

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078001.D
 Acq On : 26 Mar 2015 18:01
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-2PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 12:47:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

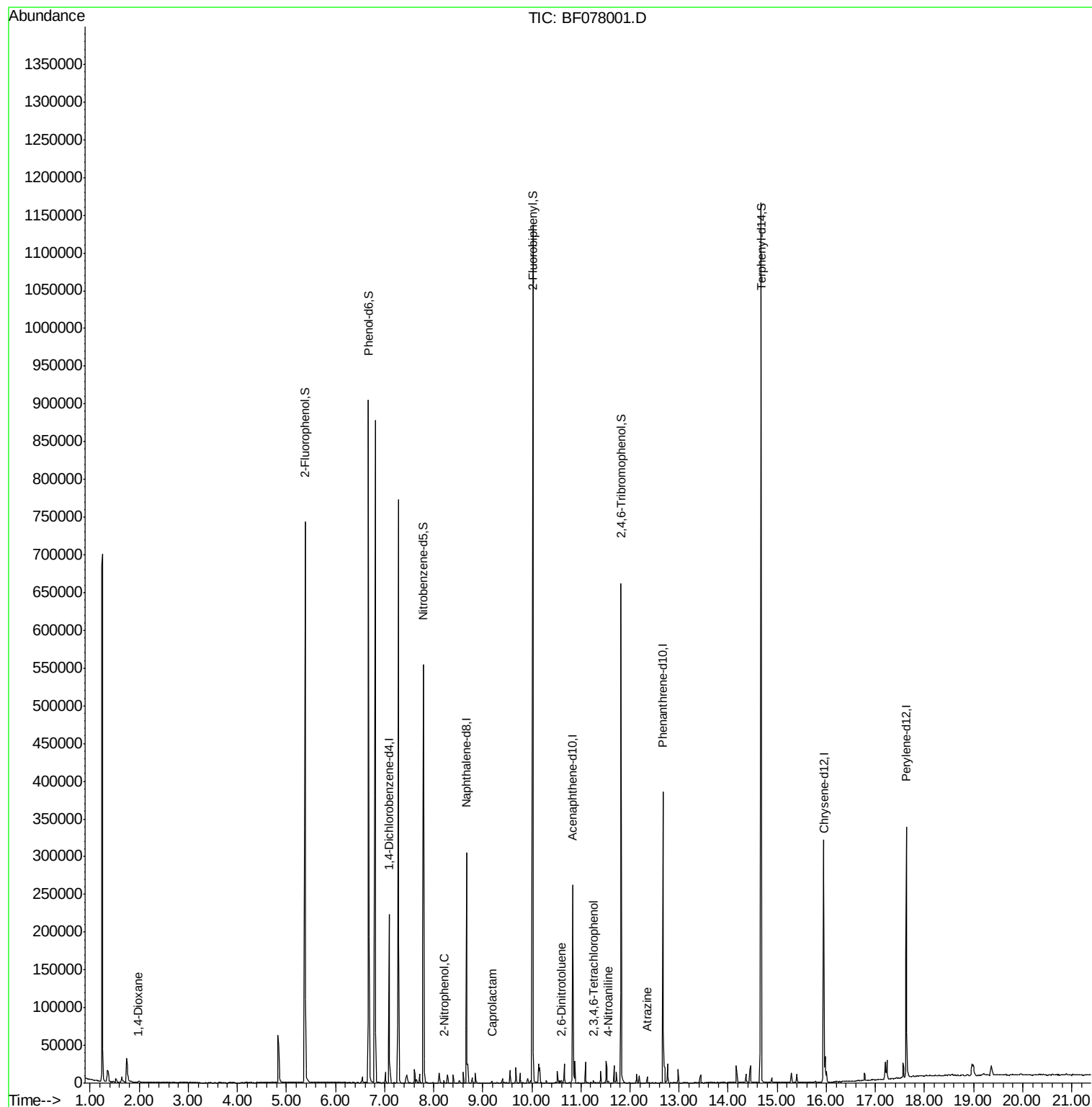
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35938	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	146108	20.00	ng	-0.07
38) Acenaphthene-d10	10.83	164	72724	20.00	ng	-0.08
63) Phenanthrene-d10	12.67	188	149477	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	163826	20.00	ng	-0.18
86) Perylene-d12	17.63	264	113975	20.00	ng	-0.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	261973	127.24	ng	-0.06
7) Phenol-d6	6.67	99	313357	123.19	ng	-0.06
23) Nitrobenzene-d5	7.79	82	186757	83.79	ng	-0.07
41) 2,4,6-Tribromophenol	11.81	330	78038	112.15	ng	-0.08
44) 2-Fluorobiphenyl	10.02	172	416616	84.19	ng	-0.07
78) Terphenyl-d14	14.67	244	526784	78.54	ng	-0.09
Target Compounds						
2) 1,4-Dioxane	1.98	88	1075	1.15	ng	# 100
26) 2-Nitrophenol	8.21	139	959	0.82	ng	# 71
35) Caprolactam	9.18	113	272	0.46	ng	91
50) 2,6-Dinitrotoluene	10.60	165	1099	0.98	ng	# 84
58) 2,3,4,6-Tetrachlorophenol	11.25	232	636m	0.51	ng	
61) 4-Nitroaniline	11.56	138	718	0.55	ng	74
68) Atrazine	12.35	200	1743	1.25	ng	89

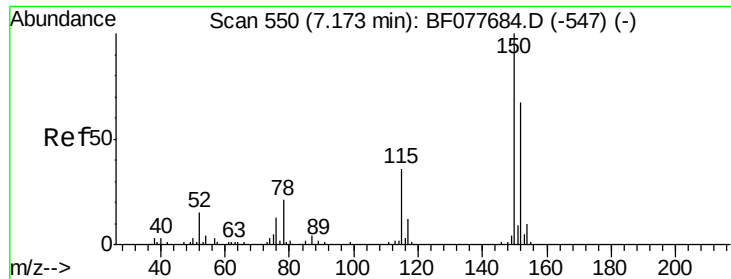
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078001.D

Acq: 26 Mar 2015 18:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

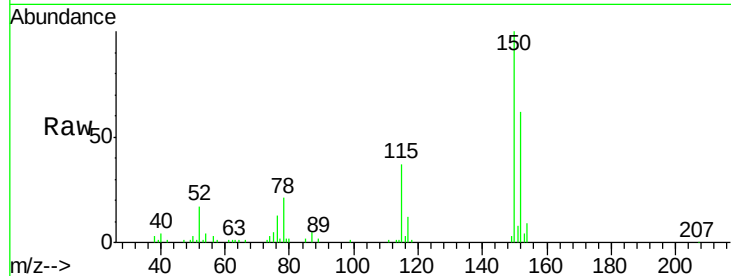
Tgt Ion:152 Resp: 35938

Ion Ratio Lower Upper

152 100

150 161.1 119.5 179.3

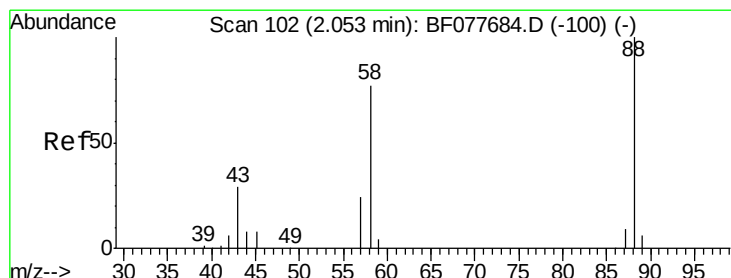
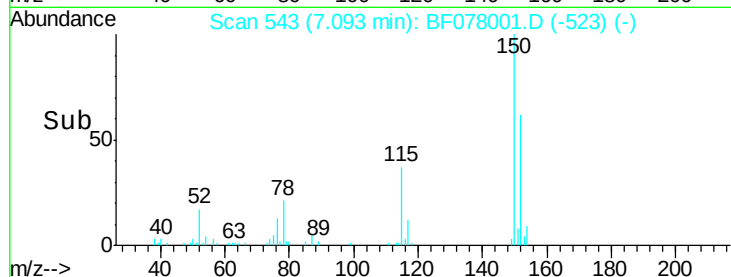
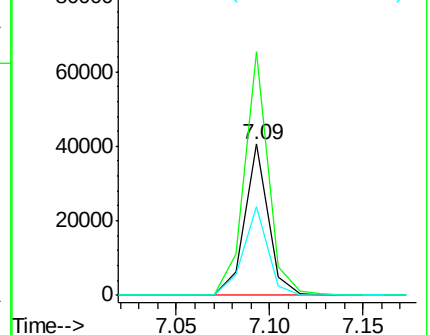
115 58.8 43.0 64.4



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



#2

1,4-Dioxane

Concen: 1.15 ng

RT: 1.98 min Scan# 96

Delta R.T. -0.06 min

Lab File: BF078001.D

Acq: 26 Mar 2015 18:01

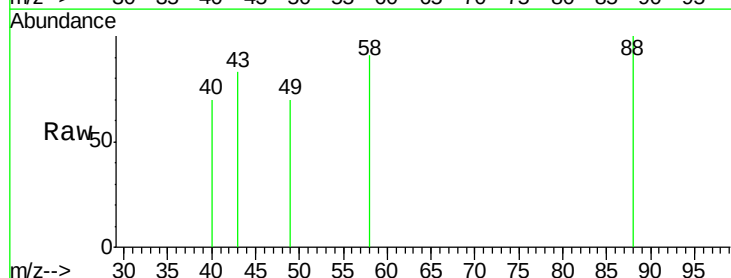
Tgt Ion: 88 Resp: 1075

Ion Ratio Lower Upper

88 100

58 71.5 0.0 0.0#

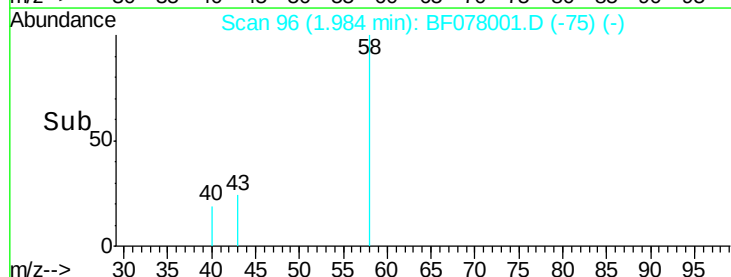
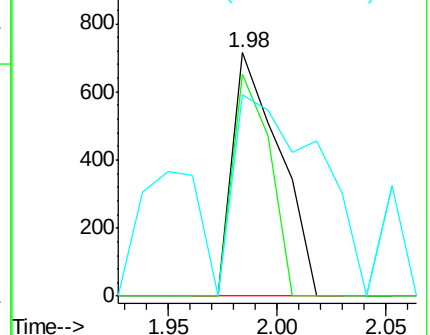
43 148.2 0.0 0.0#

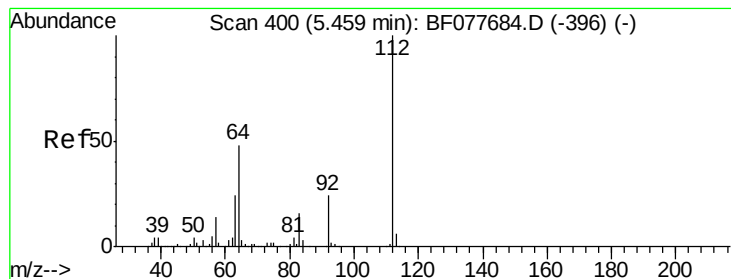


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

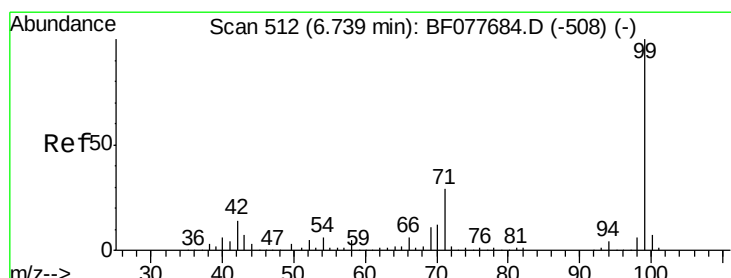
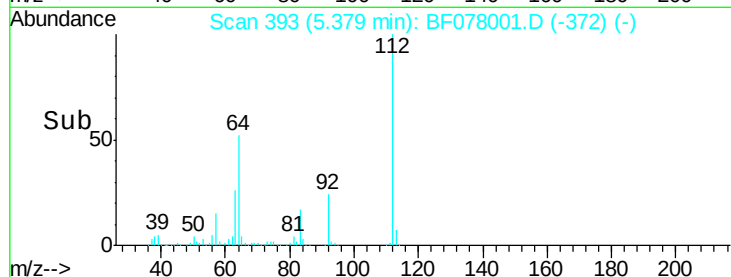
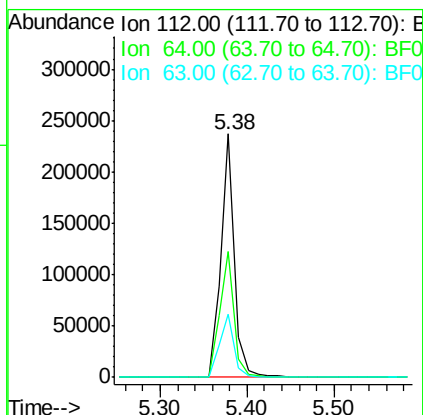
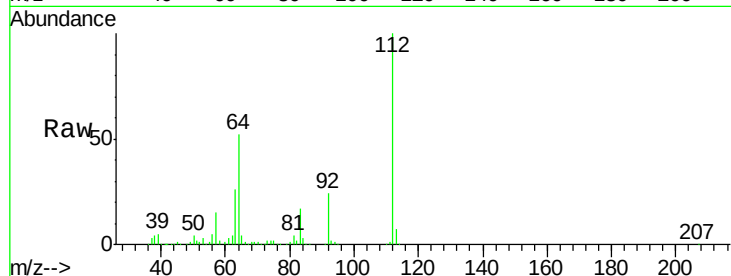




#5
 2-Fluorophenol
 Concen: 127.24 ng
 RT: 5.38 min Scan# 393
 Delta R.T. -0.06 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

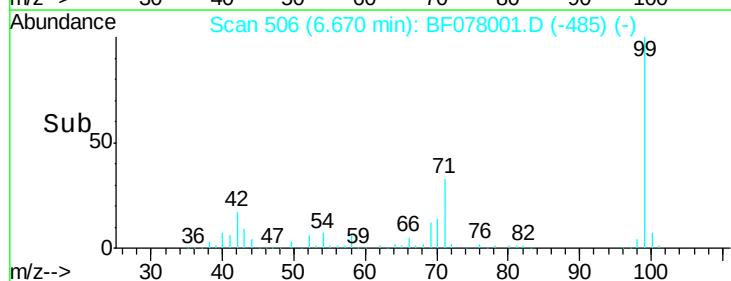
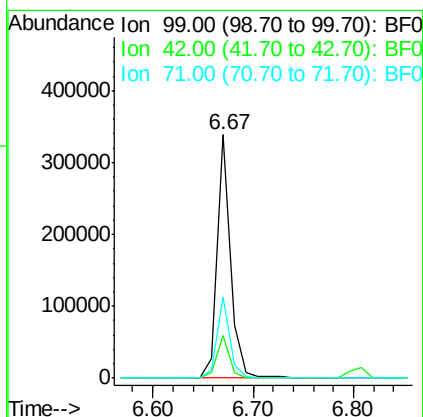
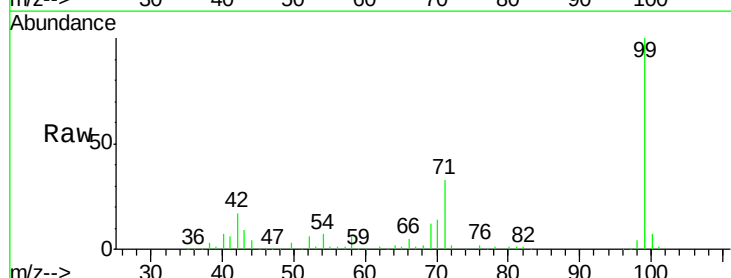
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

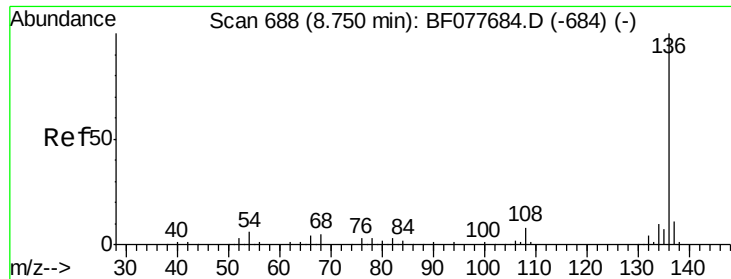
Tgt Ion: 112 Resp: 261973
 Ion Ratio Lower Upper
 112 100
 64 51.8 38.6 57.8
 63 26.1 19.3 28.9



#7
 Phenol-d6
 Concen: 123.19 ng
 RT: 6.67 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

Tgt Ion: 99 Resp: 313357
 Ion Ratio Lower Upper
 99 100
 42 17.4 11.0 16.4#
 71 33.3 23.4 35.2

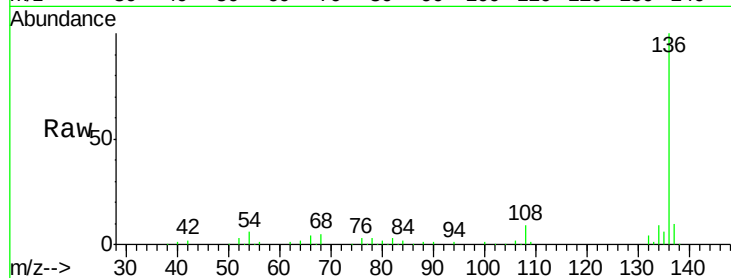




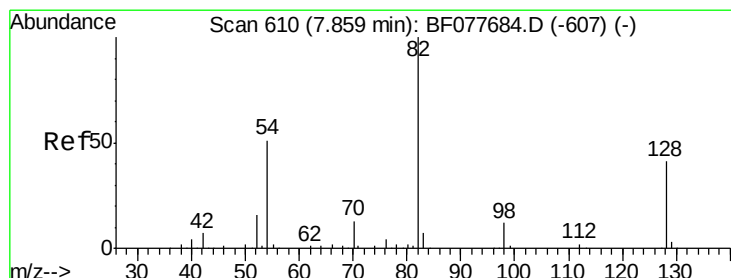
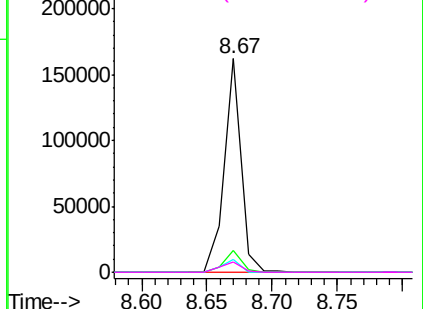
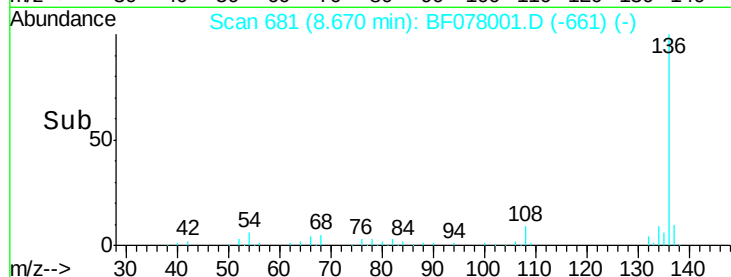
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	136	Resp:	146108
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.2	4.6	6.8
68	5.1	3.7	5.5

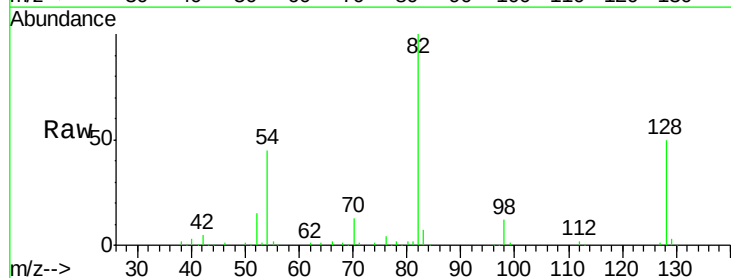


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

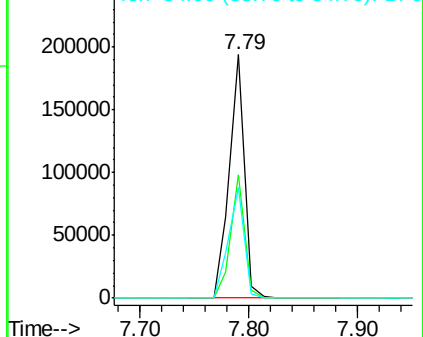
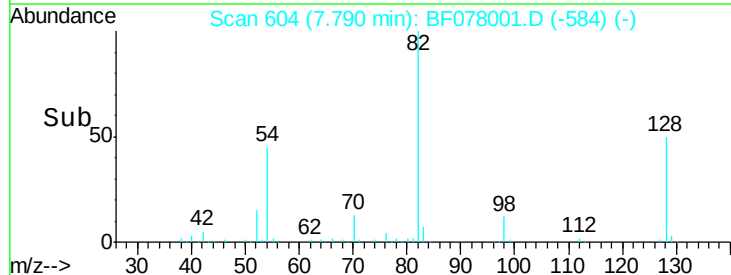


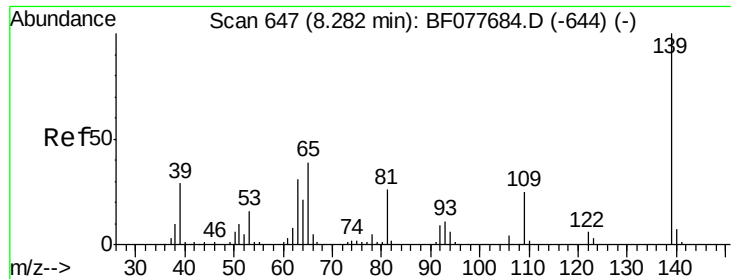
#23
Nitrobenzene-d5
Concen: 83.79 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Tgt Ion:	82	Resp:	186757
Ion	Ratio	Lower	Upper
82	100		
128	50.4	32.8	49.2#
54	45.4	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





#26

2-Nitrophenol

Concen: 0.82 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF078001.D

Acq: 26 Mar 2015 18:01

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

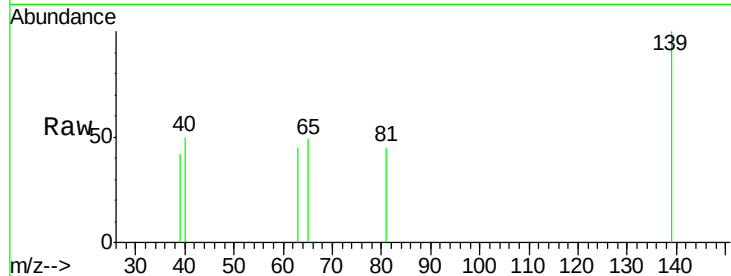
Tgt Ion:139 Resp: 959

Ion Ratio Lower Upper

139 100

109 0.0 20.1 30.1#

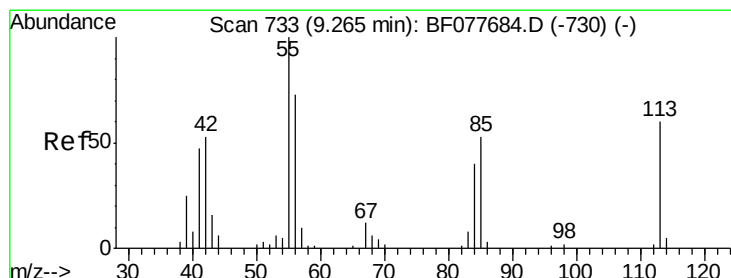
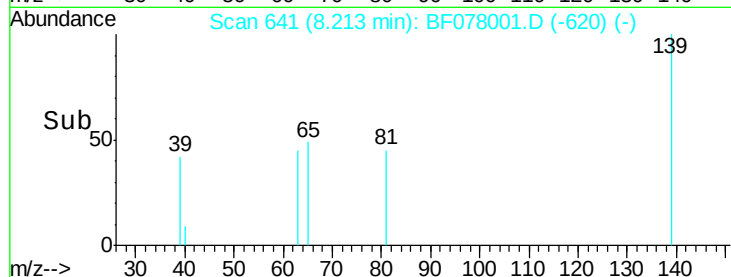
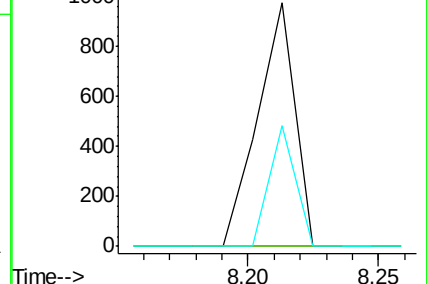
65 49.4 31.5 47.3#



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



#35

Caprolactam

Concen: 0.46 ng

RT: 9.18 min Scan# 726

Delta R.T. -0.09 min

Lab File: BF078001.D

Acq: 26 Mar 2015 18:01

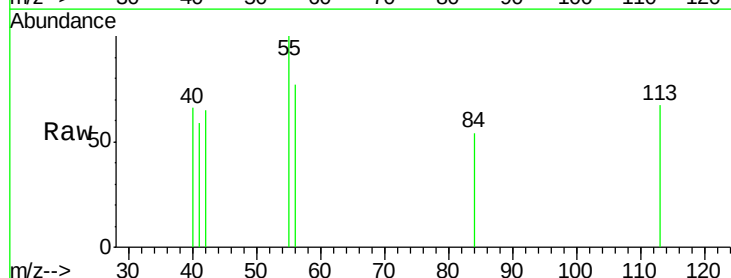
Tgt Ion:113 Resp: 272

Ion Ratio Lower Upper

113 100

55 149.5 145.9 185.9

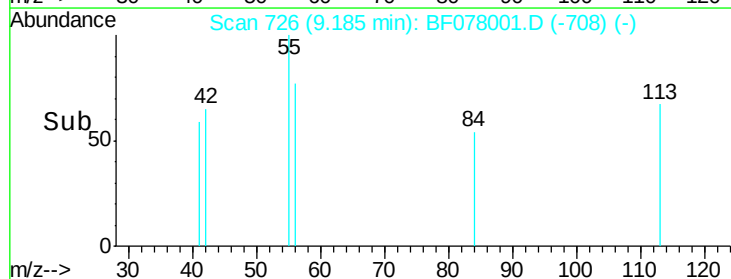
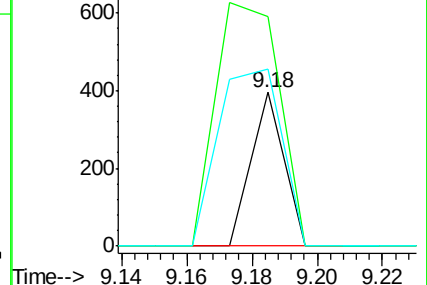
56 115.2 101.0 141.0

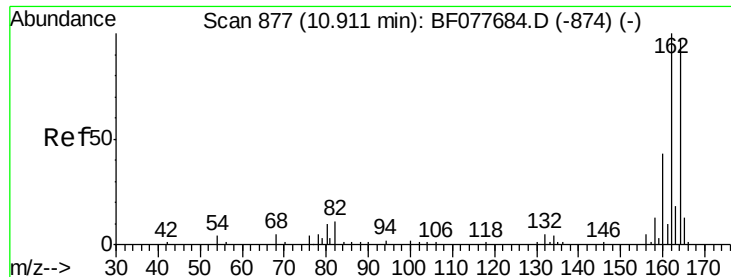


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

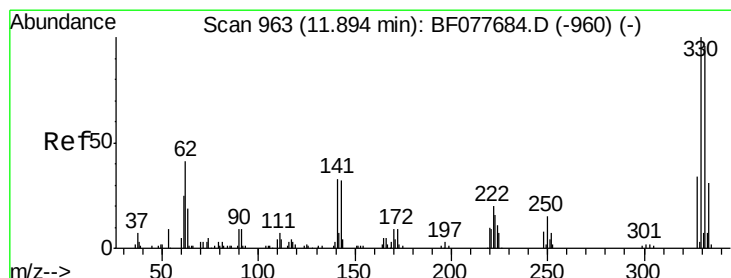
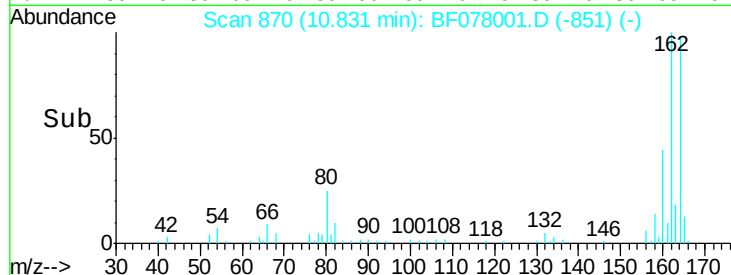
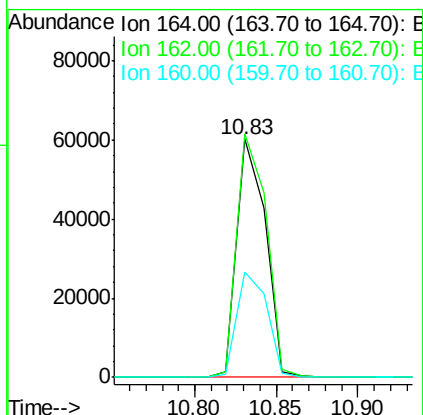
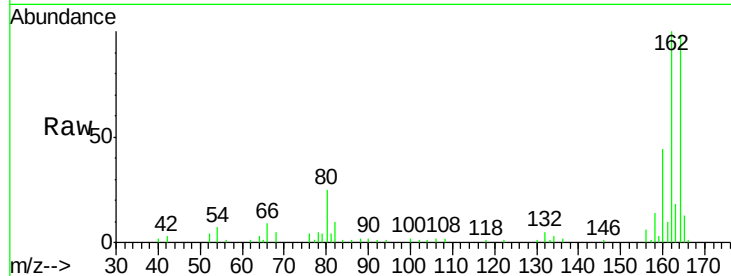




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.08 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

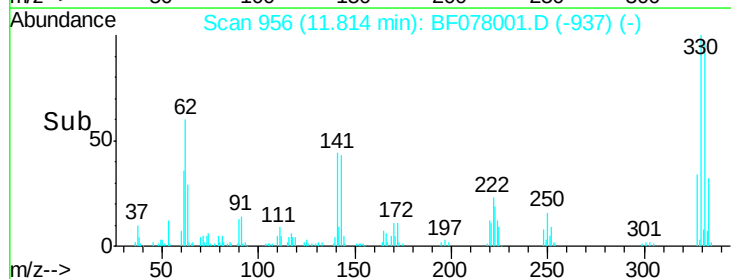
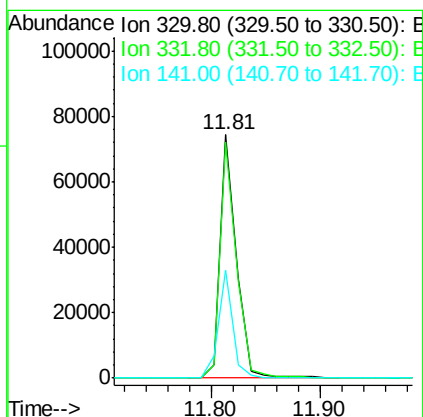
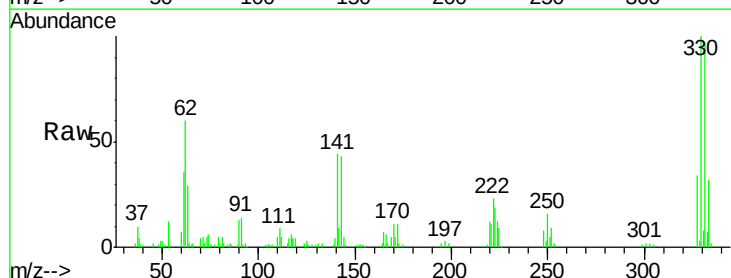
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

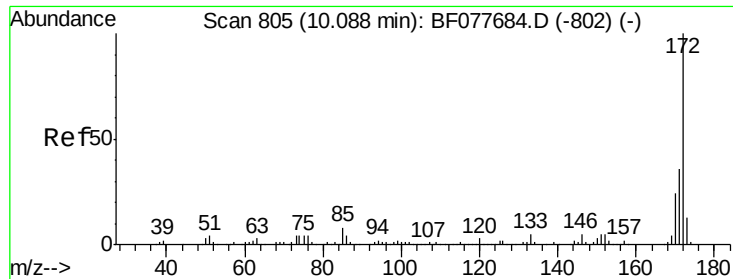
Tgt Ion:164 Resp: 72724
Ion Ratio Lower Upper
164 100
162 102.3 82.4 123.6
160 44.5 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 112.15 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.08 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Tgt Ion:330 Resp: 78038
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 39.5 0.0 0.0#

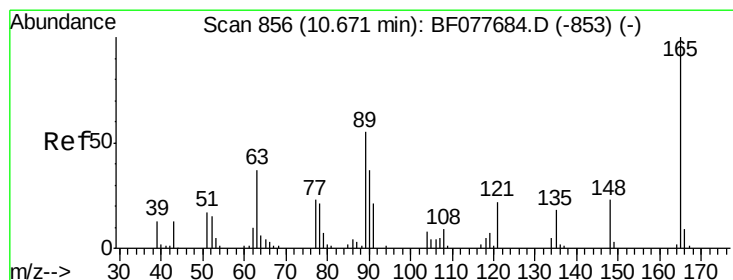
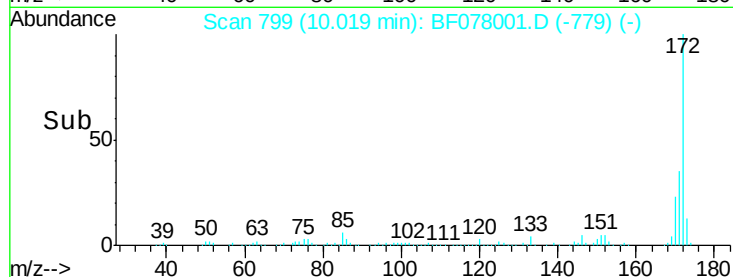
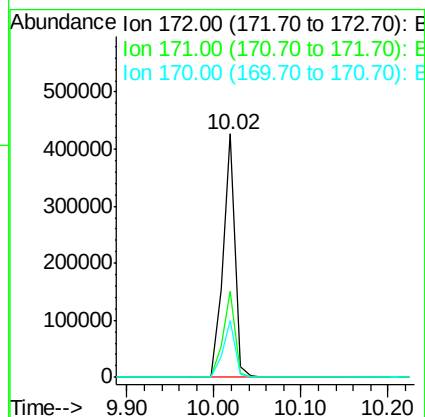
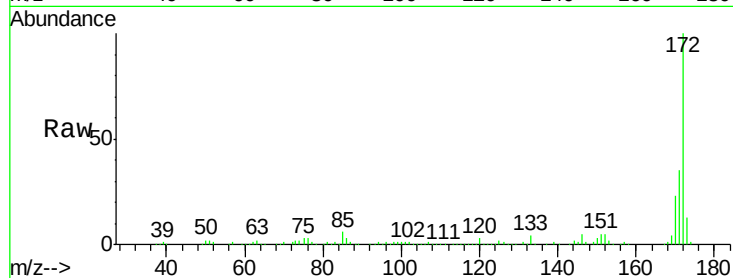




#44
 2-Fluorobiphenyl
 Concen: 84.19 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

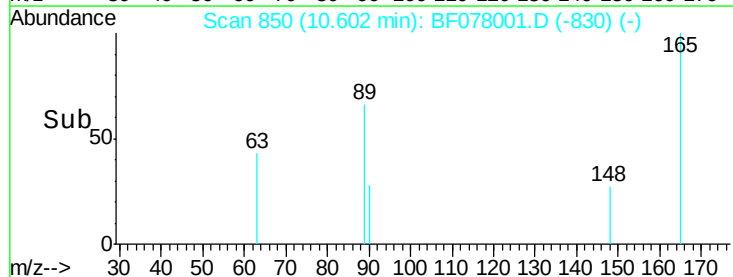
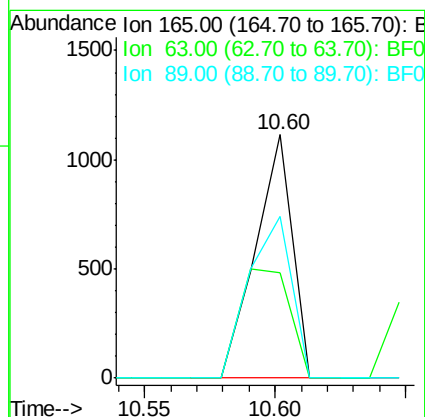
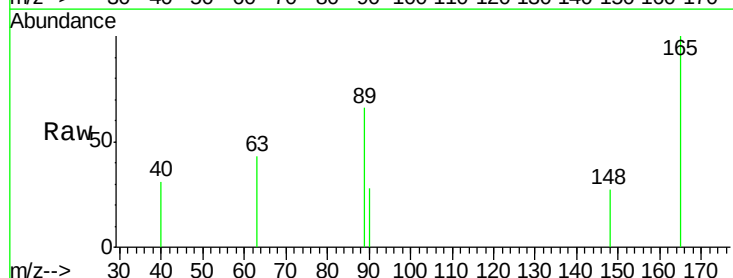
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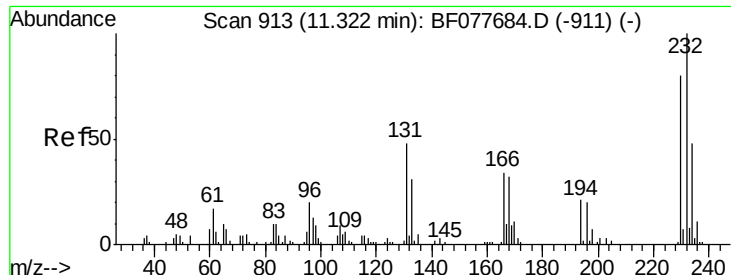
Tgt Ion:172 Resp: 416616
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.4 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 0.98 ng
 RT: 10.60 min Scan# 850
 Delta R.T. -0.07 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

Tgt Ion:165 Resp: 1099
 Ion Ratio Lower Upper
 165 100
 63 43.1 44.1 66.1#
 89 66.3 44.3 66.5



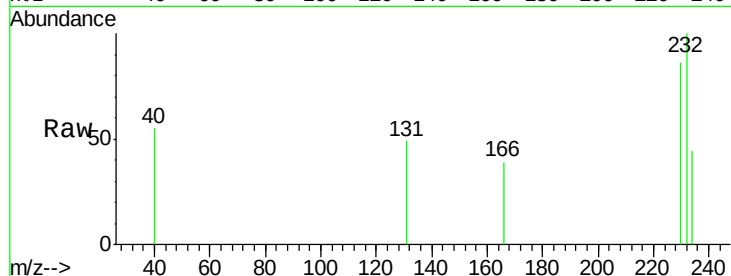


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.51 ng m
 RT: 11.25 min Scan# 907
 Delta R.T. -0.07 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion: 232 Resp: 636

Ion	Ratio	Lower	Upper
232	100		
131	0.0	0.0	0.0
130	0.0	0.0	0.0
166	0.0	0.0	0.0

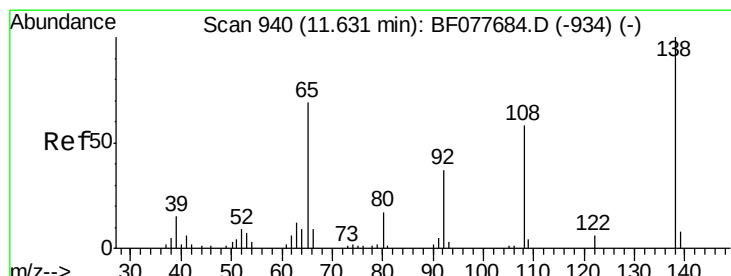
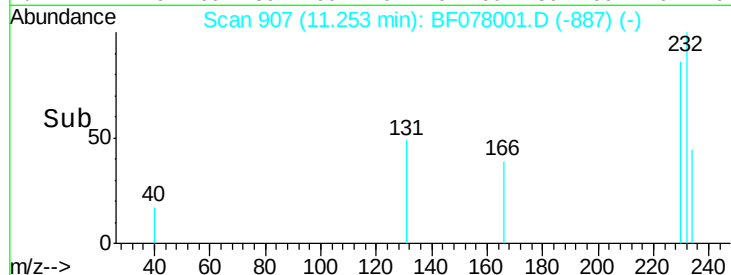
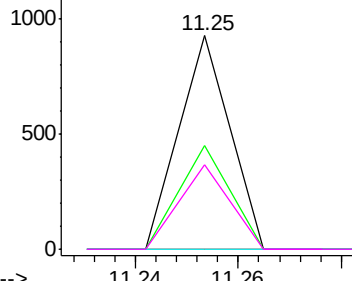


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

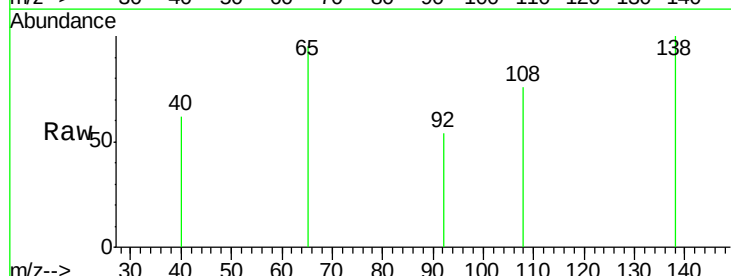
Ion 166.00 (165.70 to 166.70): E



#61
 4-Nitroaniline
 Concen: 0.55 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.06 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

Tgt Ion: 138 Resp: 718

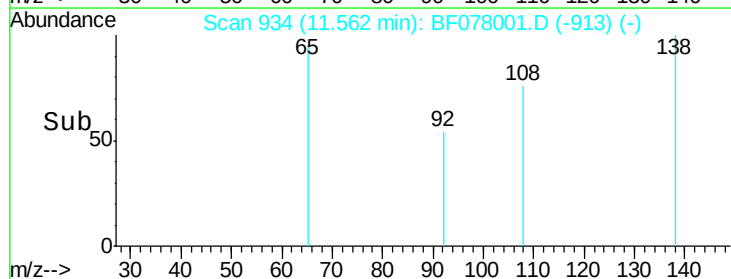
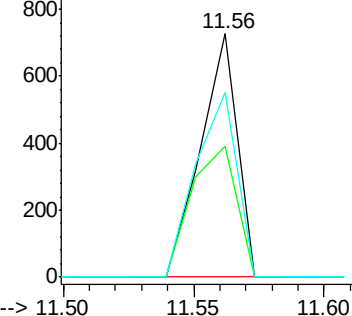
Ion	Ratio	Lower	Upper
138	100		
92	53.6	16.7	56.7
108	75.8	37.6	77.6

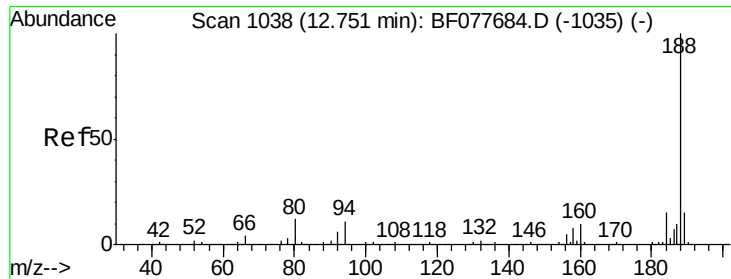


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

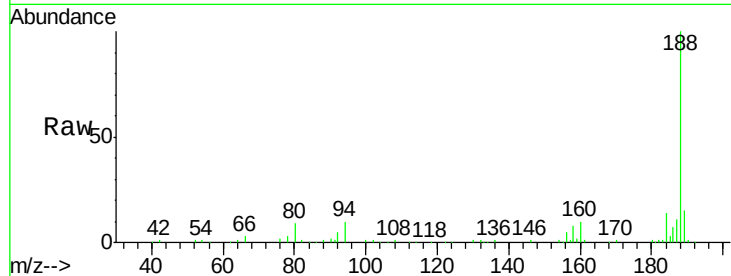




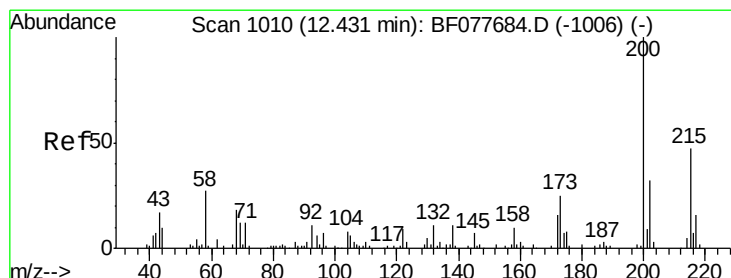
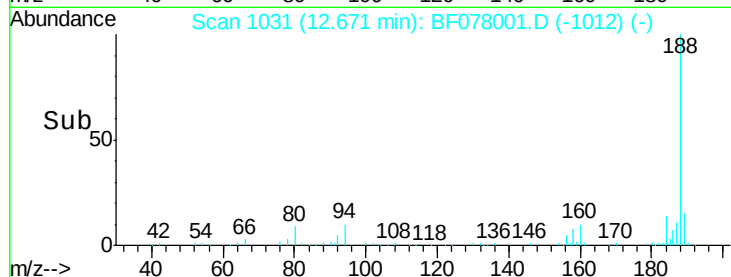
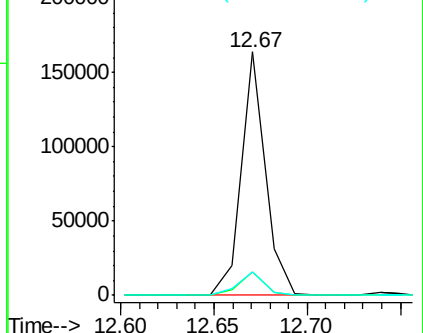
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:188 Resp: 149477
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 9.5 9.3 13.9

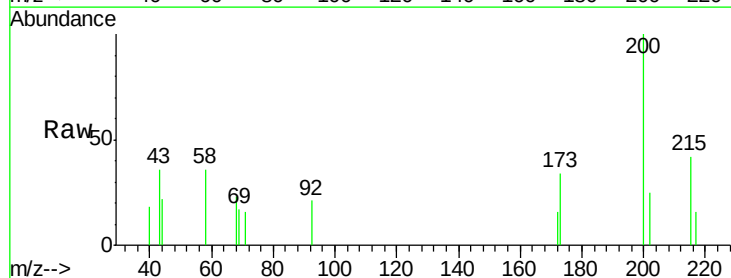


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

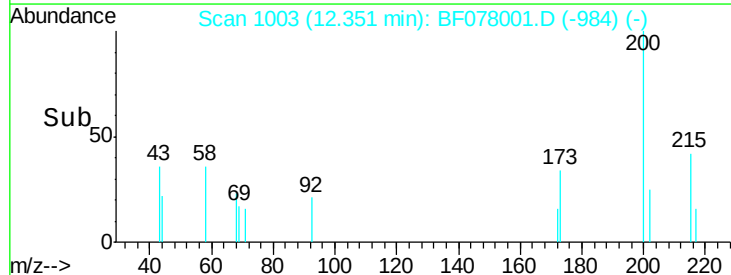
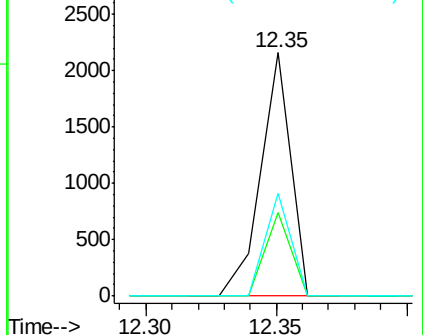


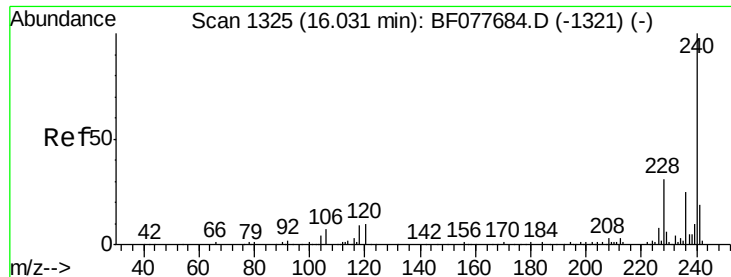
#68
Atrazine
Concen: 1.25 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.08 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Tgt Ion:200 Resp: 1743
Ion Ratio Lower Upper
200 100
173 34.1 4.8 44.8
215 42.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

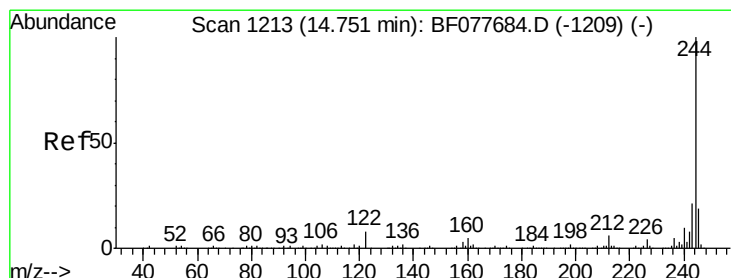
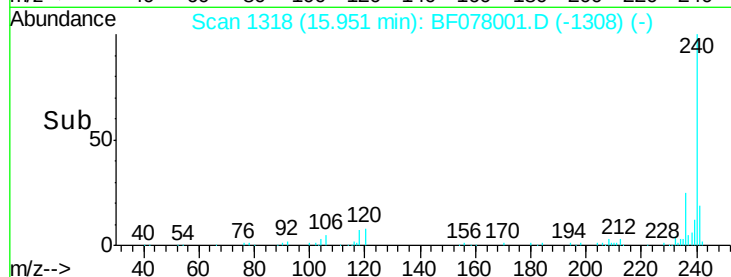
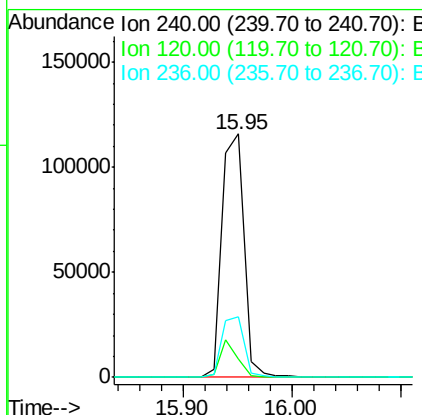
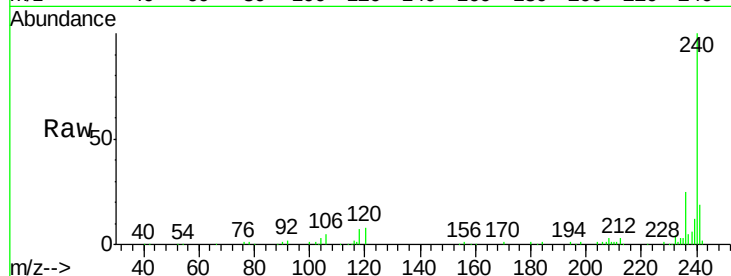




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

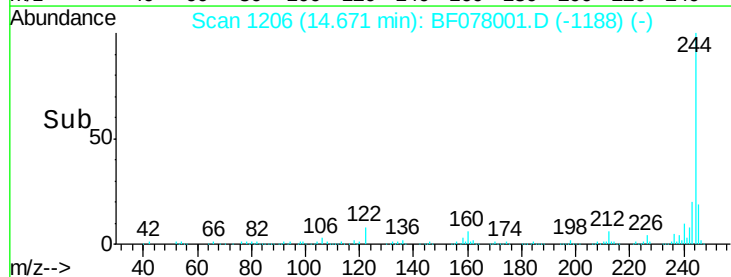
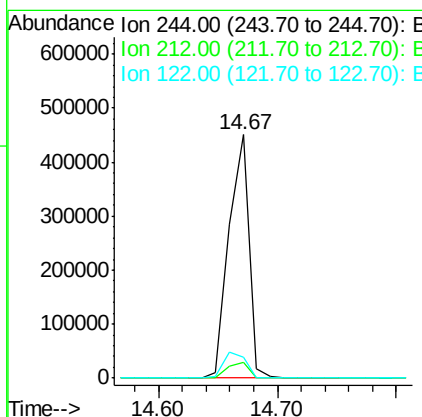
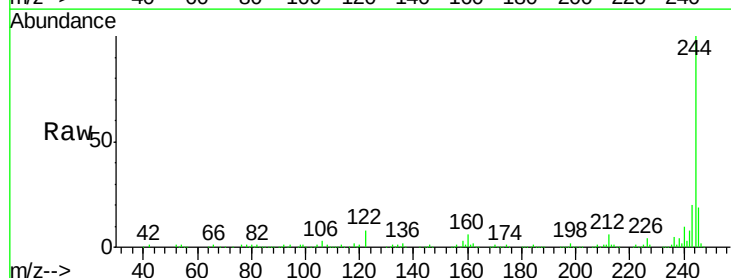
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

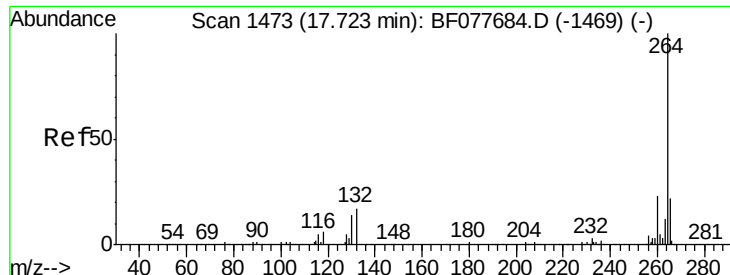
Tgt Ion: 240 Resp: 163826
 Ion Ratio Lower Upper
 240 100
 120 7.6 8.2 12.2#
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 78.54 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078001.D
 Acq: 26 Mar 2015 18:01

Tgt Ion: 244 Resp: 526784
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 8.4 6.2 9.4

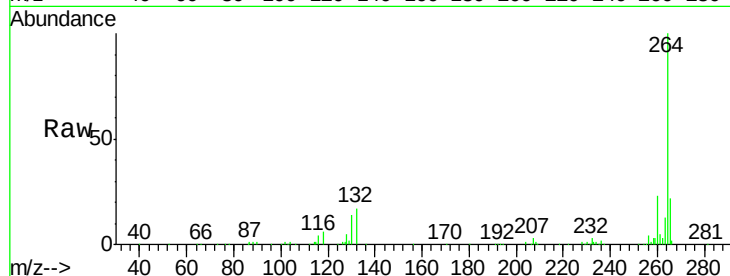




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.47 min
Lab File: BF078001.D
Acq: 26 Mar 2015 18:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.8	17.3	25.9



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

