

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078002.D
 Acq On : 26 Mar 2015 18:30
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 12:51:09 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

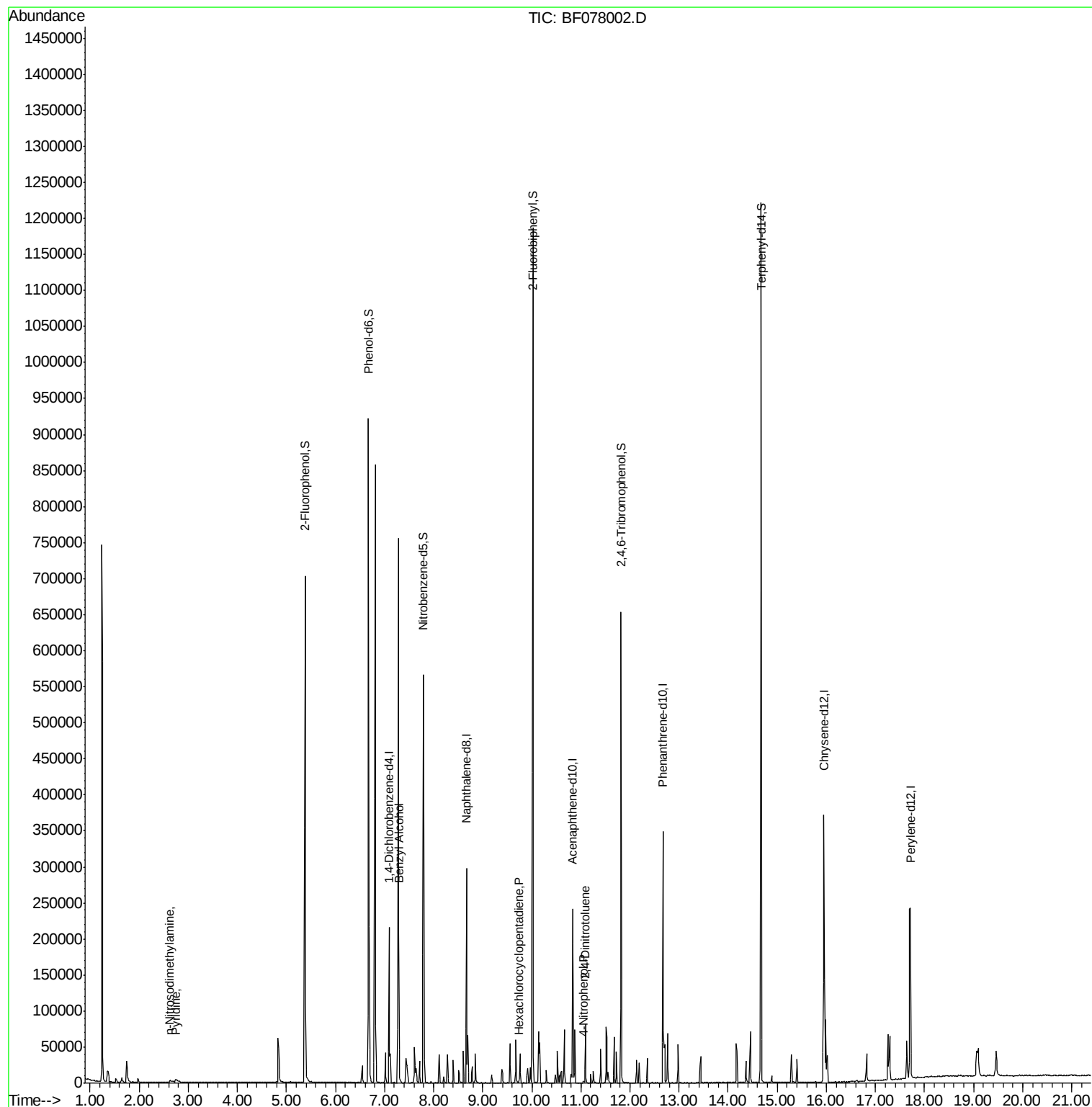
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	34771	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	142028	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	69027	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	138754	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	149477	20.00	ng	-0.06
86) Perylene-d12	17.71	264	142515	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	255222	128.12	ng	0.00
7) Phenol-d6	6.67	99	314976	127.98	ng	-0.01
23) Nitrobenzene-d5	7.79	82	187069	86.34	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	75216	113.89	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	409019	87.08	ng	0.00
78) Terphenyl-d14	14.67	244	495071	80.90	ng	-0.01
Target Compounds						Qvalue
3) Pyridine	2.75	79	7191m	2.96	ng	
4) n-Nitrosodimethylamine	2.62	42	2767	2.62	ng	# 75
15) Benzyl Alcohol	7.29	79	9061m	4.72	ng	
40) Hexachlorocyclopentadiene	9.74	237	912	4.02	ng	92
55) 4-Nitrophenol	11.06	139	1181m	1.29	ng	
56) 2,4-Dinitrotoluene	11.09	165	4636m	3.35	ng	

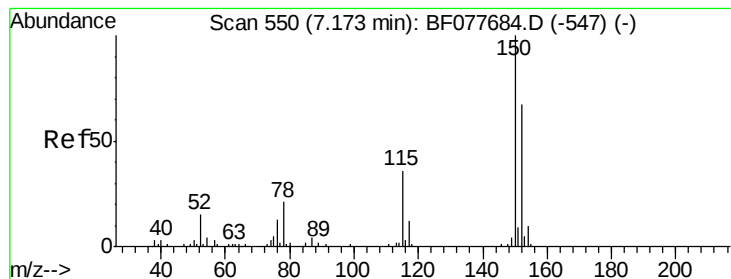
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

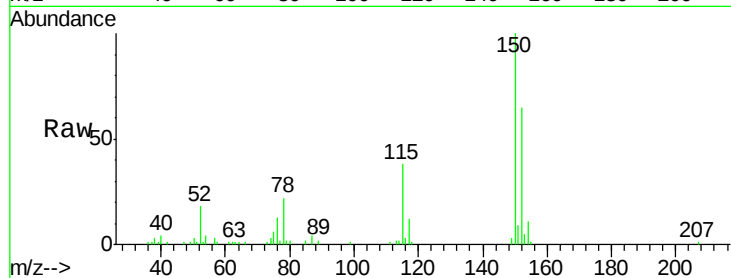
Tgt Ion:152 Resp: 34771

Ion Ratio Lower Upper

152 100

150 153.0 119.5 179.3

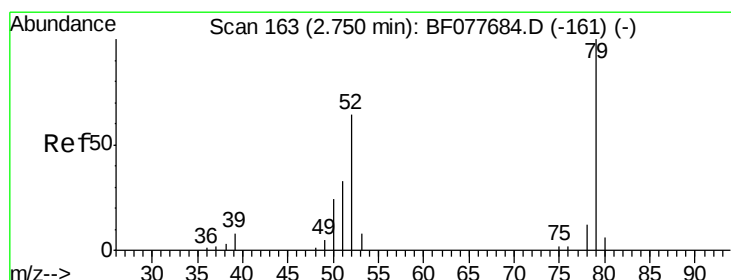
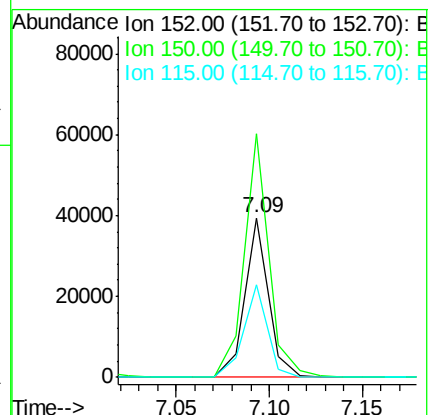
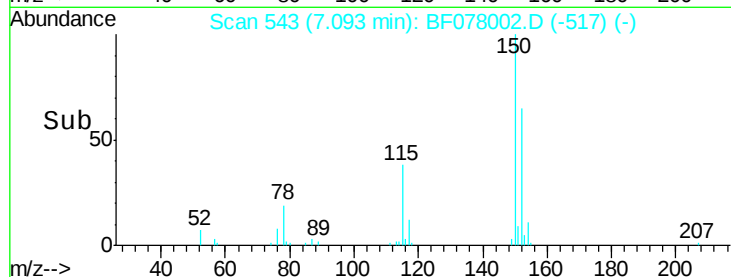
115 58.0 43.0 64.4



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



#3

Pyridine

Concen: 2.96 ng m

RT: 2.75 min Scan# 163

Delta R.T. 0.15 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

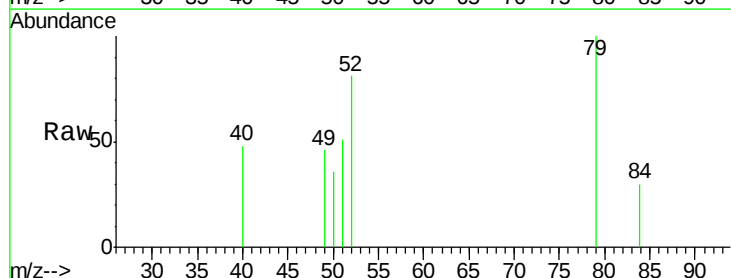
Tgt Ion: 79 Resp: 7191

Ion Ratio Lower Upper

79 100

52 81.5 51.1 76.7#

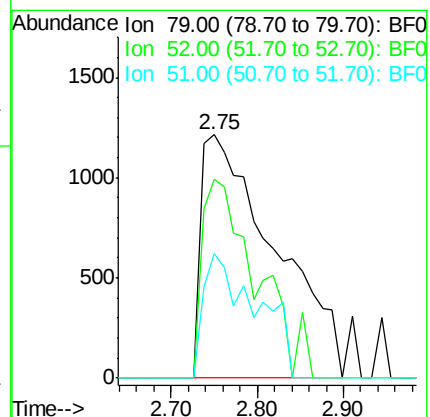
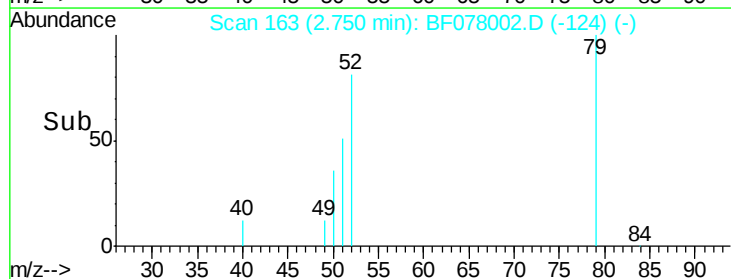
51 51.0 26.1 39.1#

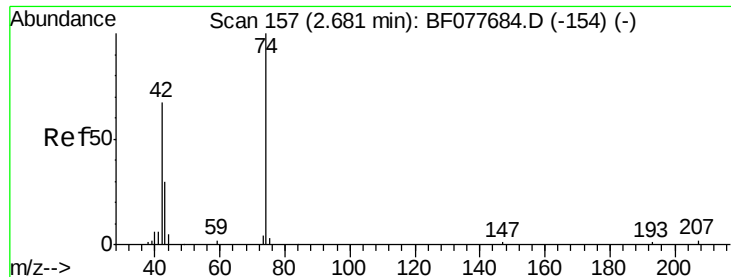


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 2.62 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.08 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

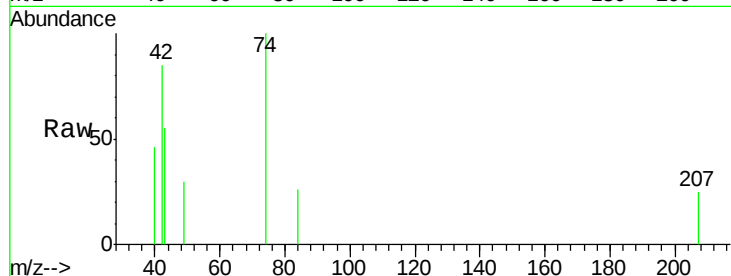
Tgt Ion: 42 Resp: 2767

Ion Ratio Lower Upper

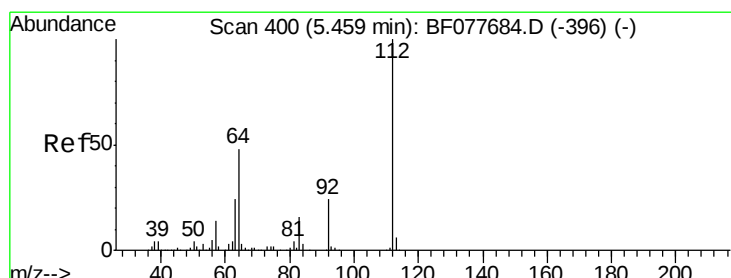
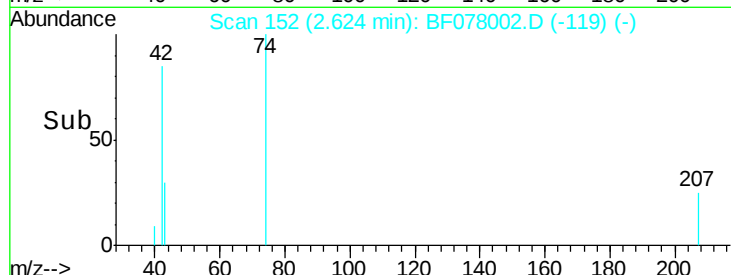
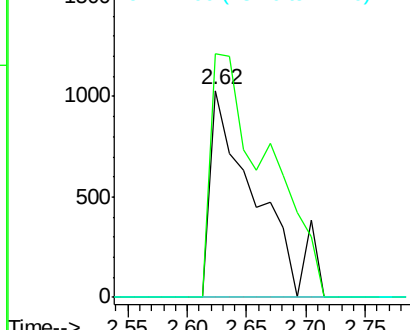
42 100

74 117.6 119.3 178.9#

44 0.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 128.12 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

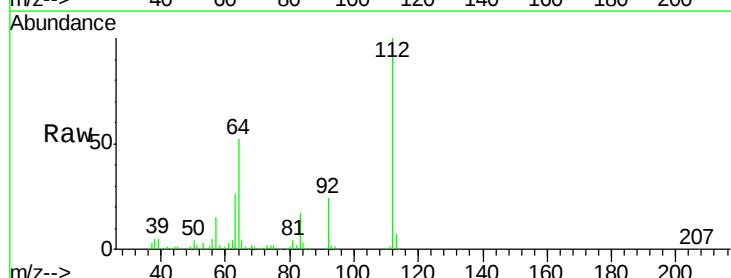
Tgt Ion: 112 Resp: 255222

Ion Ratio Lower Upper

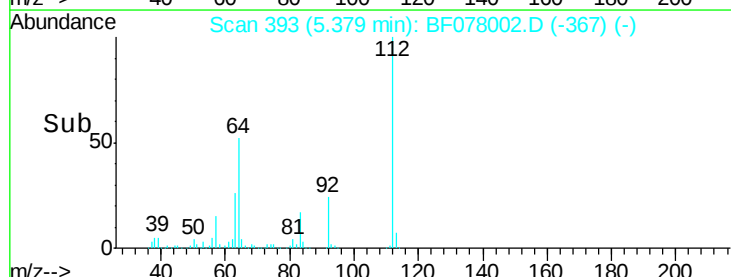
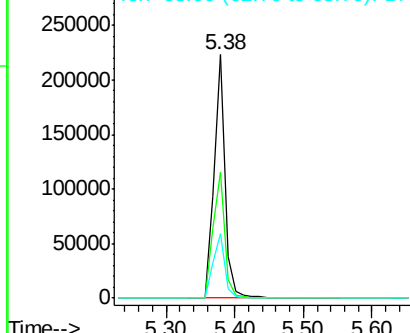
112 100

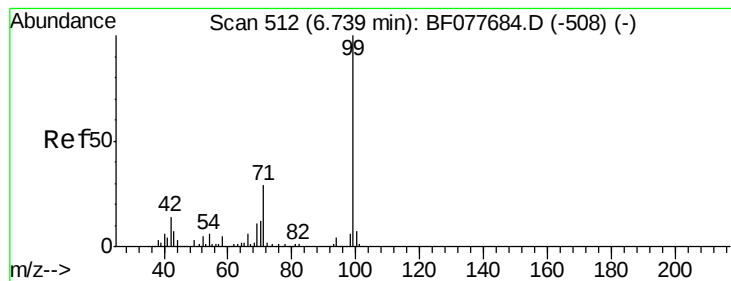
64 51.9 38.6 57.8

63 26.3 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: 127.98 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

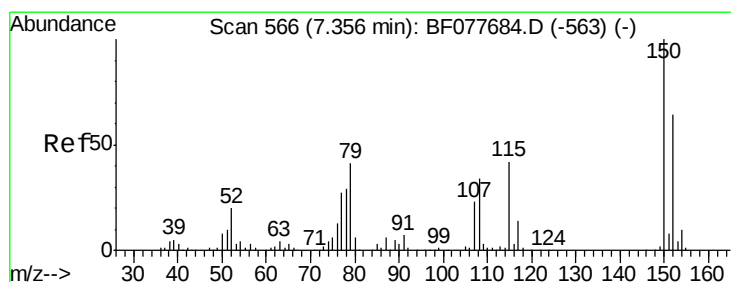
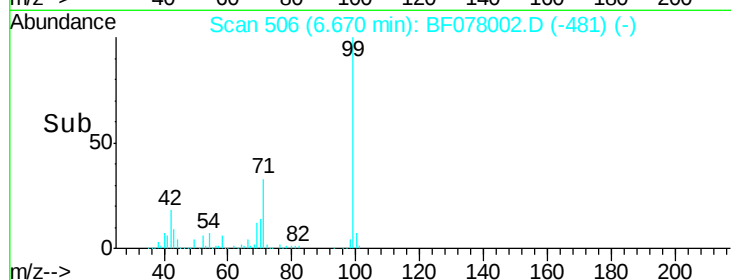
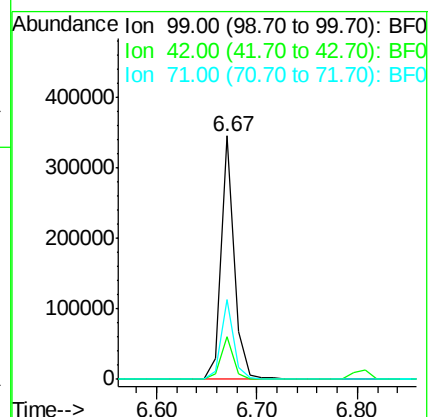
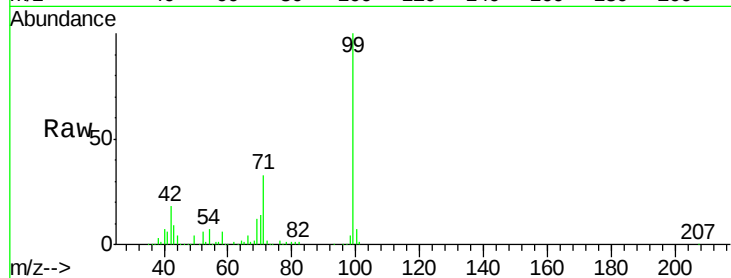
Tgt Ion: 99 Resp: 314976

Ion Ratio Lower Upper

99 100

42 17.5 11.0 16.4#

71 32.6 23.4 35.2



#15

Benzyl Alcohol

Concen: 4.72 ng m

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

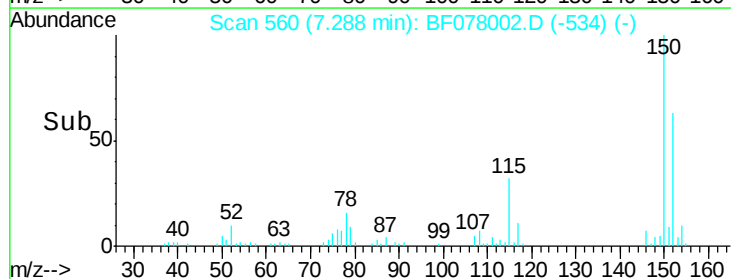
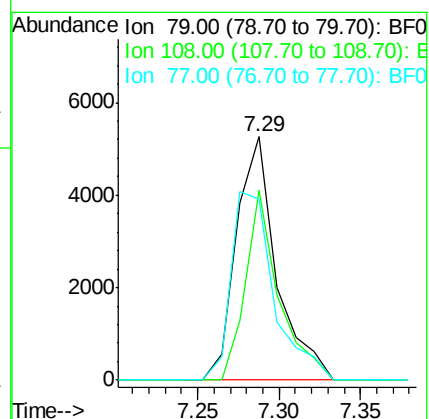
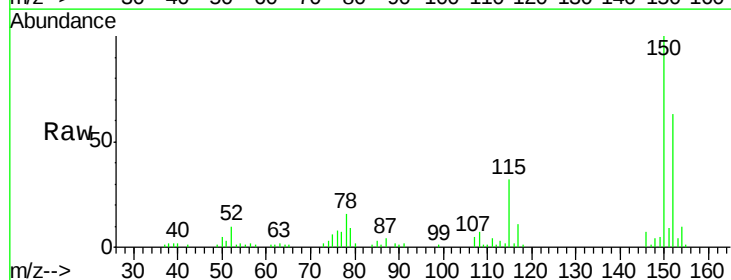
Tgt Ion: 79 Resp: 9061

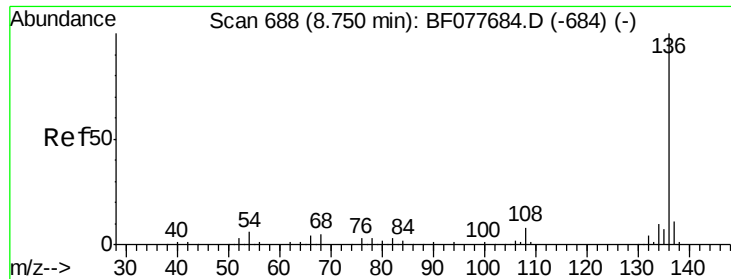
Ion Ratio Lower Upper

79 100

108 78.2 65.0 97.4

77 74.3 53.0 79.6

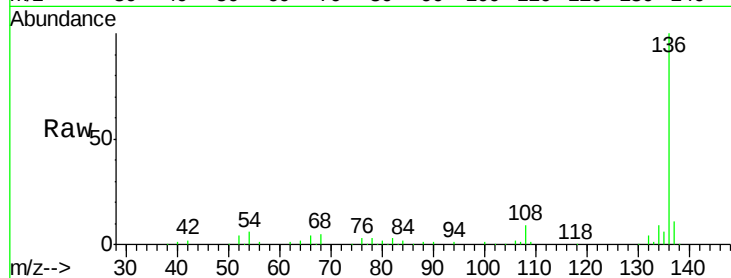




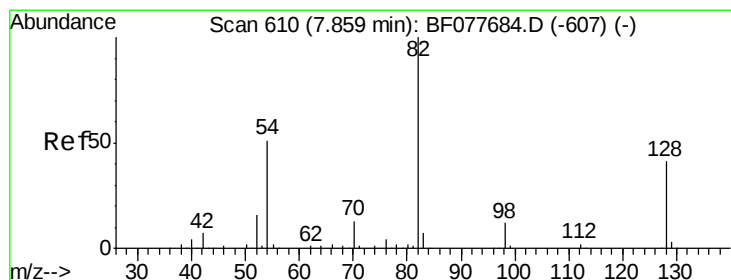
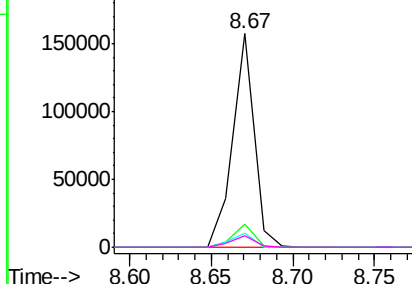
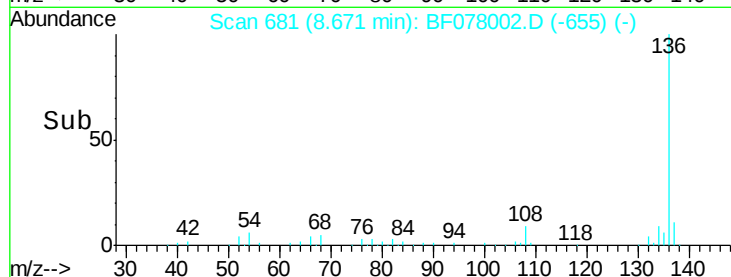
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	136	Resp:	142028
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.3	4.6	6.8
68	5.1	3.7	5.5

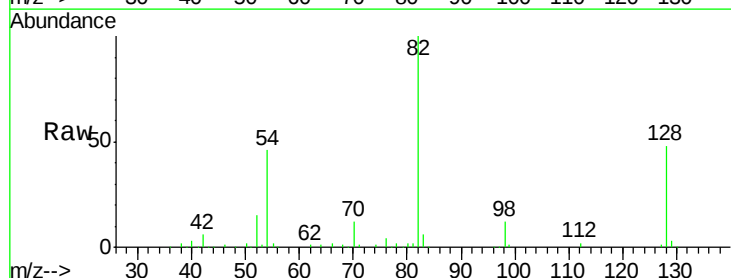


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

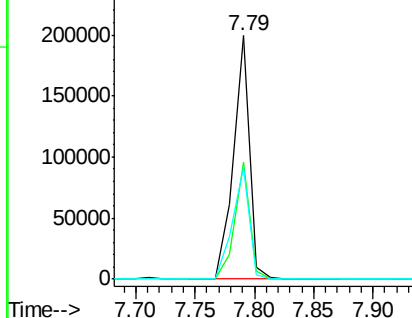
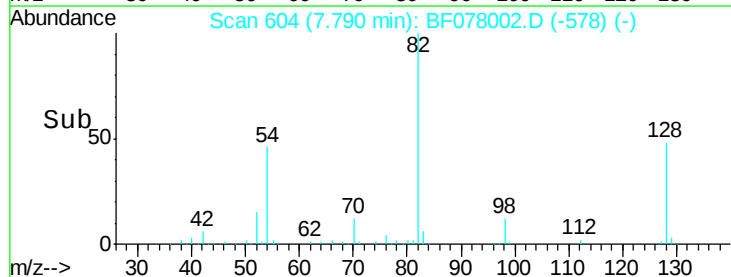


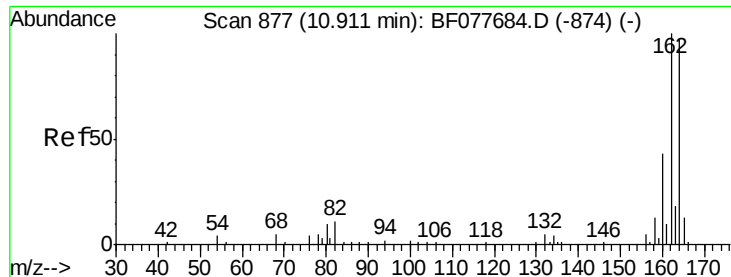
#23
Nitrobenzene-d5
Concen: 86.34 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Tgt Ion:	82	Resp:	187069
Ion	Ratio	Lower	Upper
82	100		
128	48.0	32.8	49.2
54	46.1	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

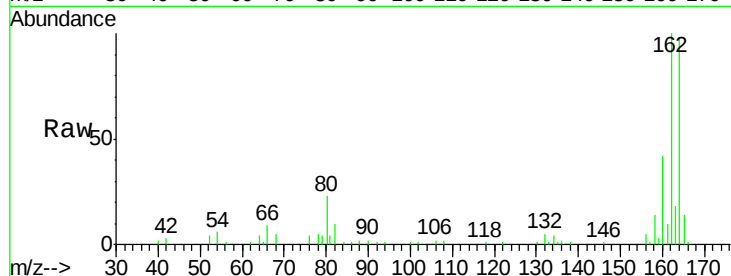
Tgt Ion:164 Resp: 69027

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

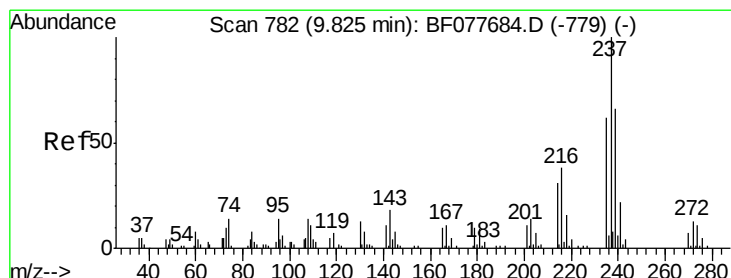
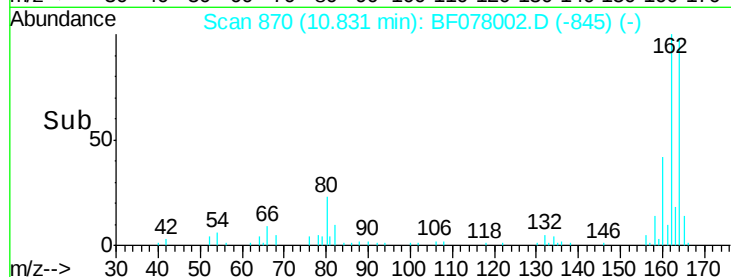
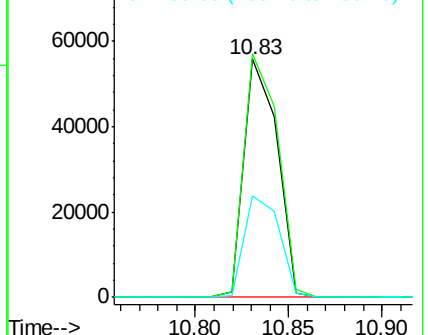
160 42.8 35.8 53.6



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



#40

Hexachlorocyclopentadiene

Concen: 4.02 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF078002.D

Acq: 26 Mar 2015 18:30

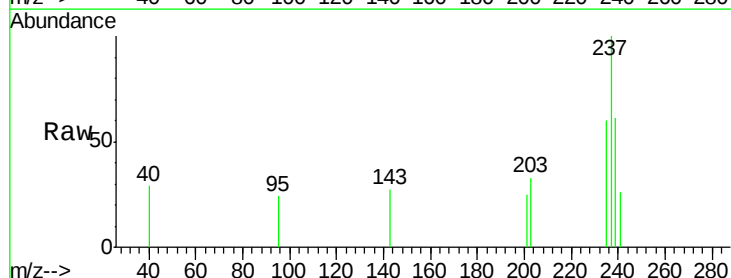
Tgt Ion:237 Resp: 912

Ion Ratio Lower Upper

237 100

235 59.8 42.0 82.0

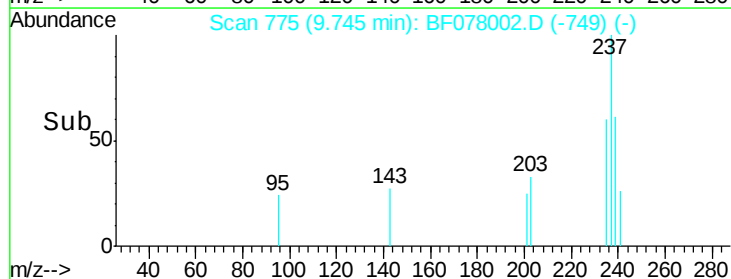
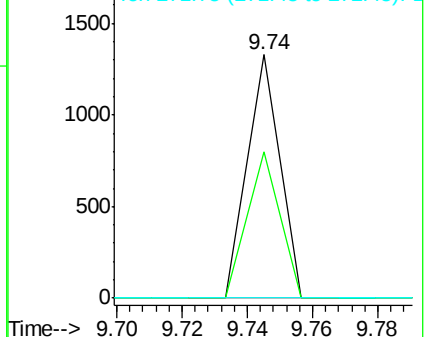
272 0.0 0.0 33.4

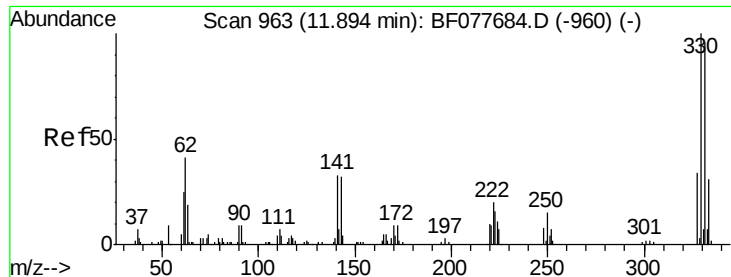


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

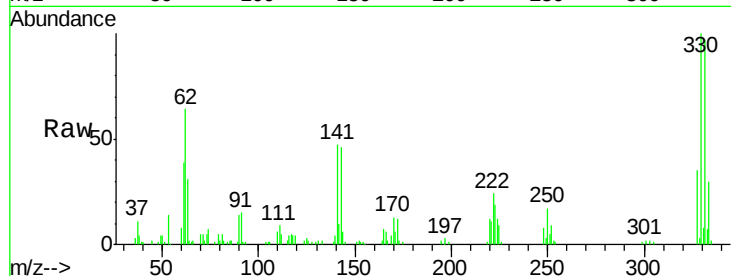




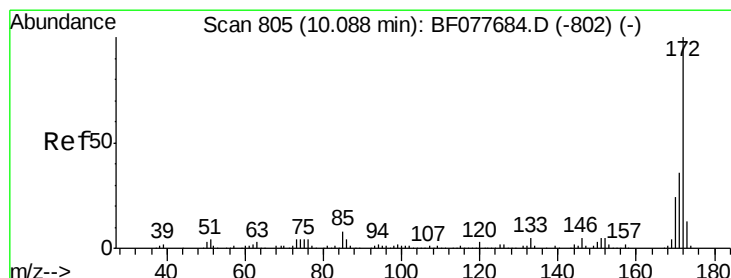
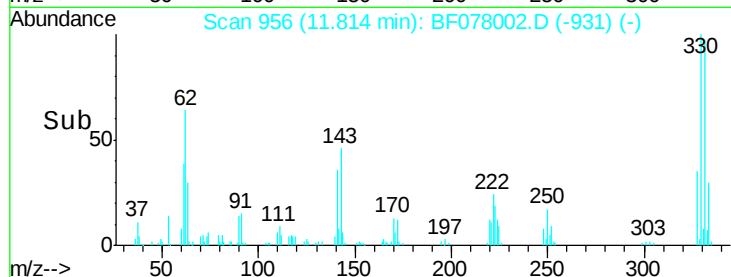
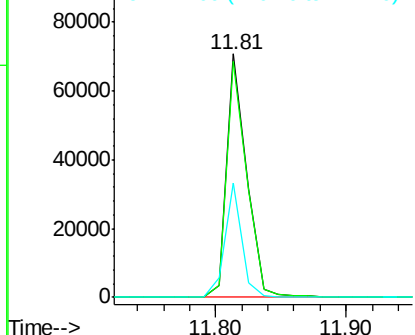
#41
 2,4,6-Tribromophenol
 Concen: 113.89 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078002.D
 Acq: 26 Mar 2015 18:30

Instrument :
 BNA_F
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 LOD-WATER2015-01

Tgt Ion:330 Resp: 75216
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 40.0 0.0 0.0#

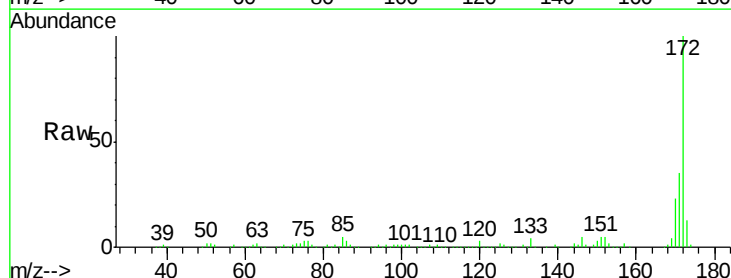


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

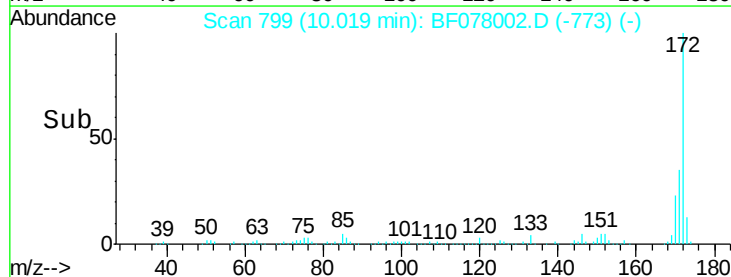
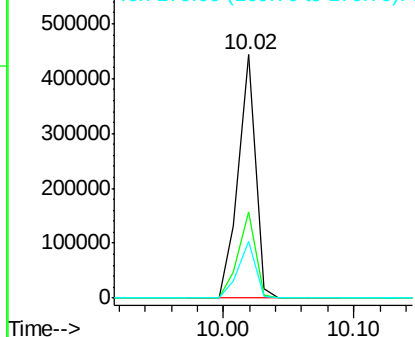


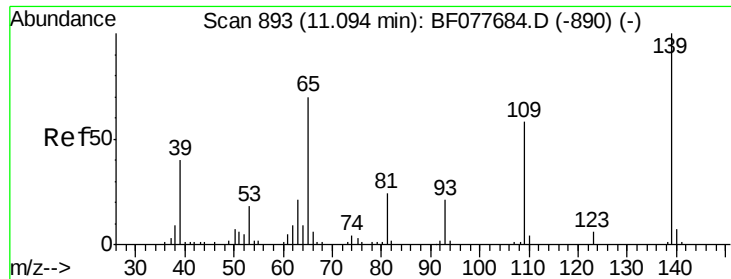
#44
 2-Fluorobiphenyl
 Concen: 87.08 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078002.D
 Acq: 26 Mar 2015 18:30

Tgt Ion:172 Resp: 409019
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.3 18.8 28.2



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

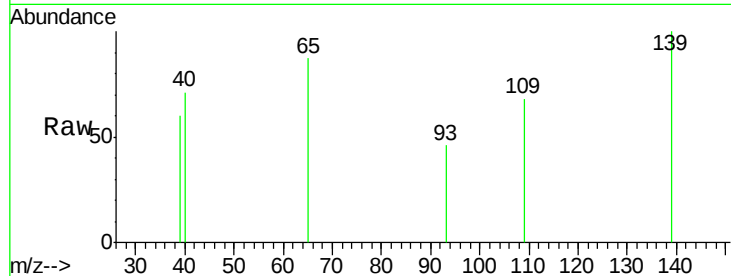




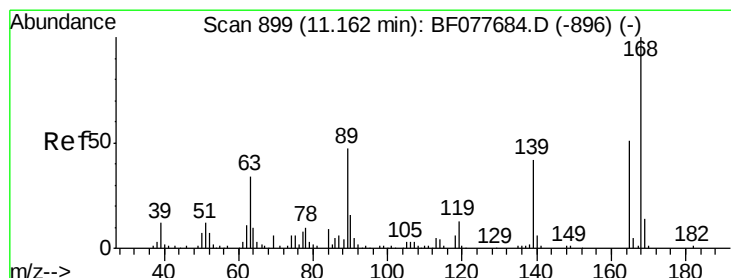
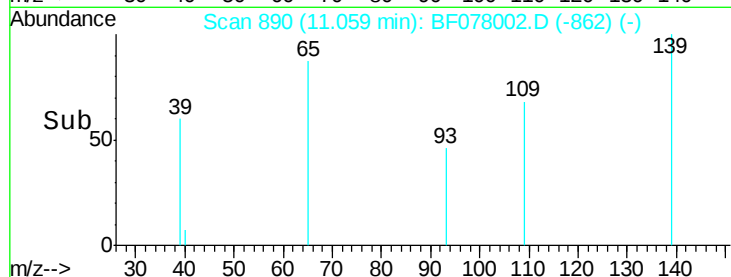
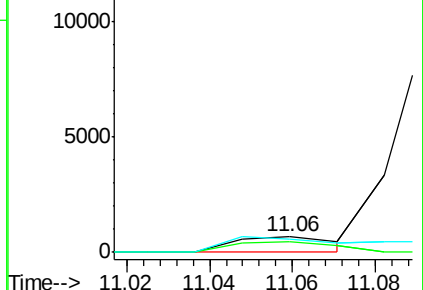
#55
4-Nitrophenol
Concen: 1.29 ng m
RT: 11.06 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:139 Resp: 1181
Ion Ratio Lower Upper
139 100
109 67.6 37.7 77.7
65 87.2 49.9 89.9

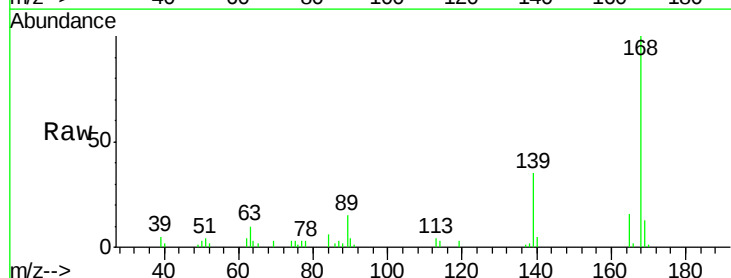


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

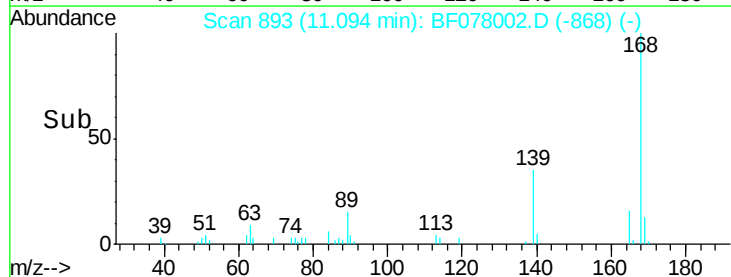
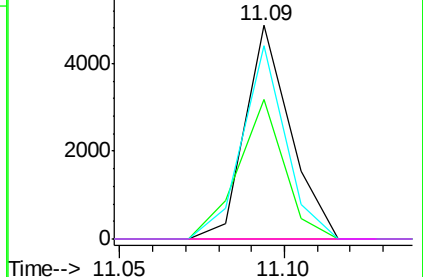


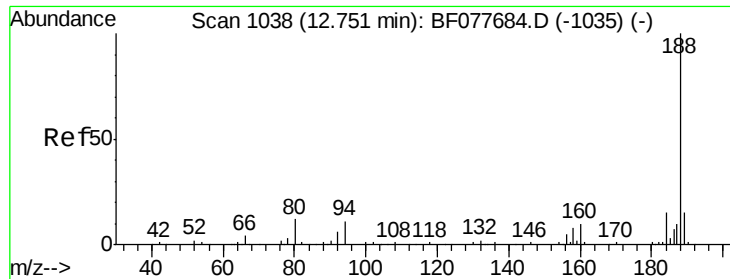
#56
2,4-Dinitrotoluene
Concen: 3.35 ng m
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Tgt Ion:165 Resp: 4636
Ion Ratio Lower Upper
165 100
63 65.2 52.4 78.6
89 90.4 72.4 108.6
182 0.0 2.0 3.0#



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

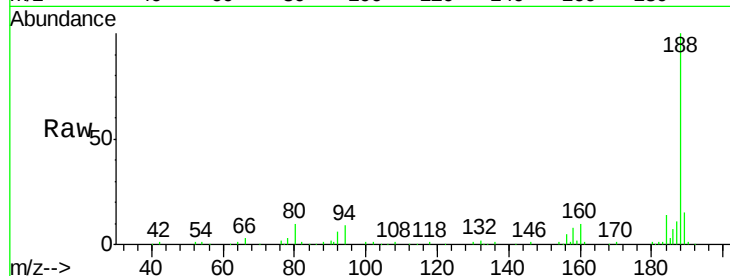




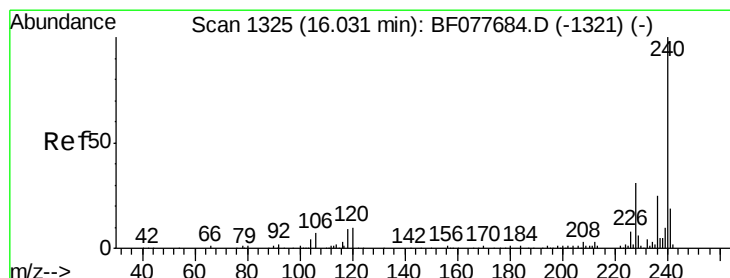
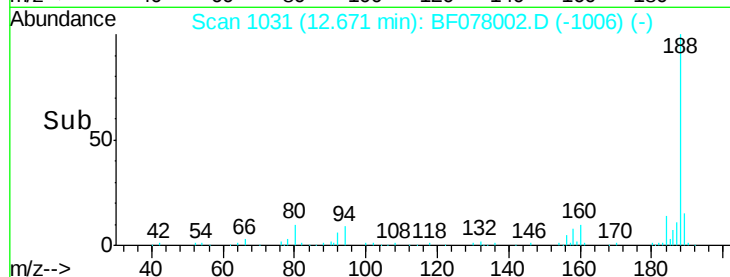
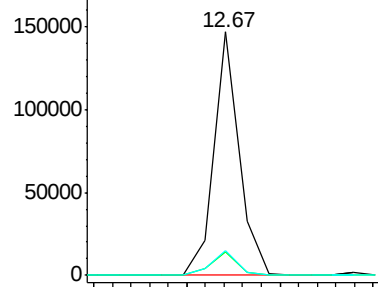
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:188 Resp: 138754
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 10.0 9.3 13.9

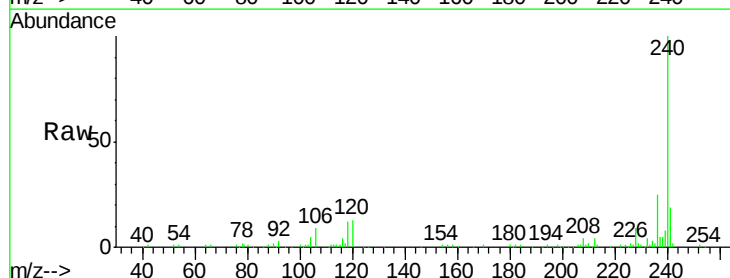


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

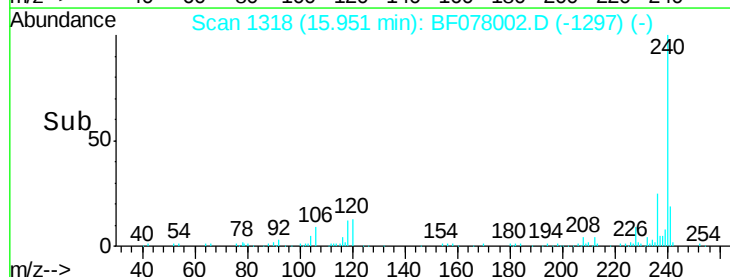
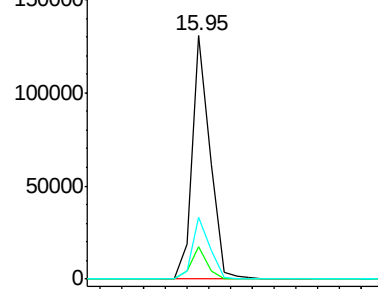


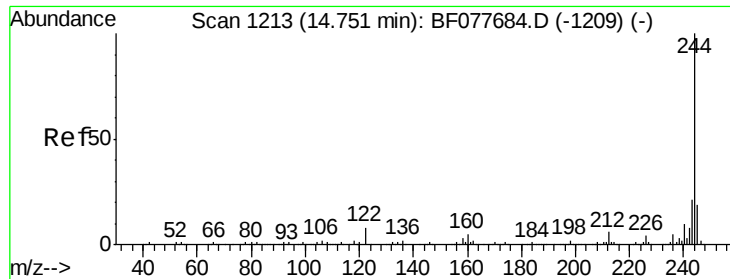
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078002.D
Acq: 26 Mar 2015 18:30

Tgt Ion:240 Resp: 149477
Ion Ratio Lower Upper
240 100
120 13.4 8.2 12.2#
236 25.4 20.0 30.0



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

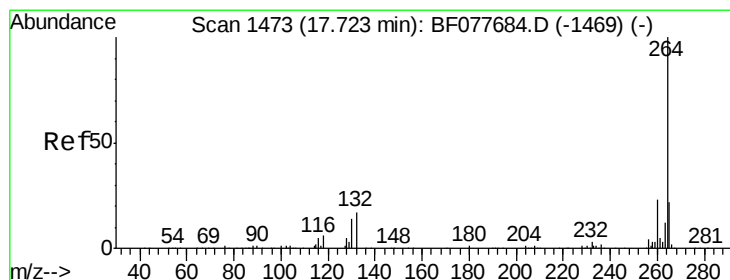
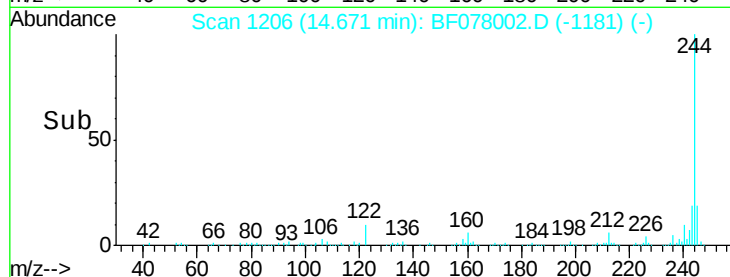
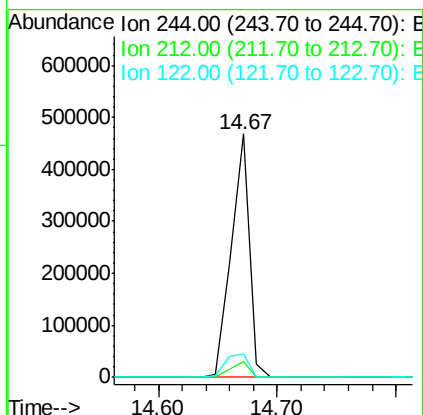
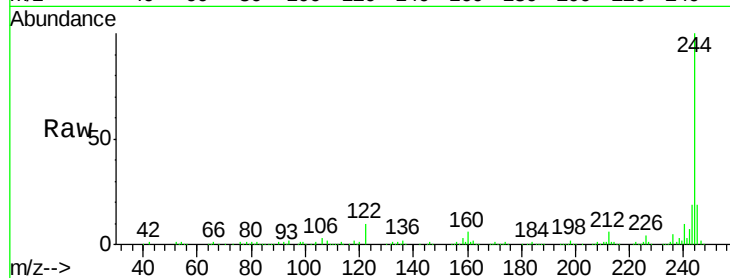




#78
 Terphenyl-d14
 Concen: 80.90 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078002.D
 Acq: 26 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion: 244 Resp: 495071
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 9.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.18 min
 Lab File: BF078002.D
 Acq: 26 Mar 2015 18:30

Tgt Ion: 264 Resp: 142515
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.4 17.3 25.9

