

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078000.D
 Acq On : 26 Mar 2015 17:33
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-WATER-1PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 00:20:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

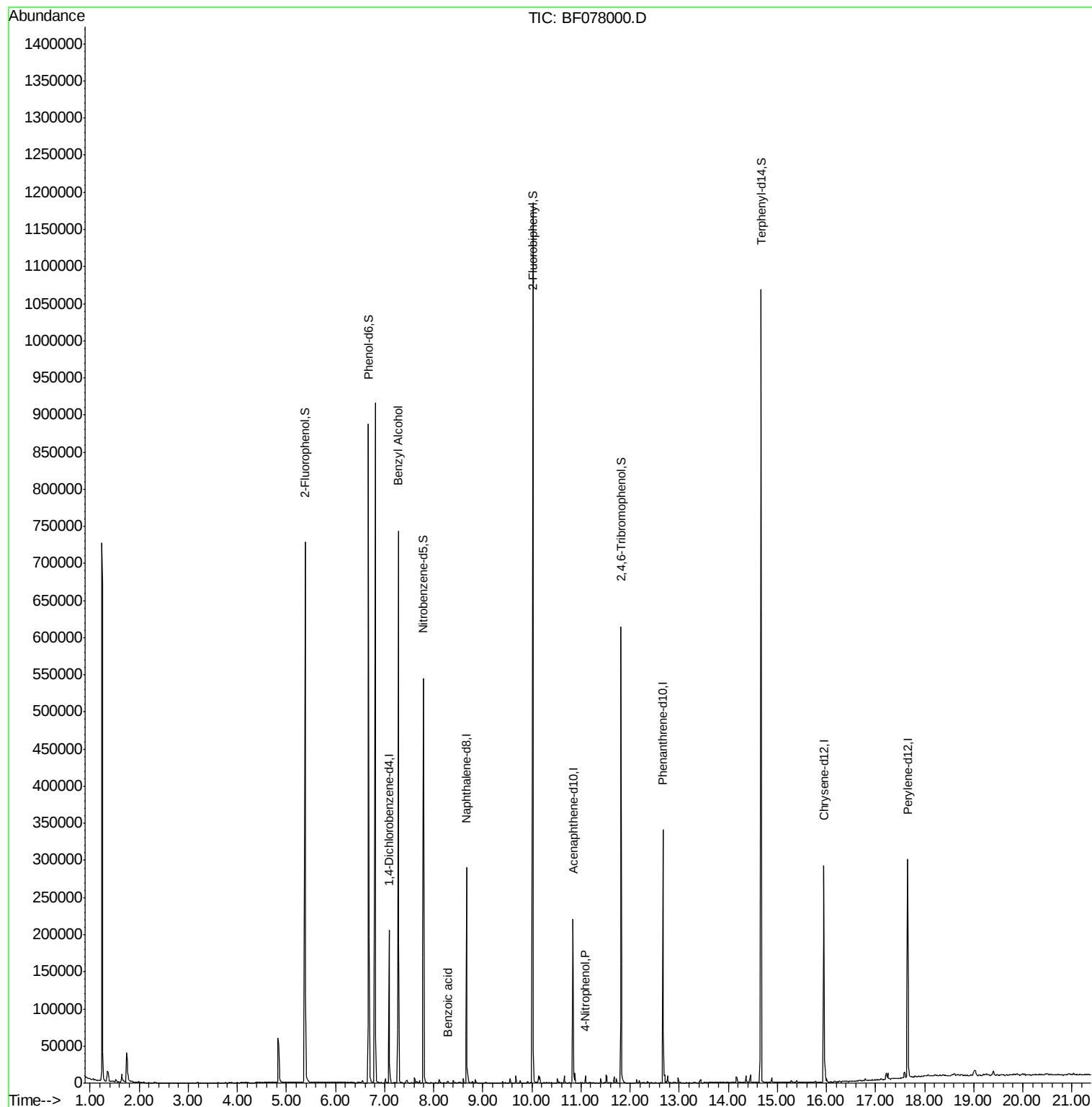
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	32771	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	137527	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	66173	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	135434	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	138231	20.00	ng	-0.06
86) Perylene-d12	17.65	264	132419	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	261145	139.10	ng	0.00
7) Phenol-d6	6.67	99	314467	135.57	ng	-0.01
23) Nitrobenzene-d5	7.79	82	183549	87.49	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	75013	118.48	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	409535	90.95	ng	0.00
78) Terphenyl-d14	14.67	244	497828	87.97	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.28	79	3851	2.13	ng	# 44
32) Benzoic acid	8.28	122	1225	4.11	ng	# 1
55) 4-Nitrophenol	11.09	139	1769	2.02	ng	# 18

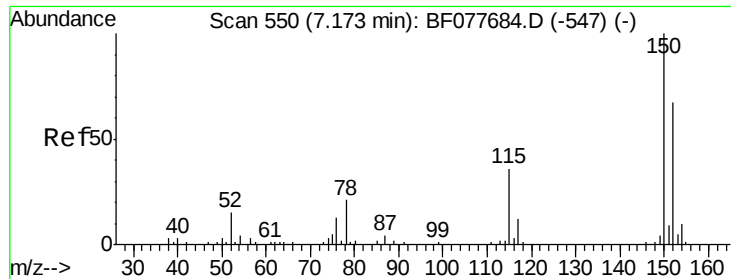
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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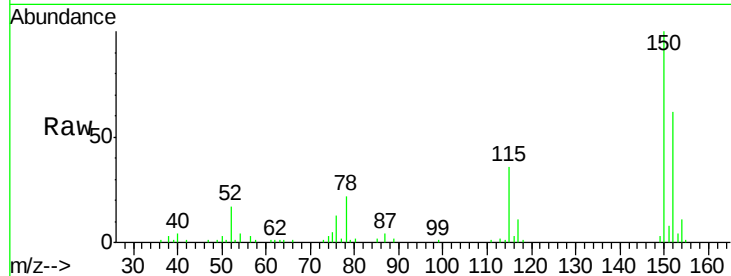


#1

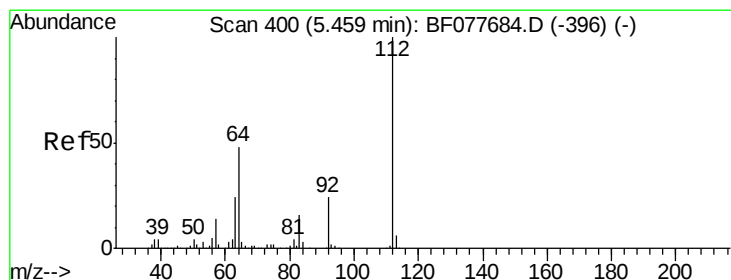
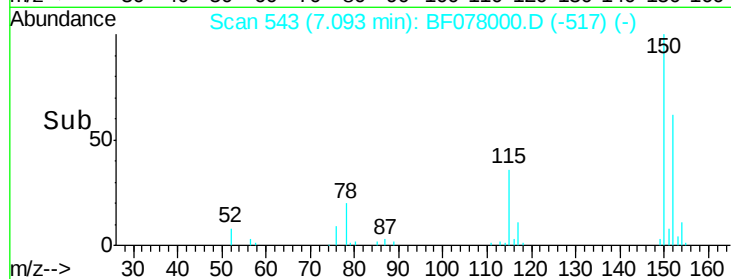
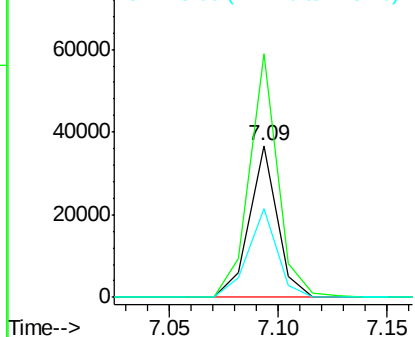
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 32771
Ion Ratio Lower Upper
152 100
150 160.7 119.5 179.3
115 58.3 43.0 64.4



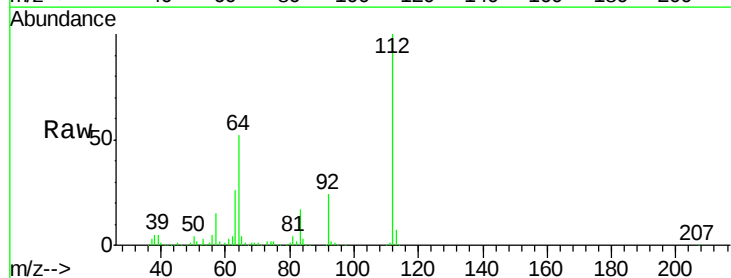
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



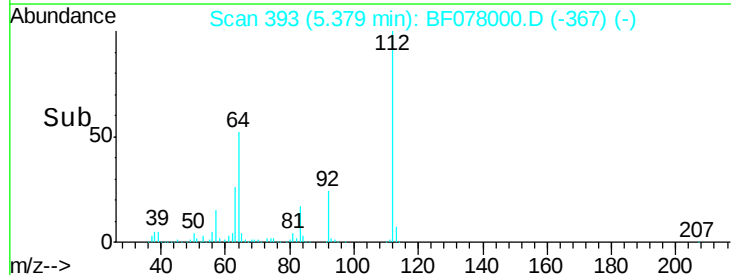
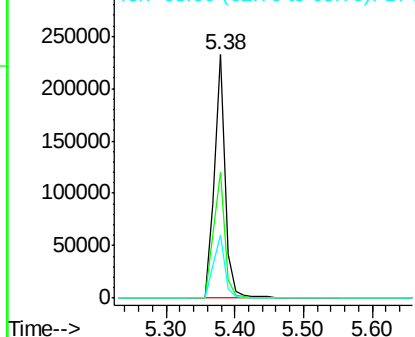
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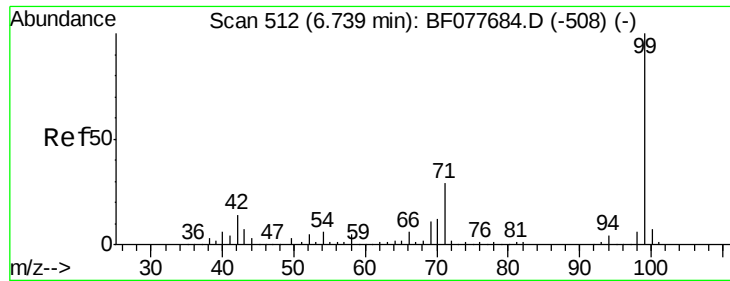
2-Fluorophenol
Concen: 139.10 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Tgt Ion:112 Resp: 261145
Ion Ratio Lower Upper
112 100
64 51.7 38.6 57.8
63 26.1 19.3 28.9



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: 135.57 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078000.D

Acq: 26 Mar 2015 17:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

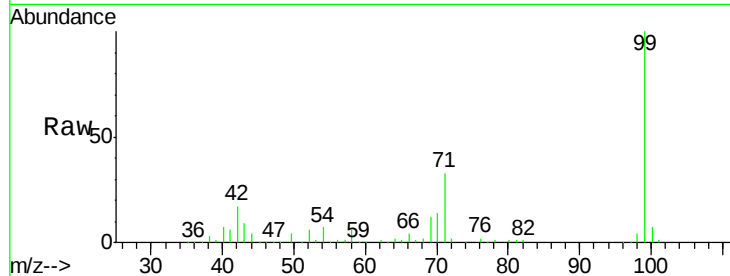
Tgt Ion: 99 Resp: 314467

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

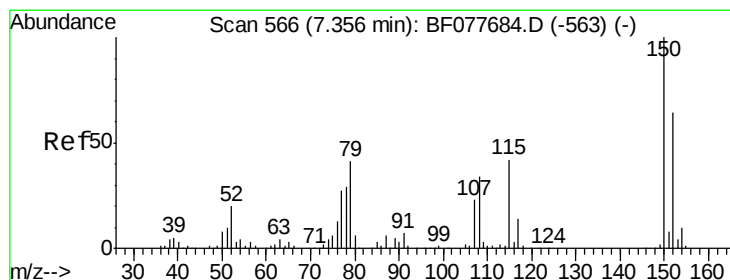
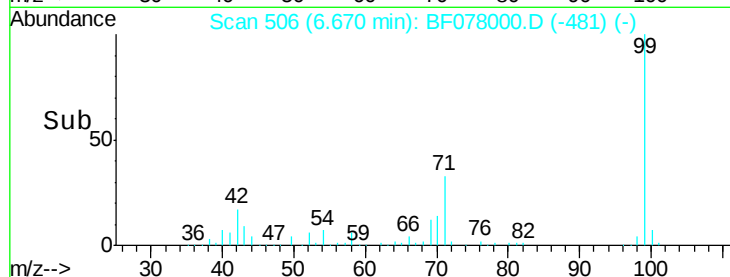
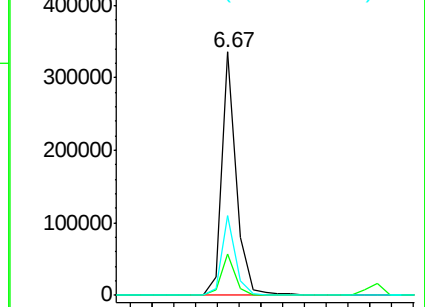
71 32.7 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF078000.D

Acq: 26 Mar 2015 17:33

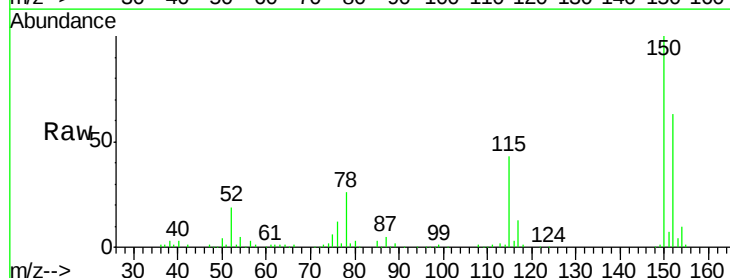
Tgt Ion: 79 Resp: 3851

Ion Ratio Lower Upper

79 100

108 33.6 65.0 97.4#

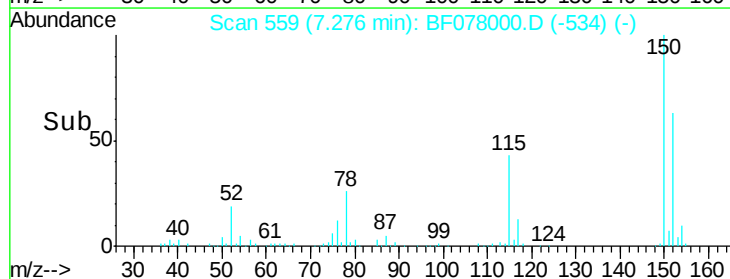
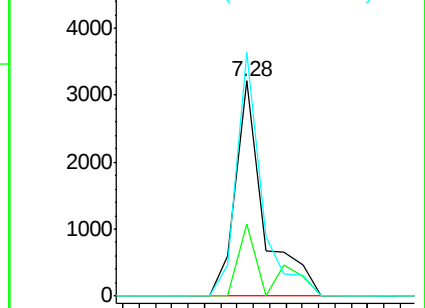
77 113.2 53.0 79.6#

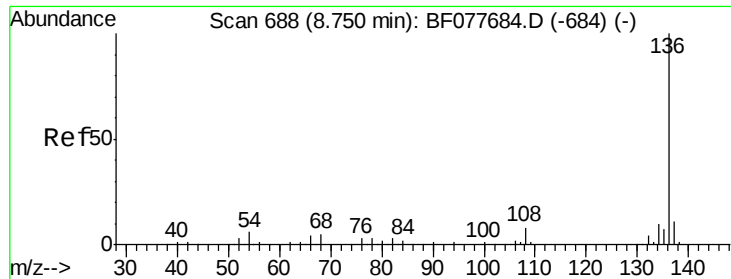


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

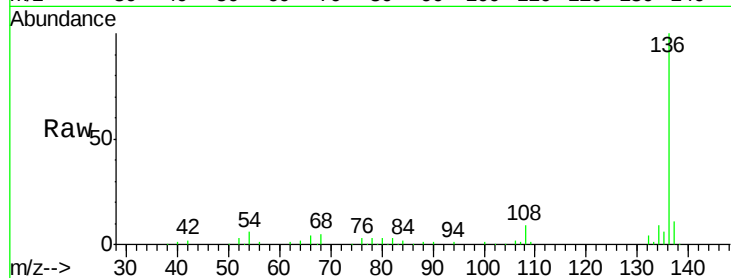




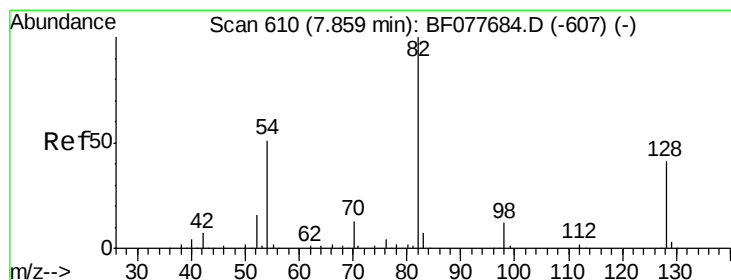
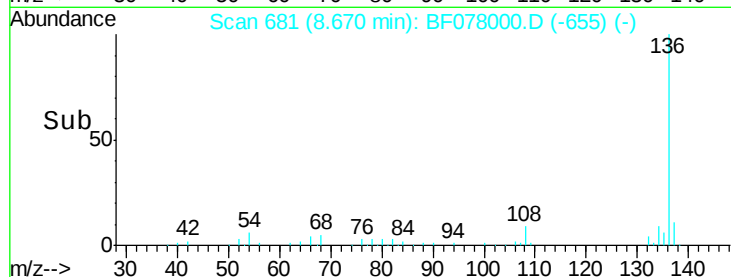
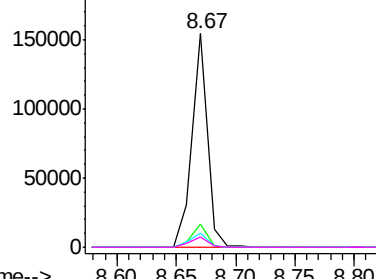
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	136	Resp:	137527
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.4	4.6	6.8
68	4.8	3.7	5.5

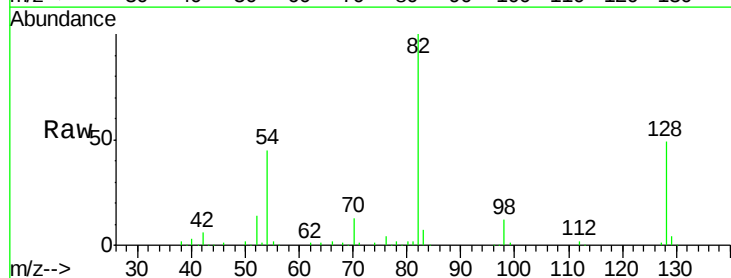


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

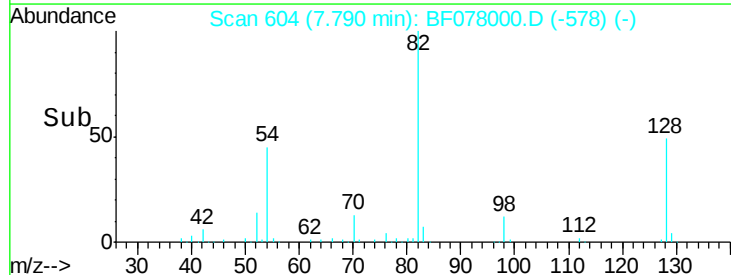
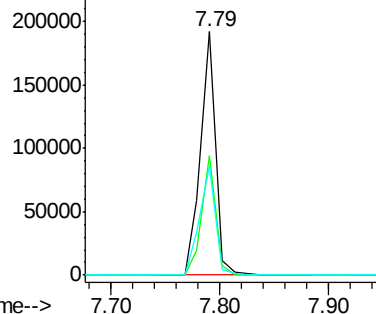


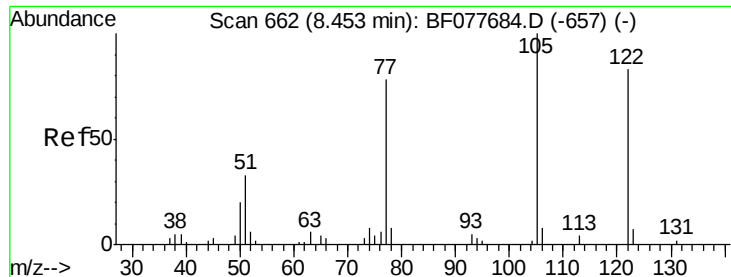
#23
Nitrobenzene-d5
Concen: 87.49 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Tgt Ion:	82	Resp:	183549
Ion	Ratio	Lower	Upper
82	100		
128	49.3	32.8	49.2#
54	45.1	40.6	60.8



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

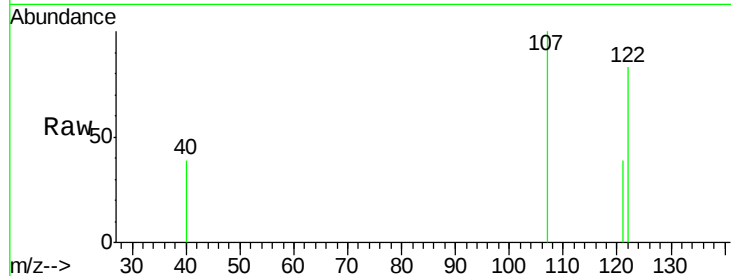




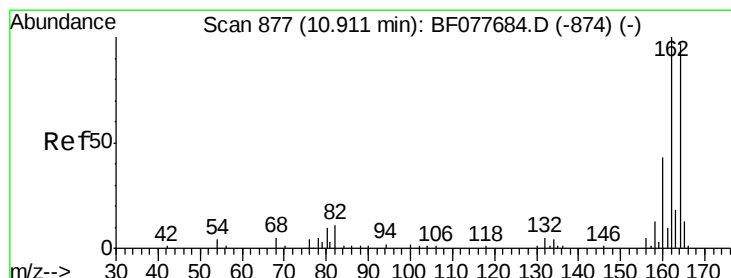
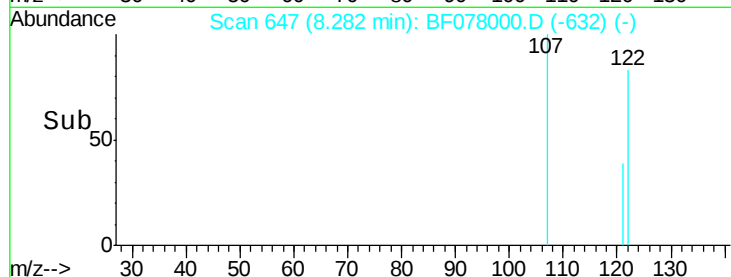
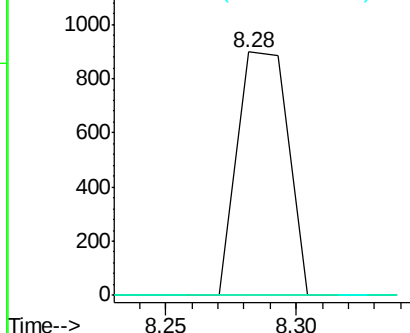
#32
Benzoic acid
Concen: 4.11 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.13 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:122 Resp: 1225
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 73.7 113.7#

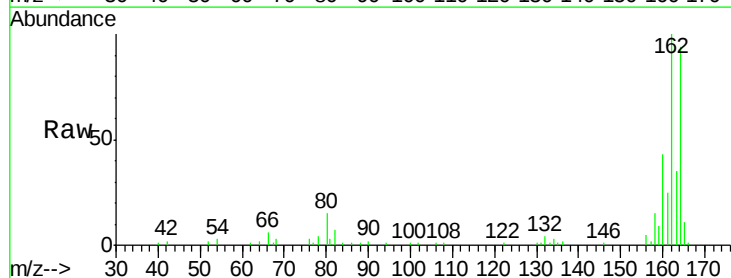


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

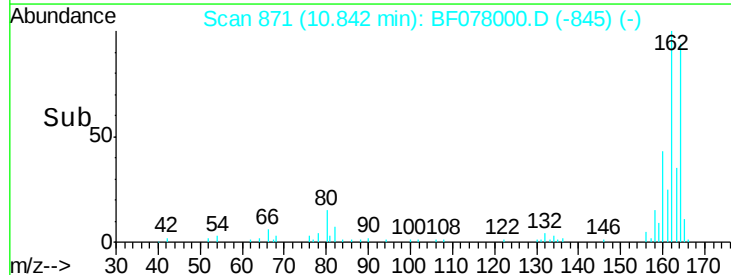
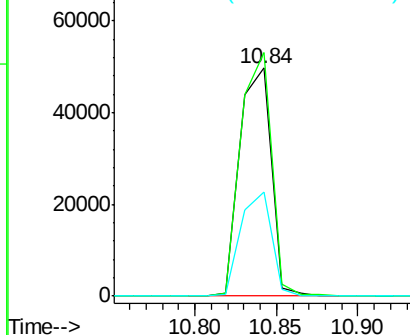


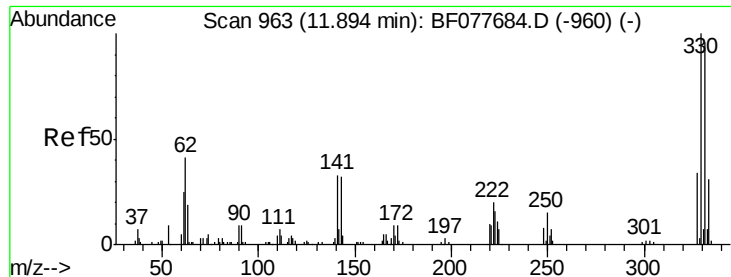
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Tgt Ion:164 Resp: 66173
Ion Ratio Lower Upper
164 100
162 106.8 82.4 123.6
160 45.6 35.8 53.6



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

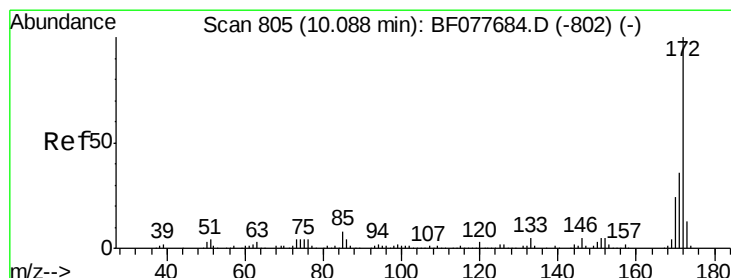
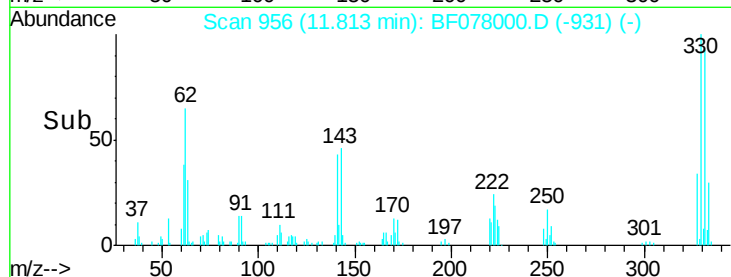
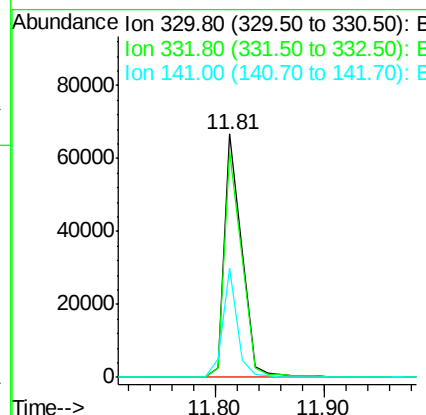
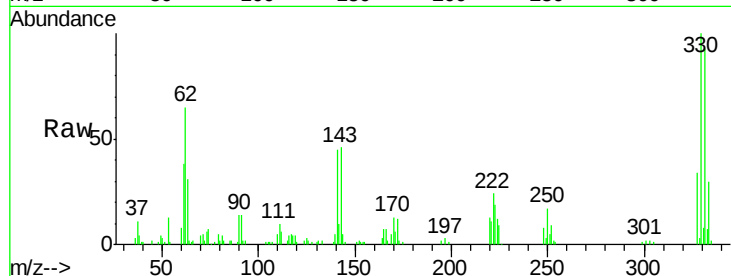




#41
 2,4,6-Tribromophenol
 Concen: 118.48 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078000.D
 Acq: 26 Mar 2015 17:33

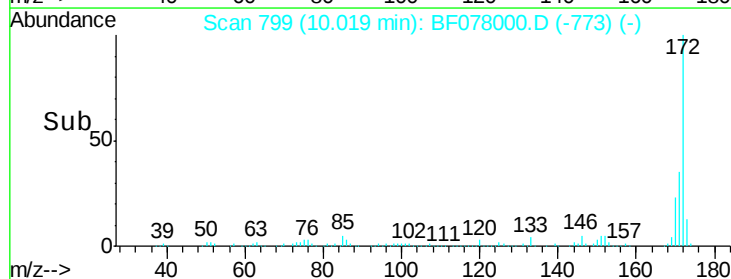
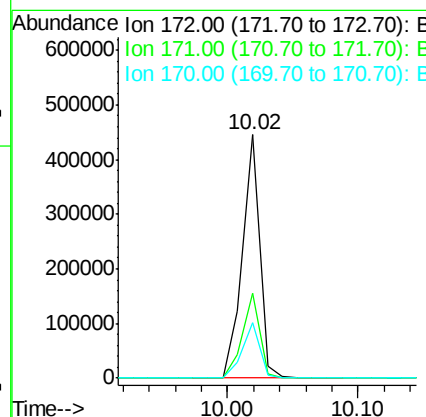
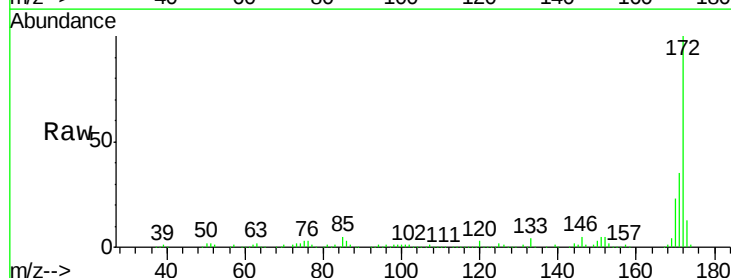
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

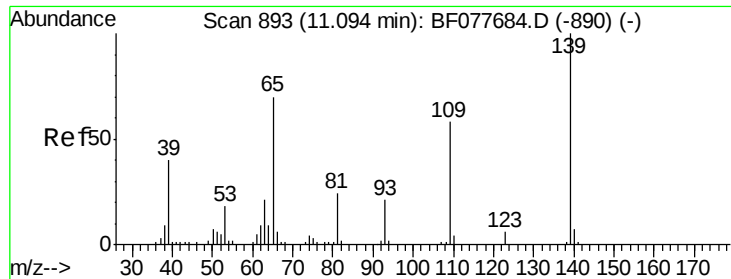
Tgt Ion:330 Resp: 75013
 Ion Ratio Lower Upper
 330 100
 332 93.3 0.0 0.0#
 141 37.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078000.D
 Acq: 26 Mar 2015 17:33

Tgt Ion:172 Resp: 409535
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.0 18.8 28.2

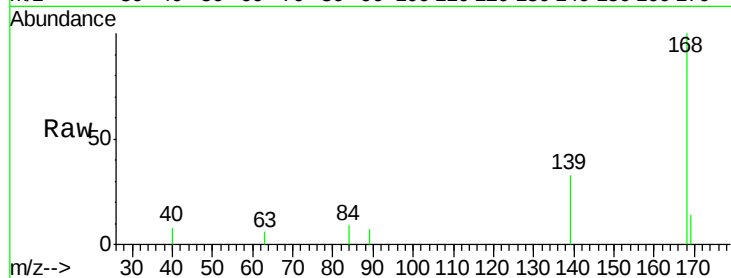




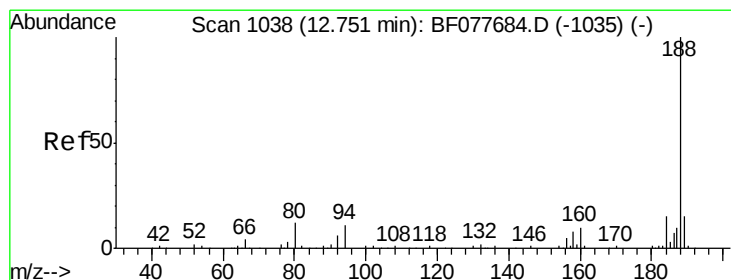
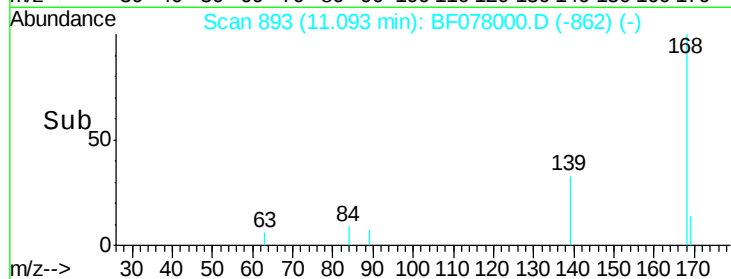
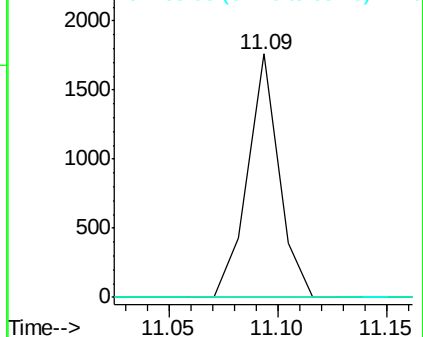
#55
4-Nitrophenol
Concen: 2.02 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.06 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:139 Resp: 1769
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#

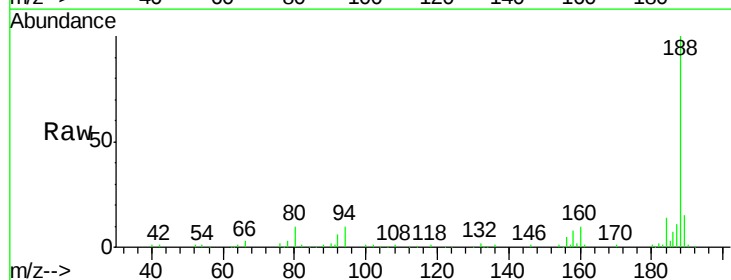


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

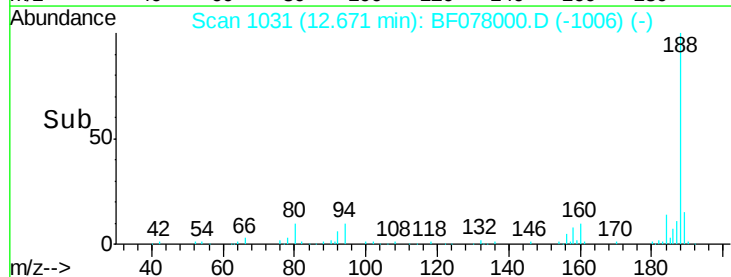
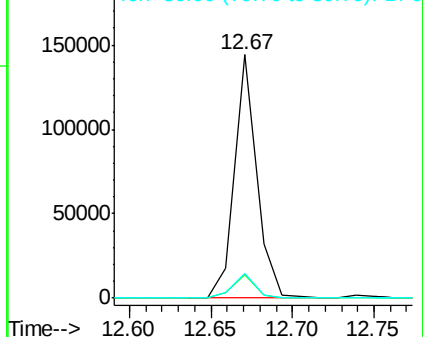


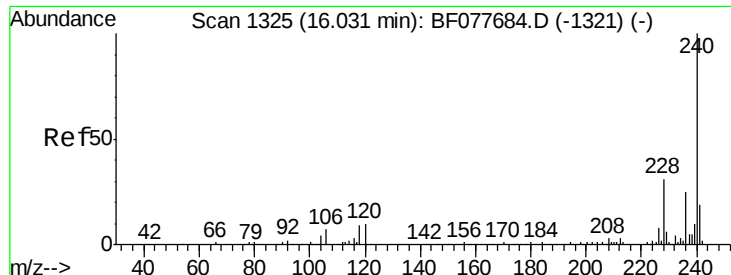
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078000.D
Acq: 26 Mar 2015 17:33

Tgt Ion:188 Resp: 135434
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.4 9.3 13.9



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

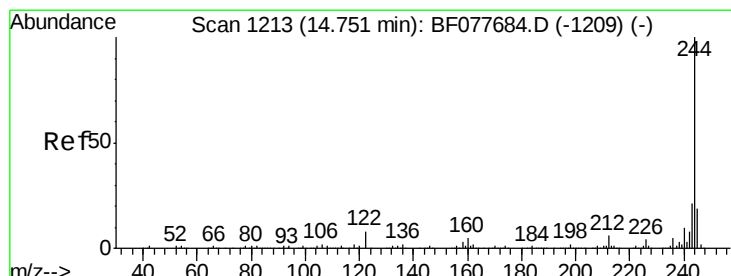
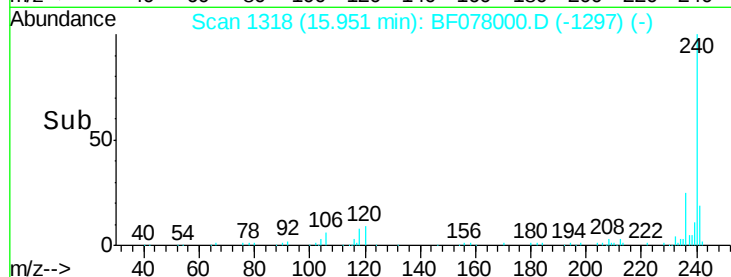
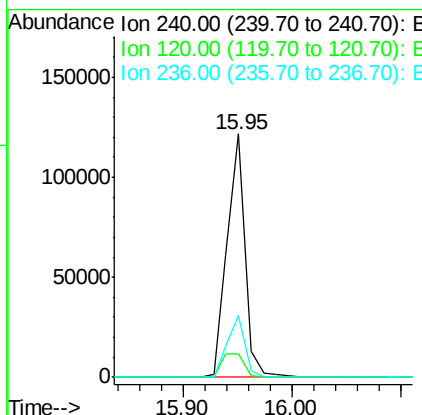
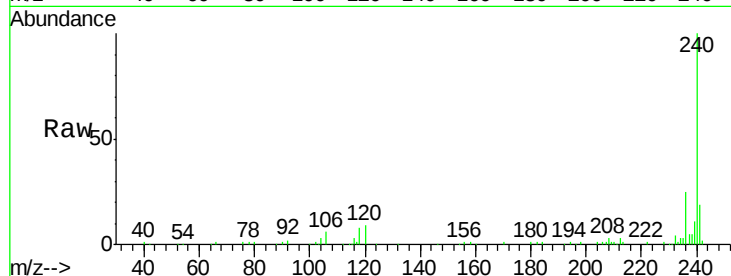




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.06 min
 Lab File: BF078000.D
 Acq: 26 Mar 2015 17:33

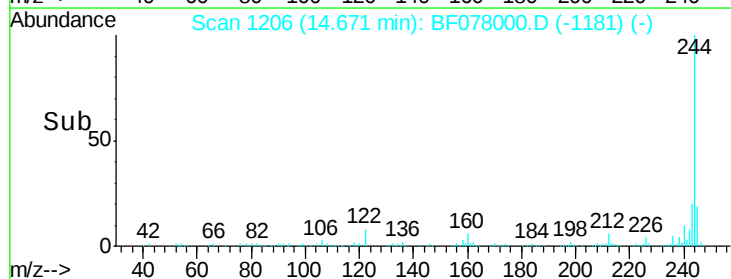
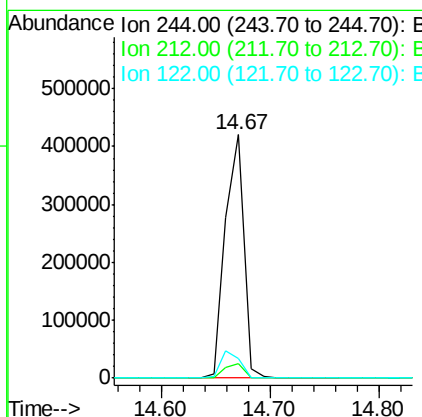
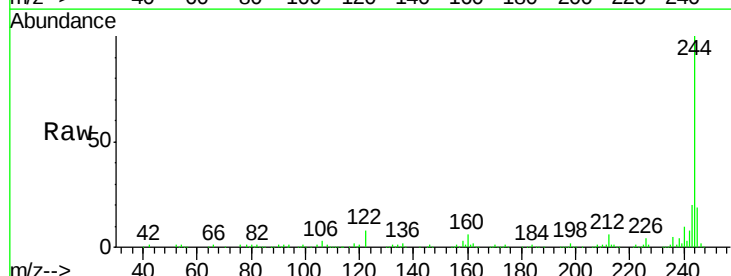
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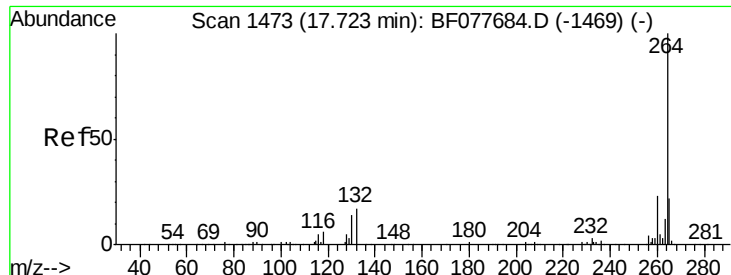
Tgt Ion: 240 Resp: 138231
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.2 12.2
 236 25.2 20.0 30.0



#78
 Terphenyl-d14
 Concen: 87.97 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078000.D
 Acq: 26 Mar 2015 17:33

Tgt Ion: 244 Resp: 497828
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 7.9 6.2 9.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.65 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF078000.D

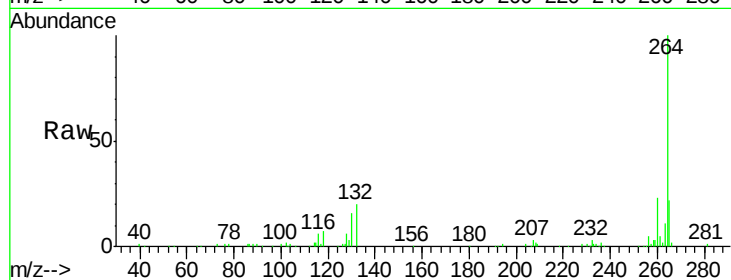
Acq: 26 Mar 2015 17:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01



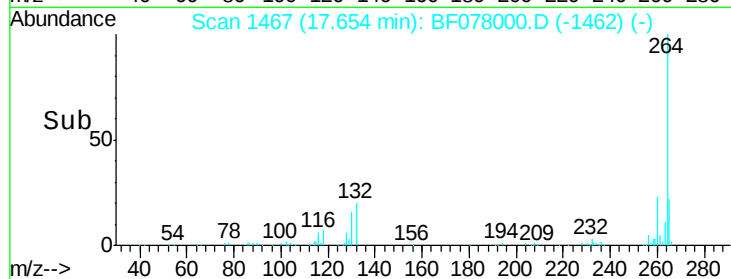
Tgt Ion: 264 Resp: 132419

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

