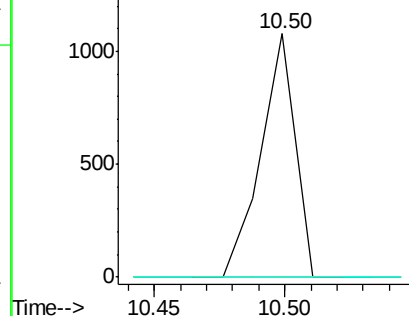
Tgt Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.0	120.0#
167	0.0	10.8	16.2#

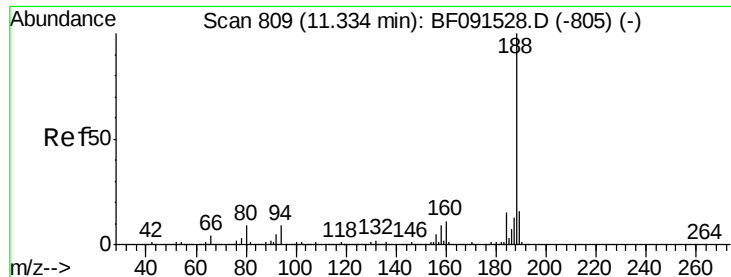


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

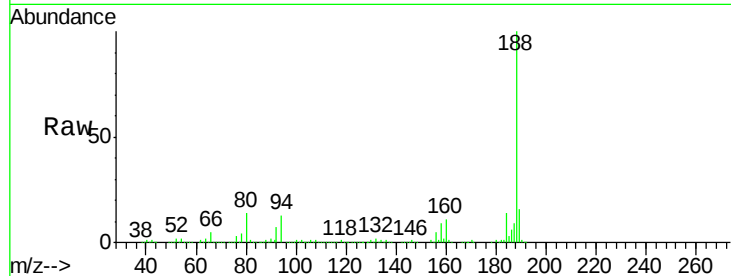




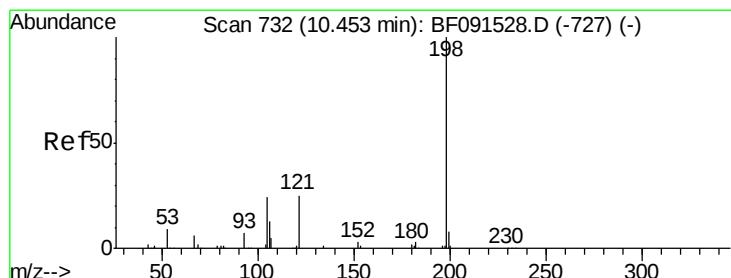
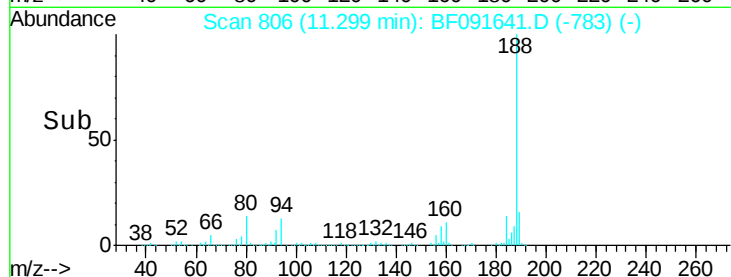
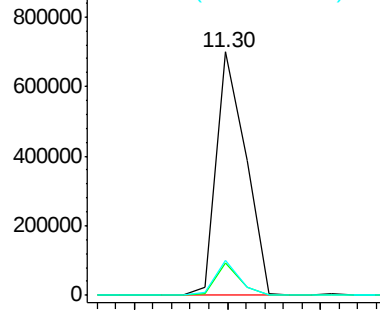
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:188 Resp: 766868
Ion Ratio Lower Upper
188 100
94 13.3 9.2 13.8
80 14.3 10.5 15.7

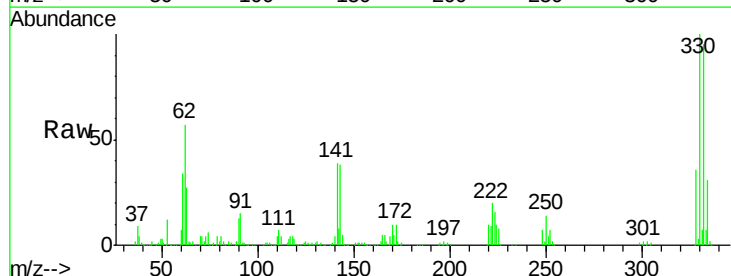


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

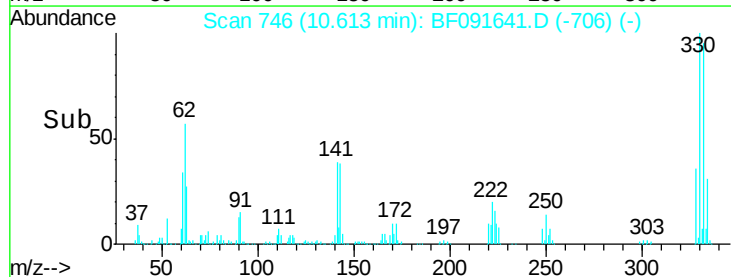
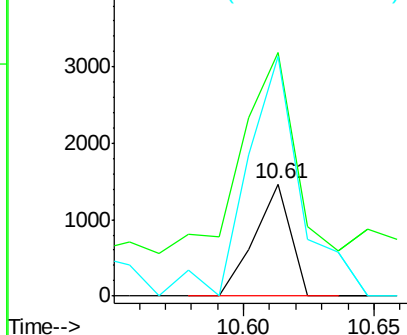


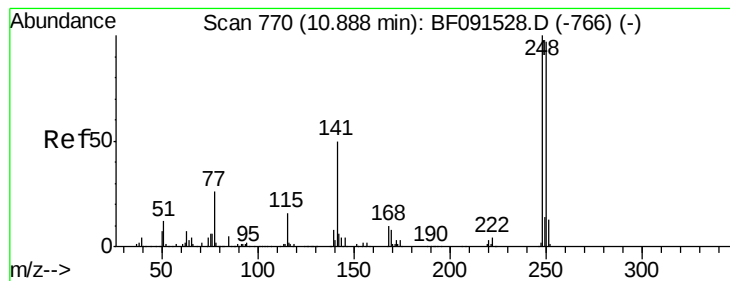
#64
4,6-Dinitro-2-methylphenol
Concen: 3.23 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:198 Resp: 1420
Ion Ratio Lower Upper
198 100
51 217.5 77.1 117.1#
105 213.9 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.67 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.27 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

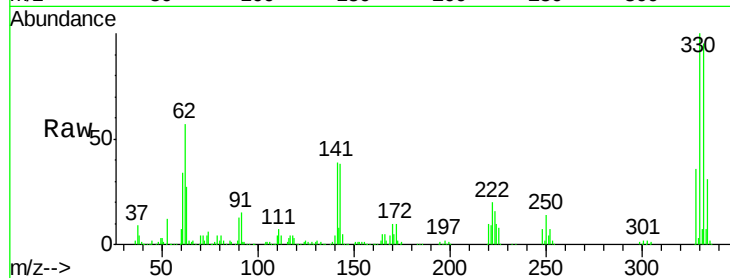
Tgt Ion:248 Resp: 36713

Ion Ratio Lower Upper

248 100

250 200.0 78.2 117.4#

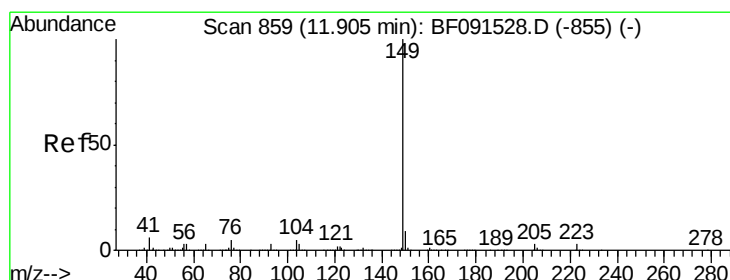
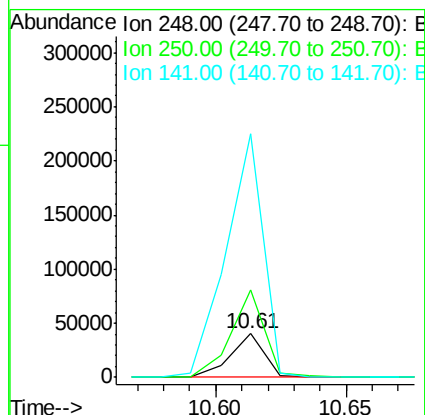
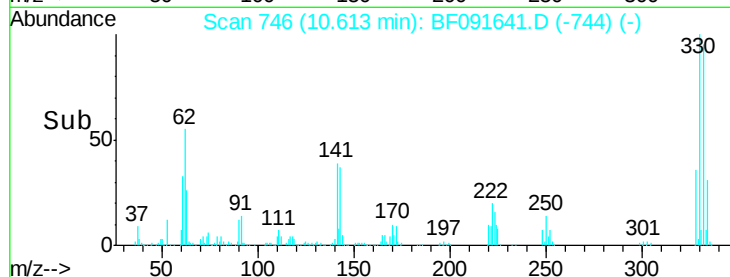
141 556.8 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: 2.23 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.03 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

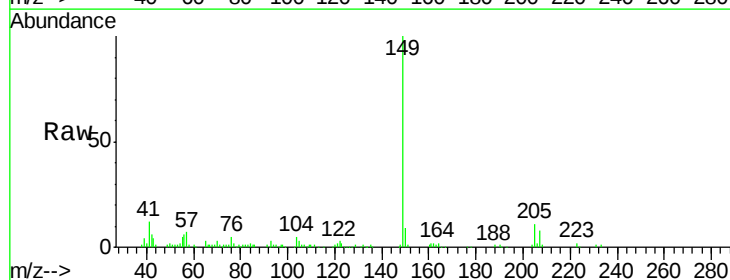
Tgt Ion:149 Resp: 93153

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

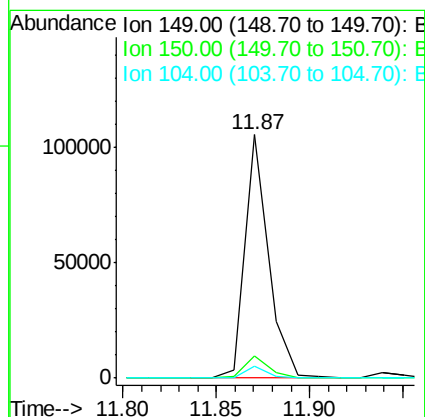
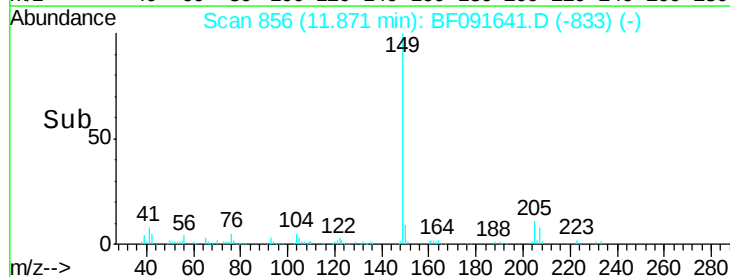
104 4.8 4.0 6.0

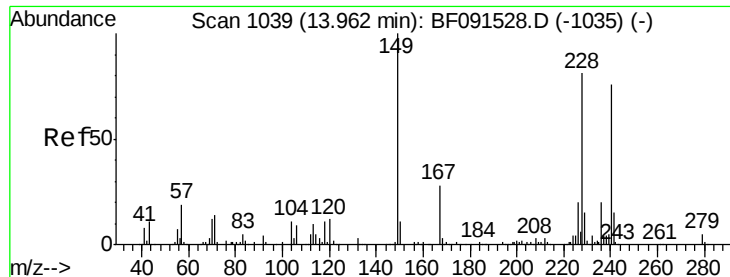


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

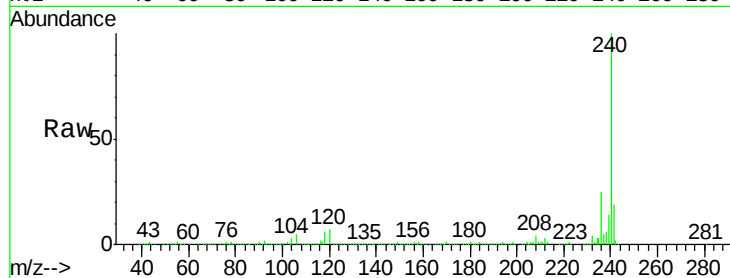
Tgt Ion:240 Resp: 592654

Ion Ratio Lower Upper

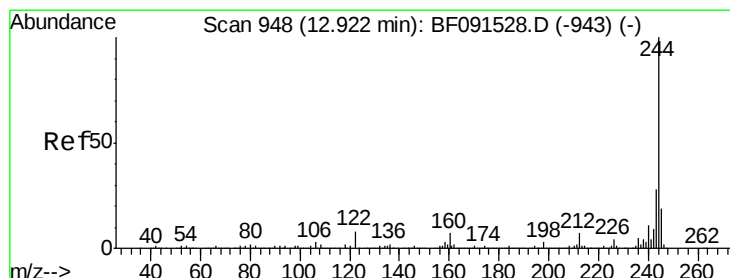
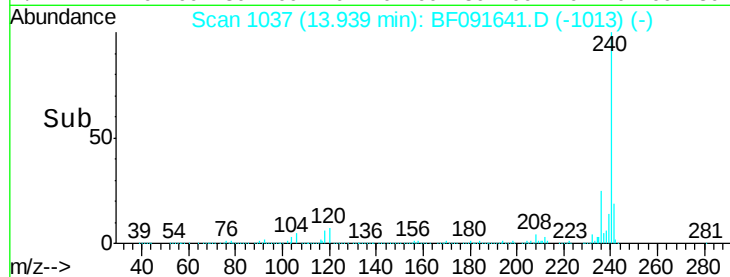
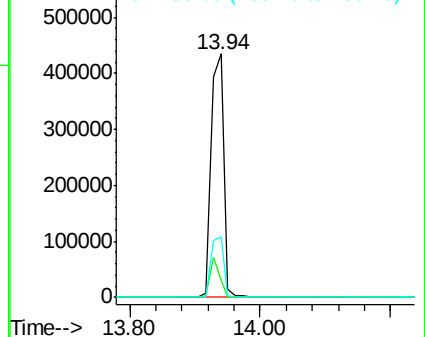
240 100

120 7.3 12.1 18.1#

236 24.8 21.0 31.6



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: 79.94 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

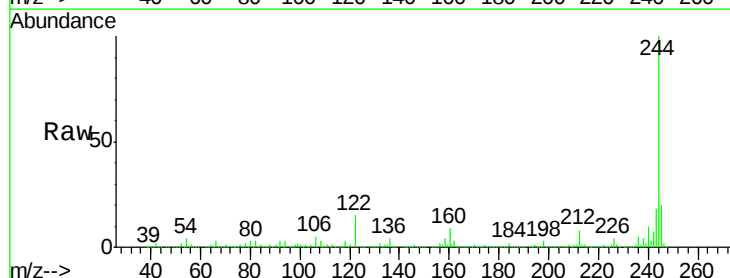
Tgt Ion:244 Resp: 2087911

Ion Ratio Lower Upper

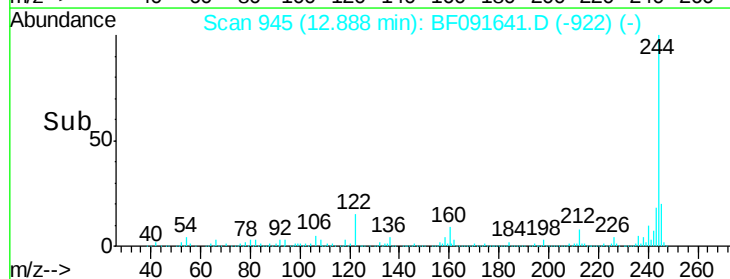
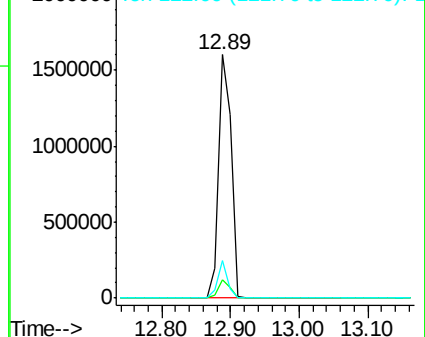
244 100

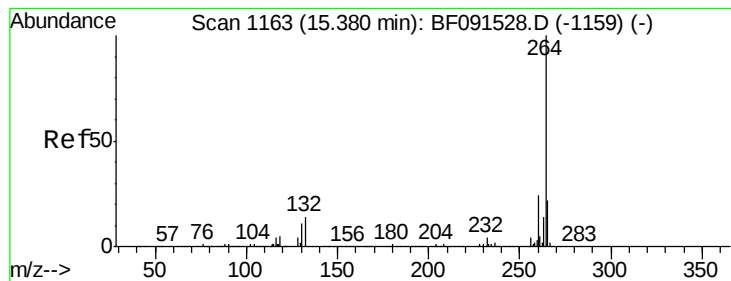
212 7.6 6.5 9.7

122 15.4 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. -0.03 min

Lab File: BF091641.D

Acq: 15 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-01

Tgt Ion: 264 Resp: 567710

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.0 17.0 25.6

