

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078112.D
 Acq On : 31 Mar 2015 13:58
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Apr 01 10:58:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

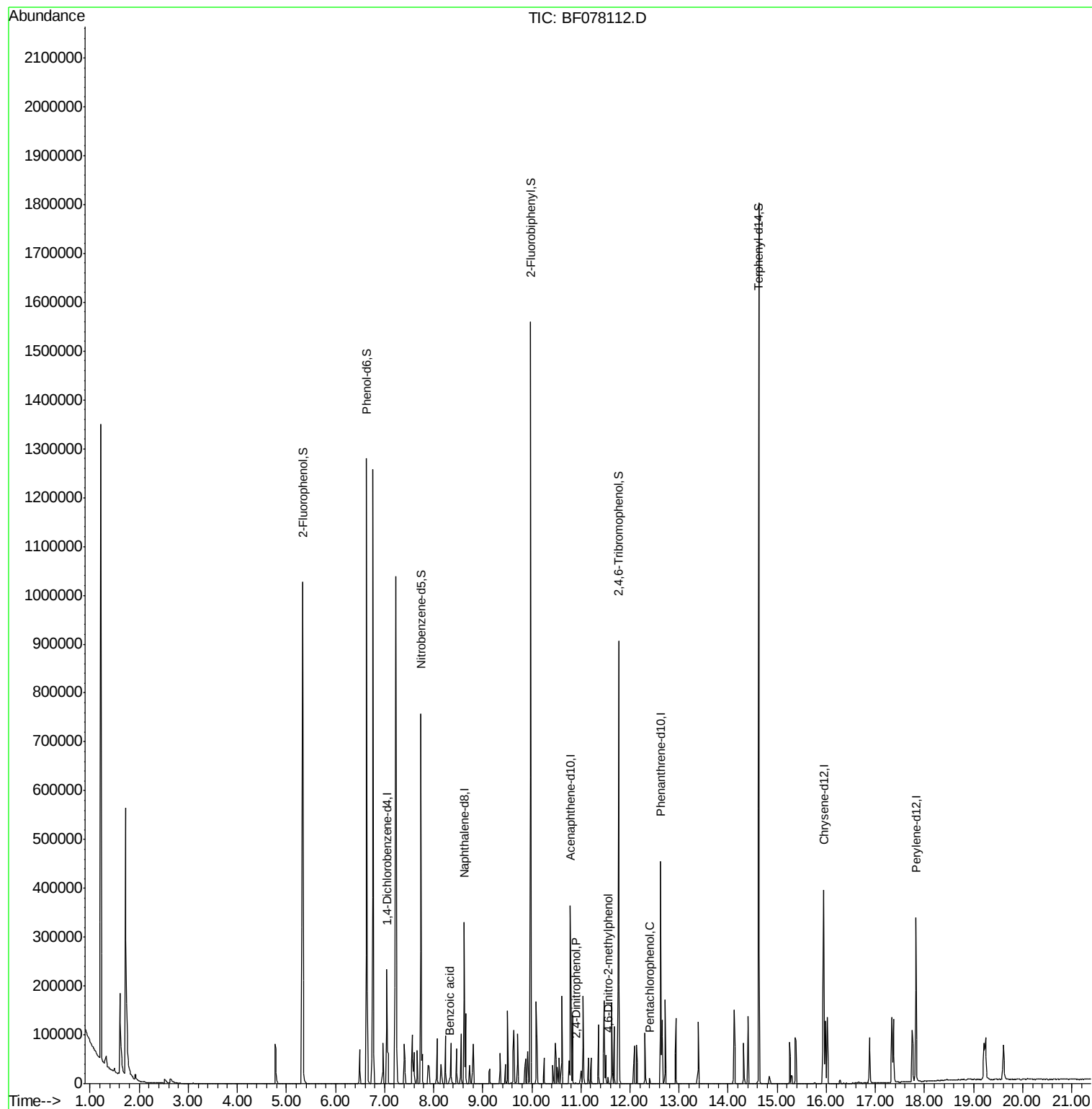
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44157	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	182366	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	88657	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	179106	20.00	ng	0.00
75) Chrysene-d12	15.95	240	188359m	20.00	ng	0.06
86) Perylene-d12	17.83	264	167218	20.00	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	334627	132.28	ng	0.00
7) Phenol-d6	6.64	99	421915	134.99	ng	0.00
23) Nitrobenzene-d5	7.74	82	259044	93.11	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	109427	129.00	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	545174	90.37	ng	0.00
78) Terphenyl-d14	14.63	244	644106	83.53	ng	0.01
Target Compounds						
32) Benzoic acid	8.33	122	5005m	6.23	ng	Qvalue
53) 2,4-Dinitrophenol	10.90	184	596	9.13	ng	# 77
64) 4,6-Dinitro-2-methylphenol	11.55	198	2726m	7.23	ng	
69) Pentachlorophenol	12.40	266	2764m	5.50	ng	

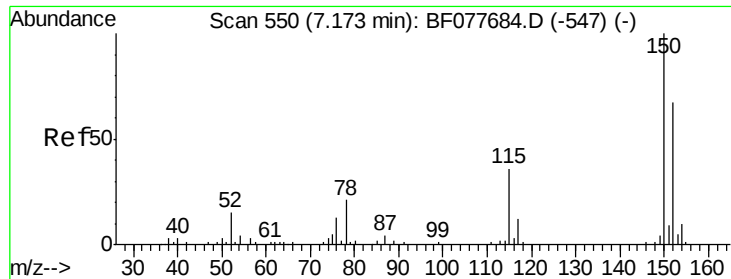
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF078112.D

Acq: 31 Mar 2015 13:58

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

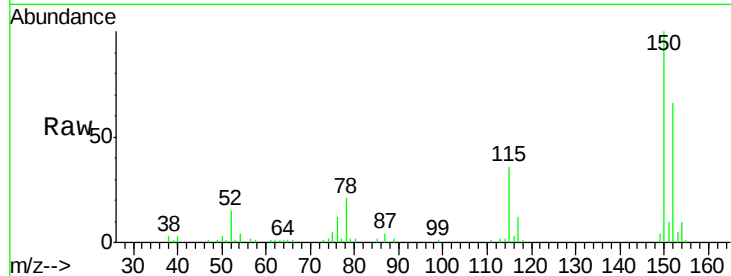
Tot Ion:152 Resp: 44157

Ion Ratio Lower Upper

152 100

150 151.3 119.5 179.3

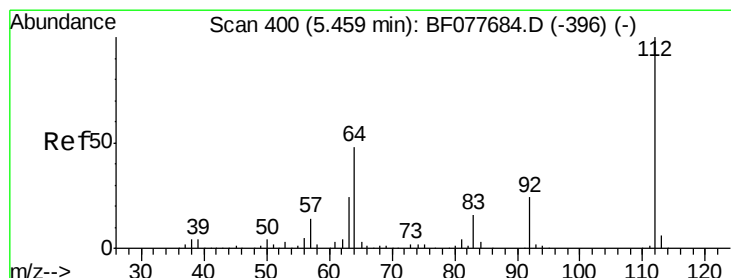
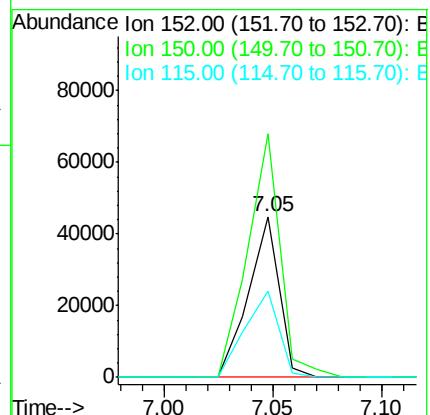
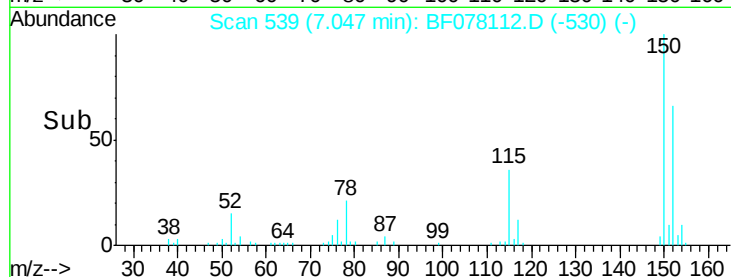
115 53.8 43.0 64.4



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



#5

2-Fluorophenol

Concen: 132.28 ng

RT: 5.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF078112.D

Acq: 31 Mar 2015 13:58

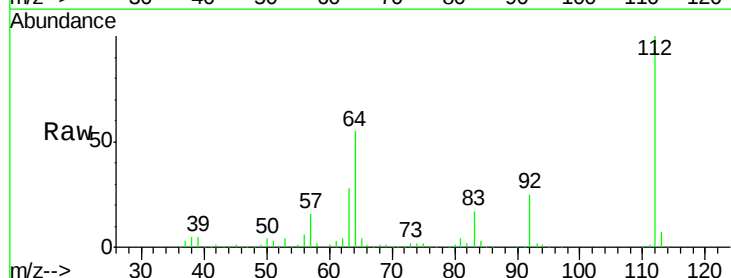
Tgt Ion:112 Resp: 334627

Ion Ratio Lower Upper

112 100

64 54.9 38.6 57.8

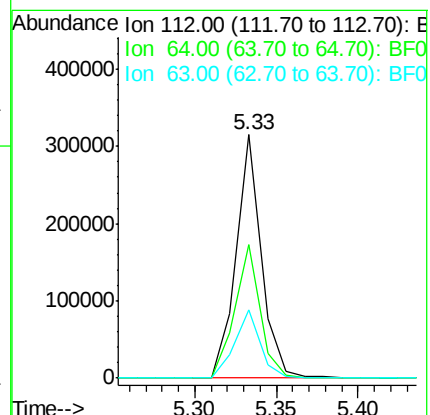
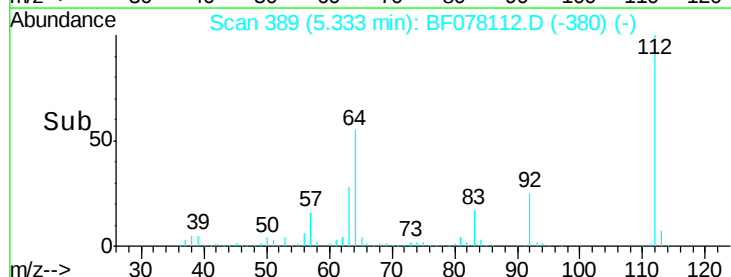
63 28.0 19.3 28.9

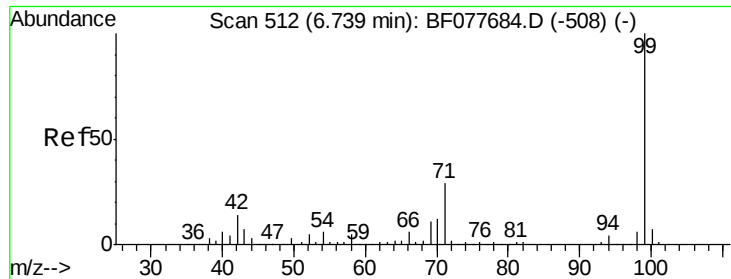


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.99 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078112.D

Acq: 31 Mar 2015 13:58

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

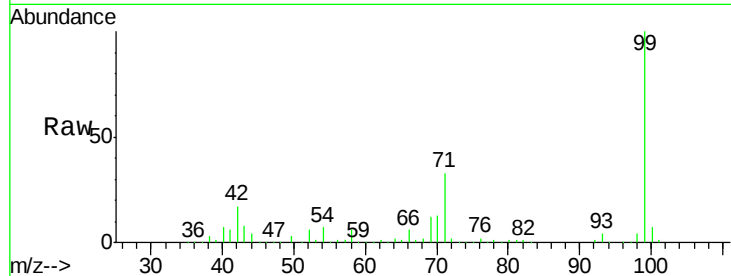
Tot Ion: 99 Resp: 421915

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

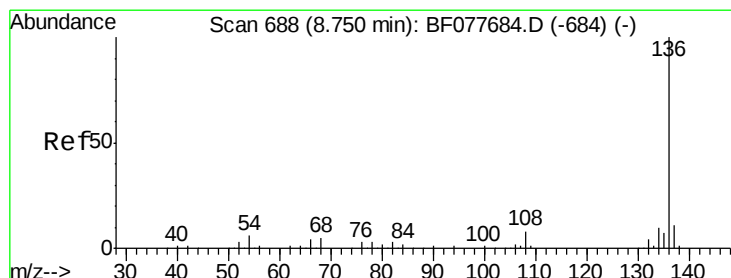
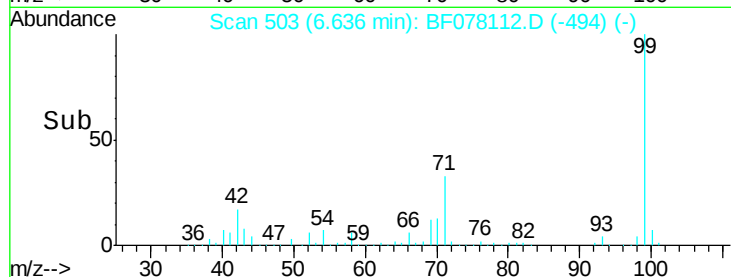
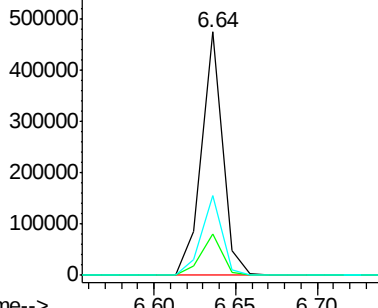
71 32.5 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078112.D

Acq: 31 Mar 2015 13:58

Tgt Ion: 136 Resp: 182366

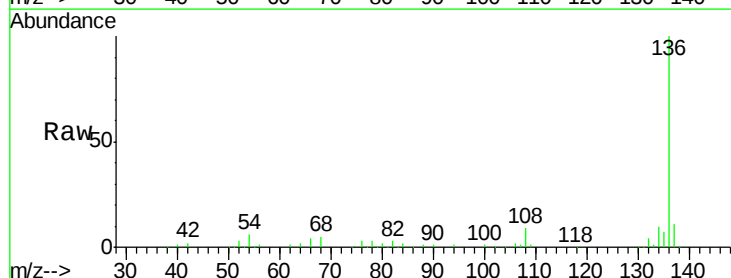
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.7 4.6 6.8

68 4.7 3.7 5.5

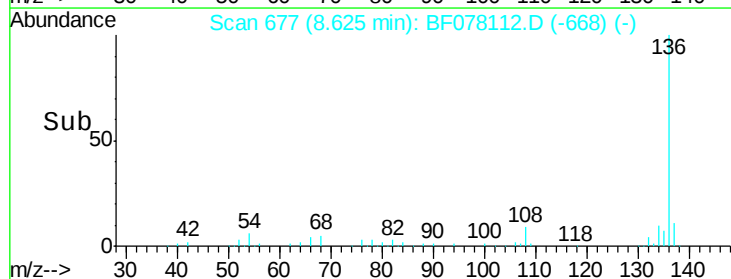
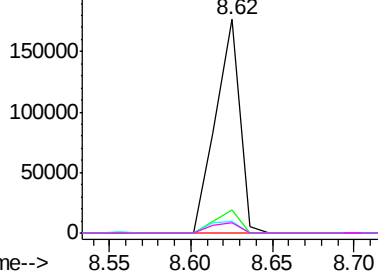


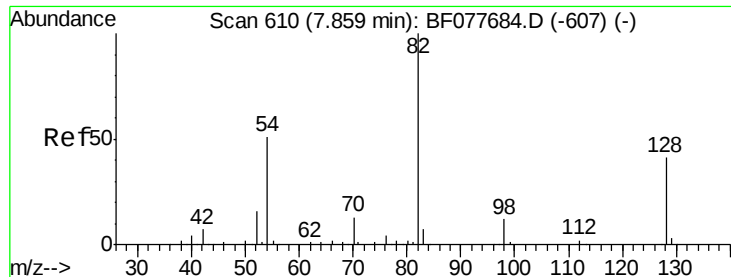
Abundance Ion 136.00 (135.70 to 136.70): E

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

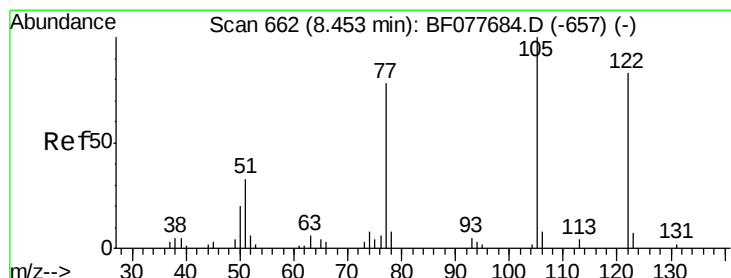
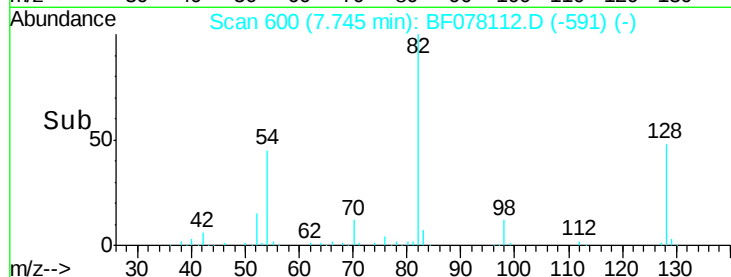
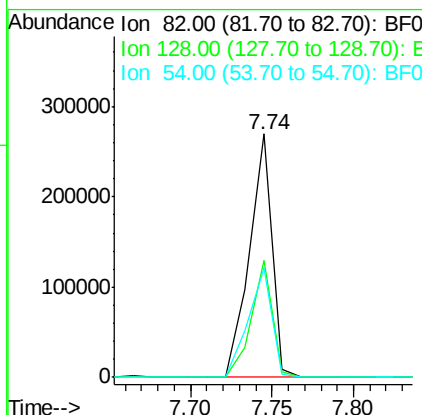
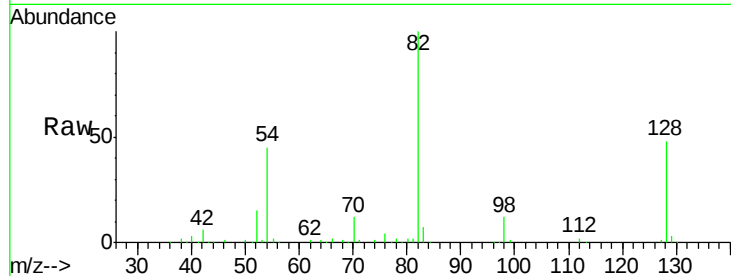




#23
 Nitrobenzene-d5
 Concen: 93.11 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

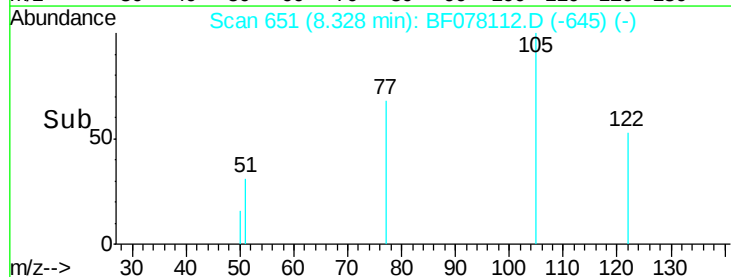
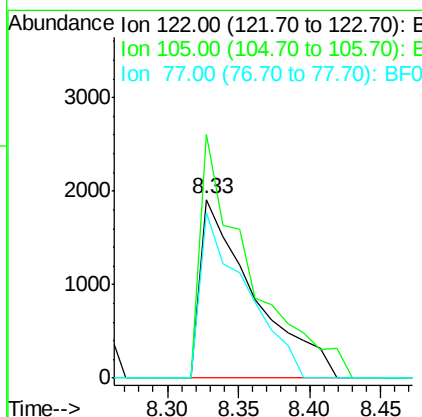
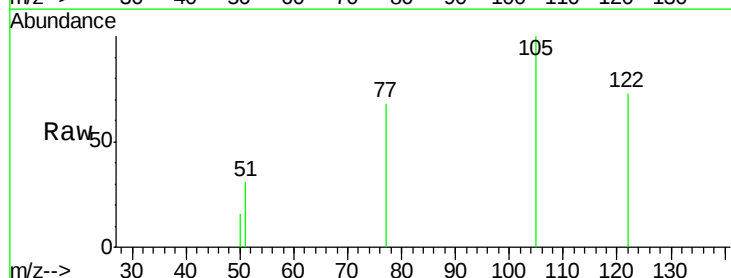
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

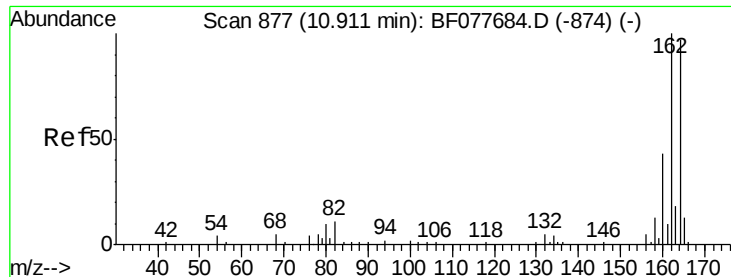
Tot Ion: 82 Resp: 259044
 Ion Ratio Lower Upper
 82 100
 128 48.2 32.8 49.2
 54 45.0 40.6 60.8



#32
 Benzoic acid
 Concen: 6.23 ng m
 RT: 8.33 min Scan# 651
 Delta R.T. -0.03 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Tgt Ion: 122 Resp: 5005
 Ion Ratio Lower Upper
 122 100
 105 136.5 99.9 139.9
 77 92.8 73.7 113.7

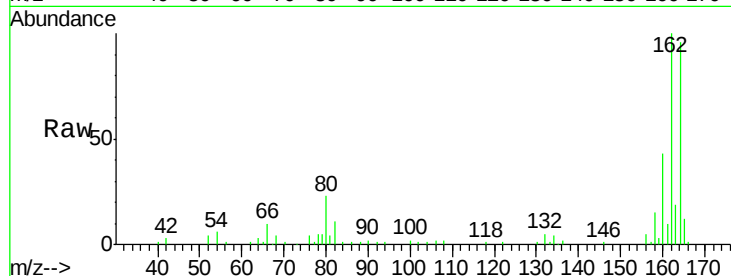




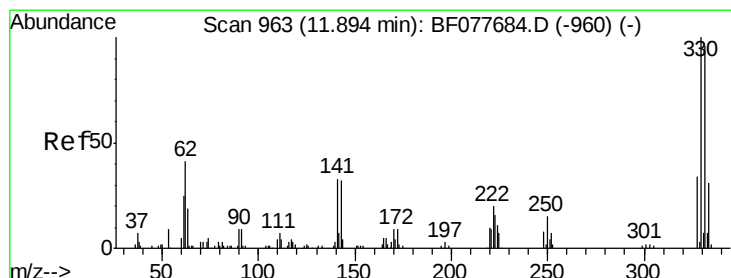
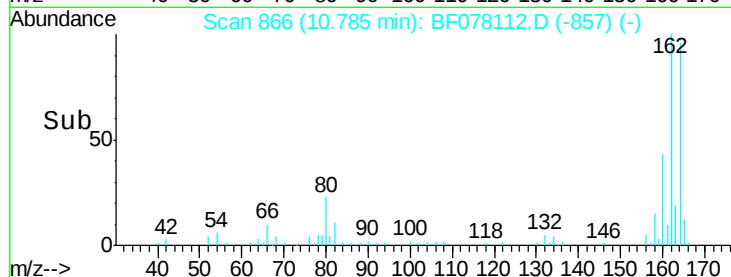
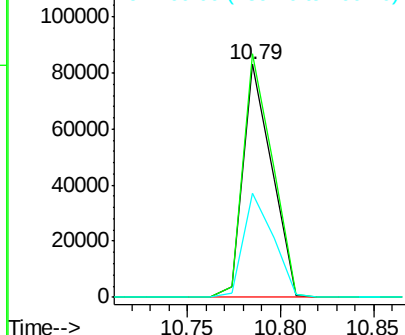
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:164 Resp: 88657
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 44.6 35.8 53.6

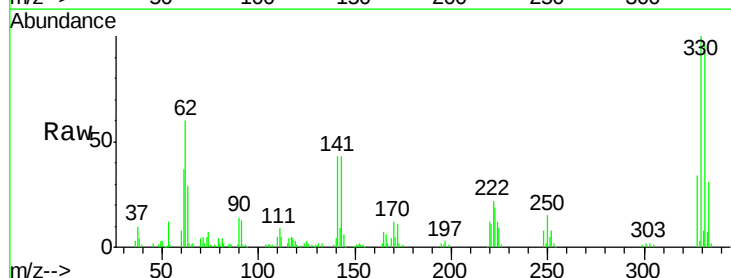


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

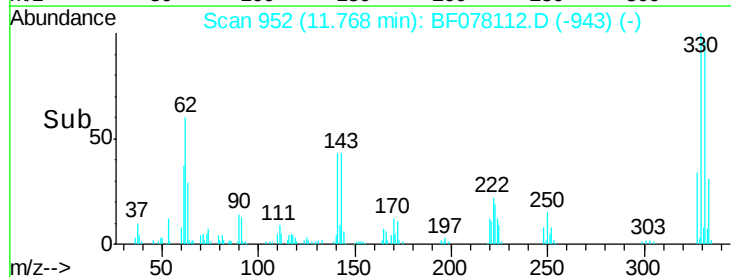
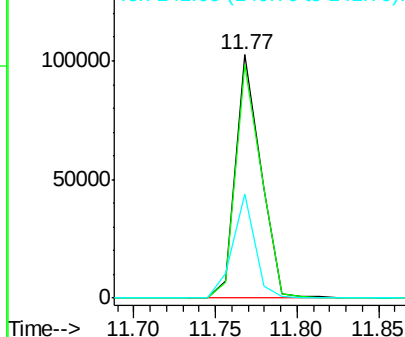


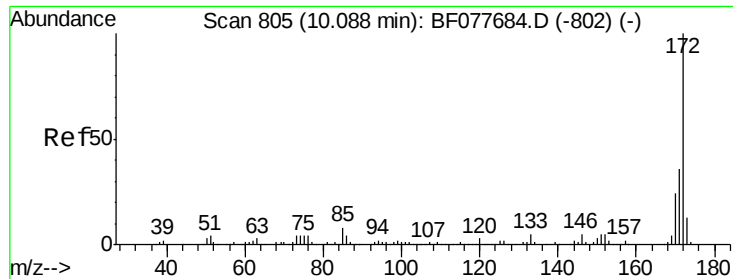
#41
 2,4,6-Tribromophenol
 Concen: 129.00 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Tgt Ion:330 Resp: 109427
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.7 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

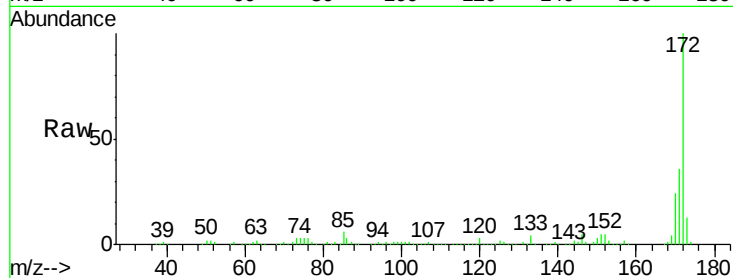




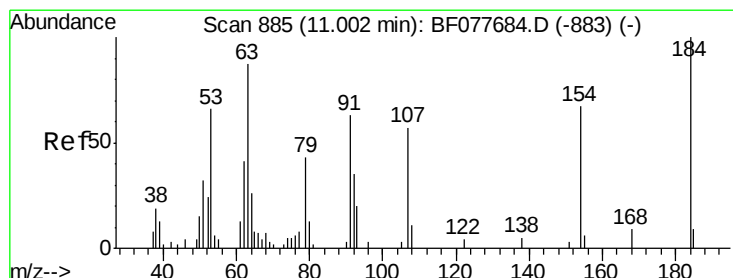
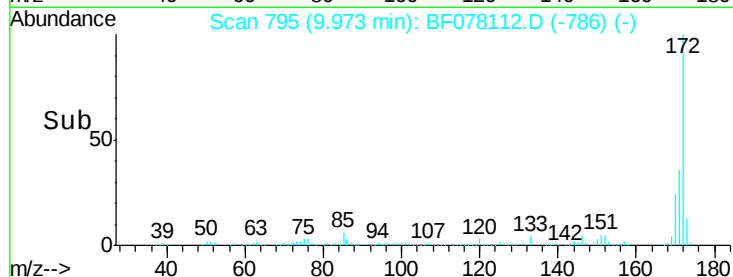
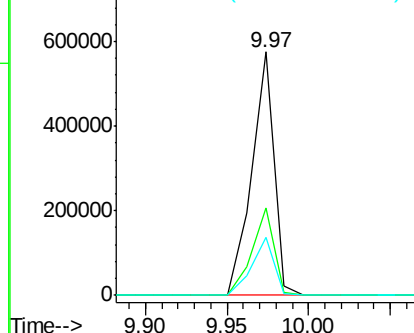
#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Instrument :
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 LOD-WATER2015-01

Tot Ion:172 Resp: 545174
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.9 18.8 28.2

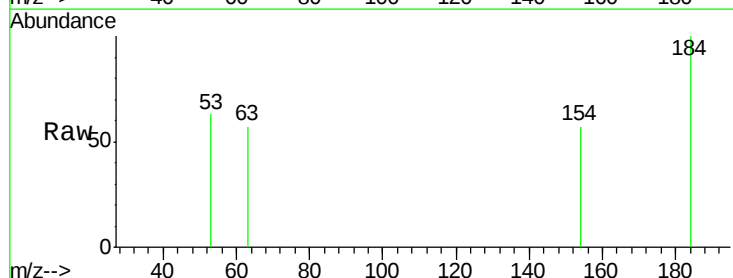


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

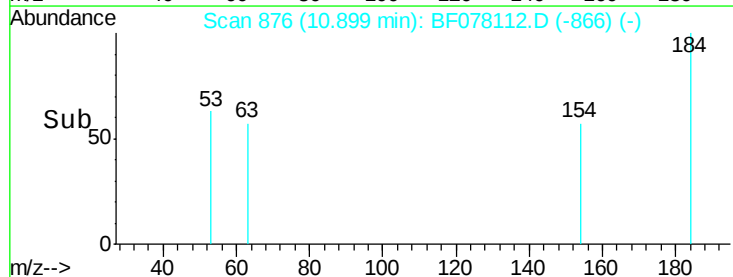
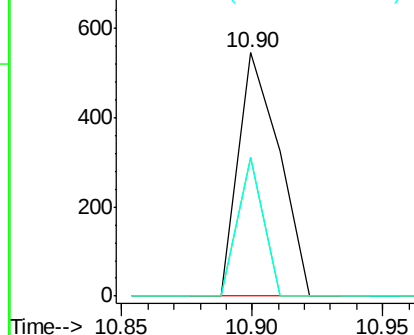


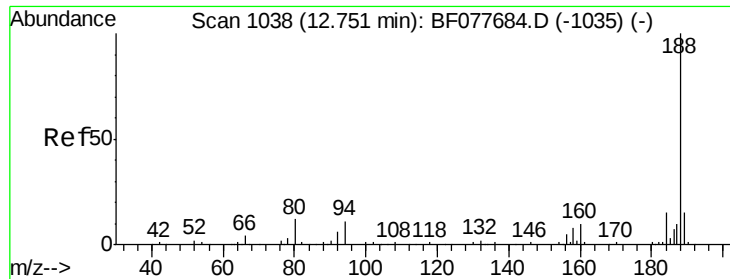
#53
 2,4-Dinitrophenol
 Concen: 9.13 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Tgt Ion:184 Resp: 596
 Ion Ratio Lower Upper
 184 100
 63 56.9 69.2 103.8#
 154 57.2 53.3 79.9



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

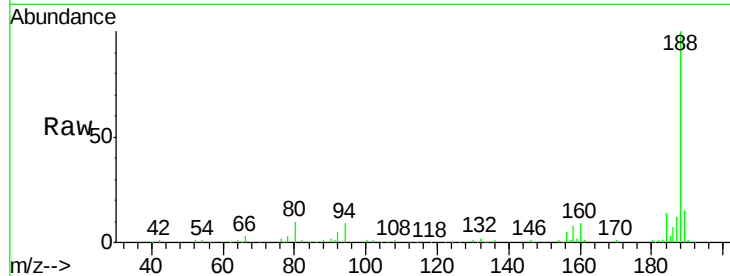




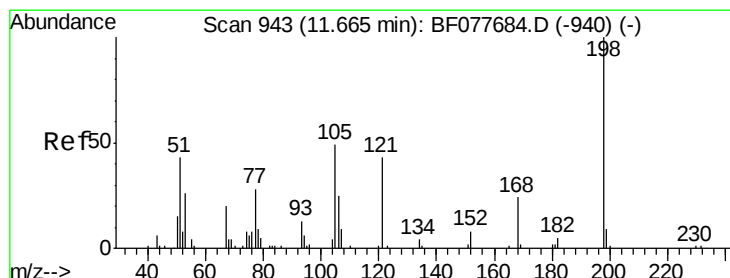
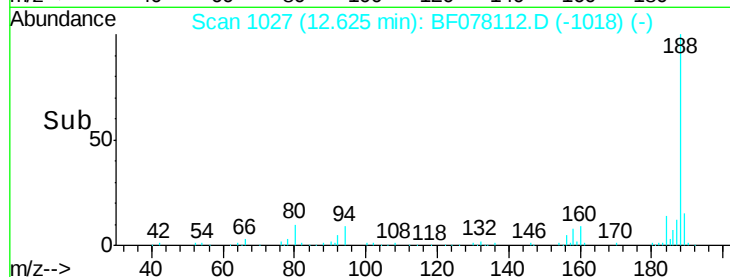
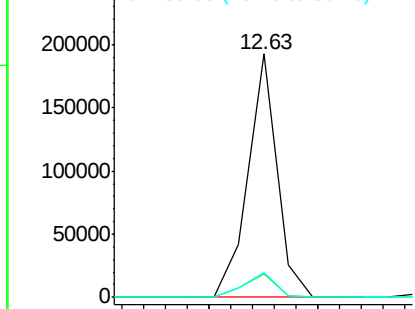
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078112.D
Acq: 31 Mar 2015 13:58

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:188 Resp: 179106
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 10.0 9.3 13.9

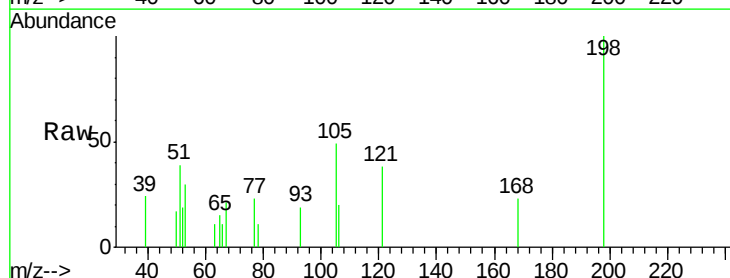


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

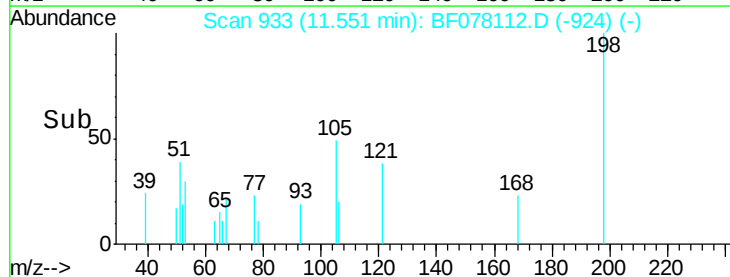
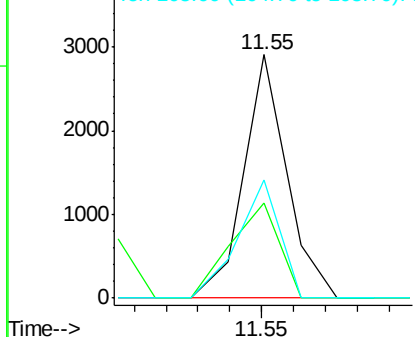


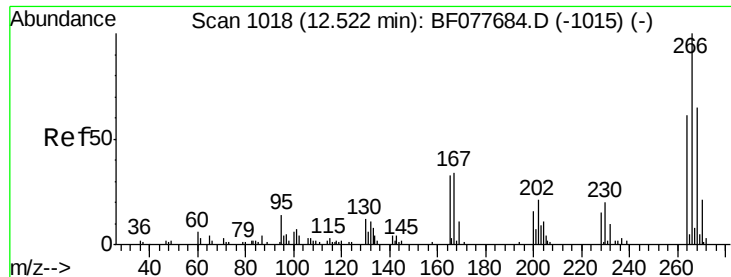
#64
4,6-Dinitro-2-methylphenol
Concen: 7.23 ng m
RT: 11.55 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078112.D
Acq: 31 Mar 2015 13:58

Tgt Ion:198 Resp: 2726
Ion Ratio Lower Upper
198 100
51 38.9 28.8 68.8
105 48.7 30.5 70.5



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

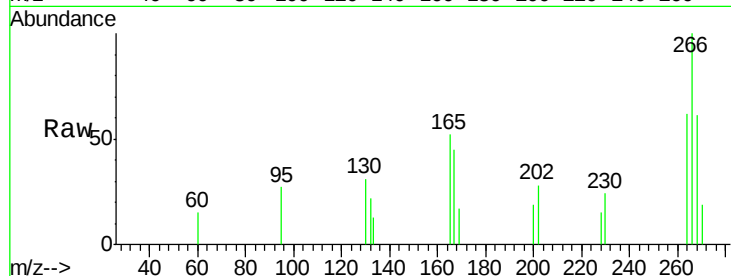




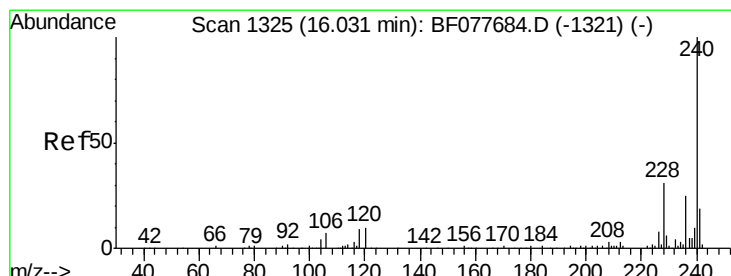
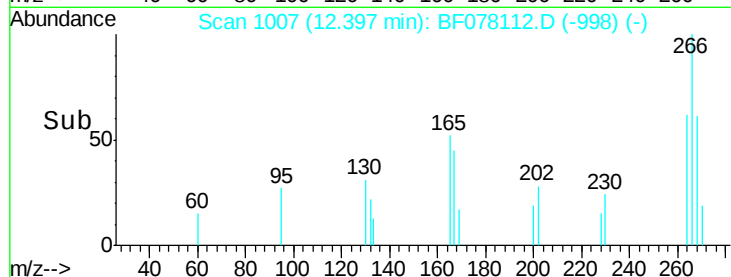
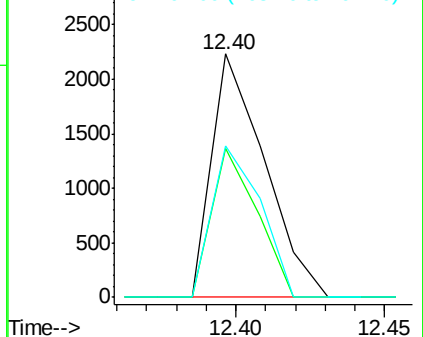
#69
 Pentachlorophenol
 Concen: 5.50 ng m
 RT: 12.40 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:266 Resp: 2764
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.0 78.0
 264 62.2 49.0 73.4

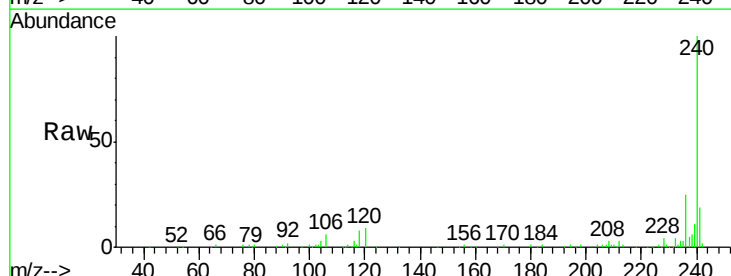


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

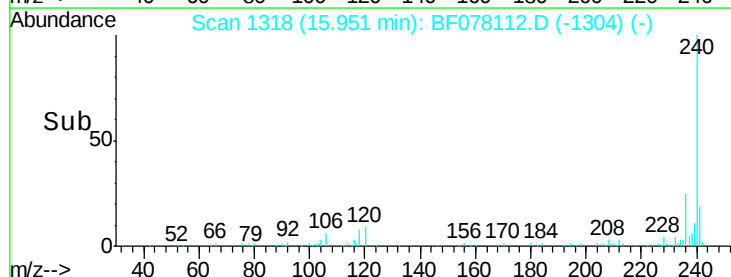
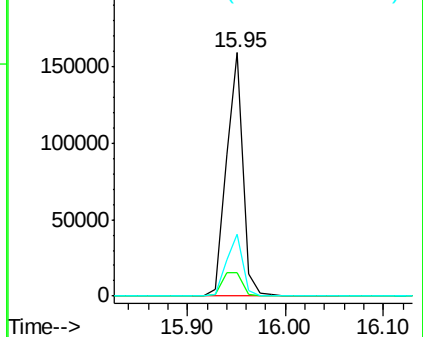


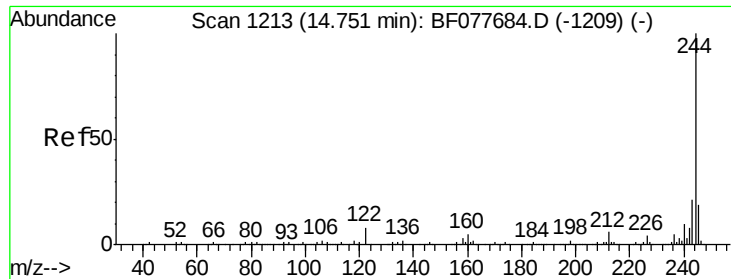
#75
 Chrysene-d12
 Concen: 20.00 ng m
 RT: 15.95 min Scan# 1318
 Delta R.T. 0.06 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Tgt Ion:240 Resp: 188359
 Ion Ratio Lower Upper
 240 100
 120 9.4 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

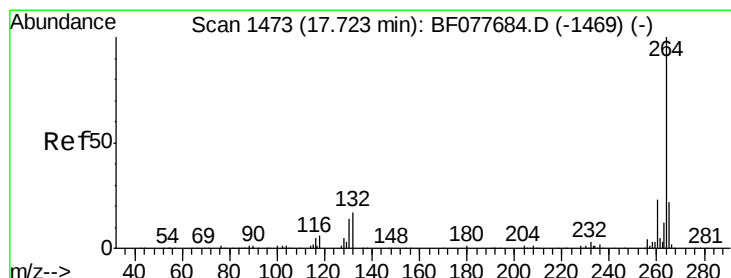
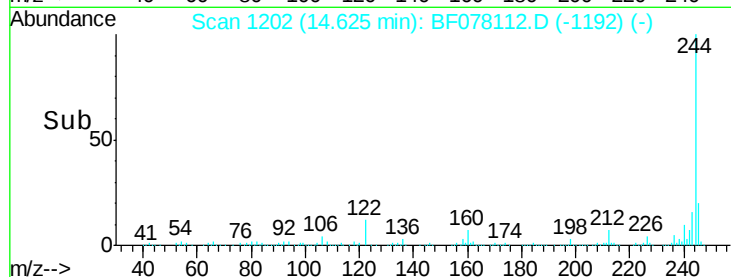
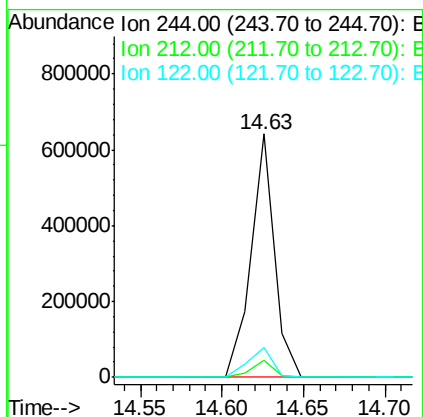
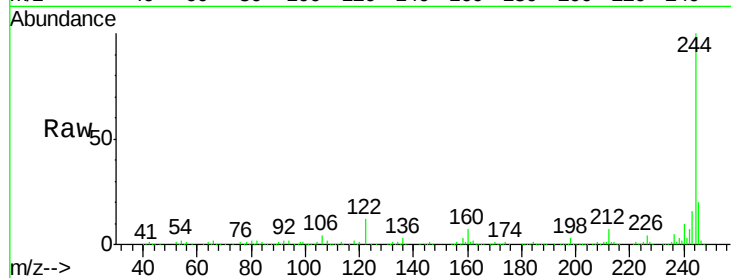




#78
 Terphenyl-d14
 Concen: 83.53 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:244 Resp: 644106
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 12.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1482
 Delta R.T. 0.22 min
 Lab File: BF078112.D
 Acq: 31 Mar 2015 13:58

Tgt Ion:264 Resp: 167218
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 20.7 17.3 25.9

