

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
 Data File : BF076728.D
 Acq On : 2 Jan 2015 17:17
 Operator : IZ / TP
 Sample : G1001-05
 Misc : LOD-WATER-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jan 05 10:06:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 03 00:26:38 2015
 Response via : Initial Calibration

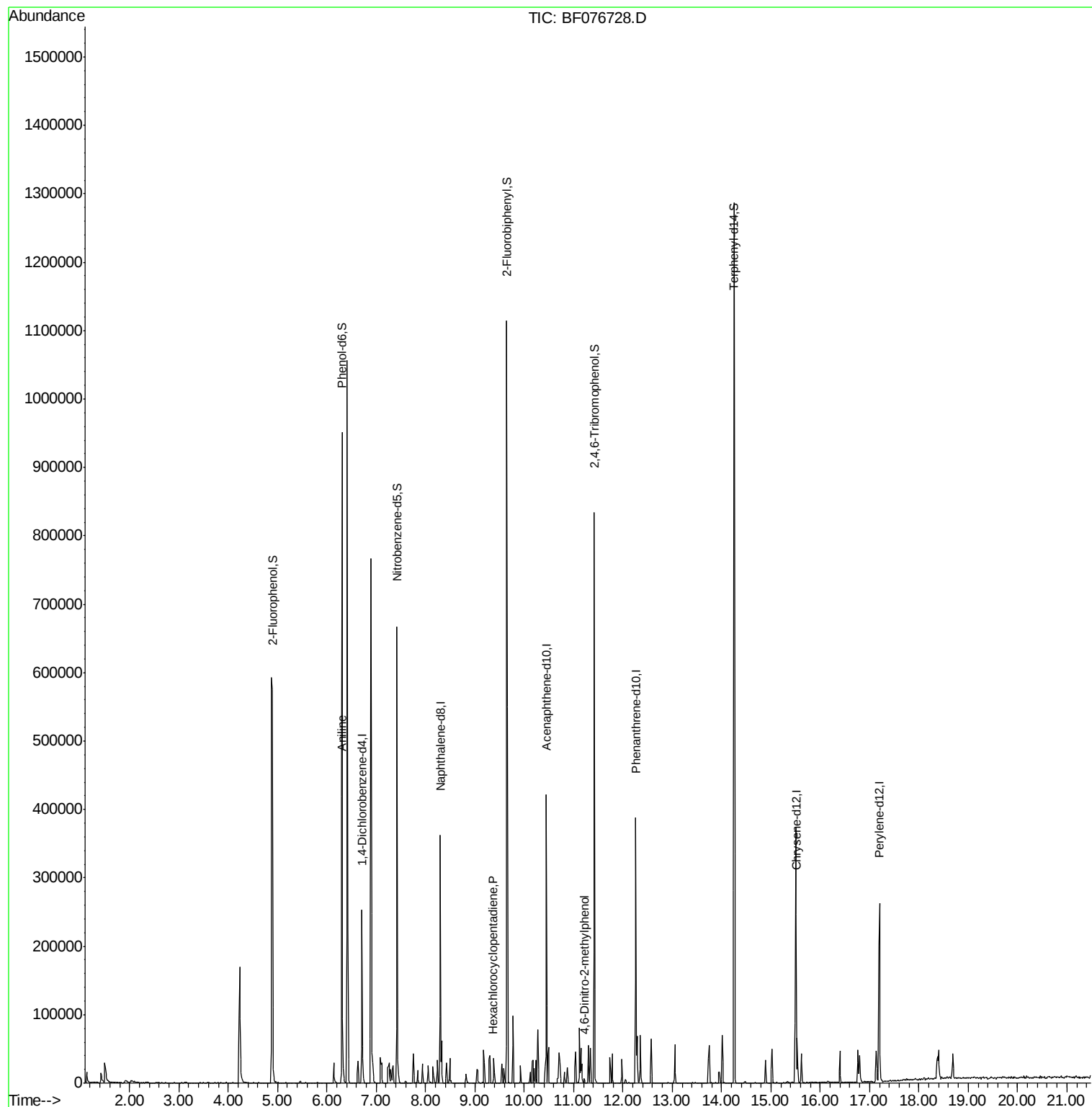
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	39025	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	165516	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	93073	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	161556	20.00	ng	0.00
75) Chrysene-d12	15.51	240	148782	20.00	ng	0.00
86) Perylene-d12	17.20	264	135507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	257876	112.03	ng	0.01
7) Phenol-d6	6.31	99	343059	122.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	198566	71.35	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	86071	109.42	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	408711	68.34	ng	-0.01
78) Terphenyl-d14	14.25	244	428641	63.55	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.30	93	12195m	3.04	ng	
40) Hexachlorocyclopentadiene	9.37	237	1780	8.02	ng	76
64) 4,6-Dinitro-2-methylphenol	11.21	198	1501	1.49	ng	85

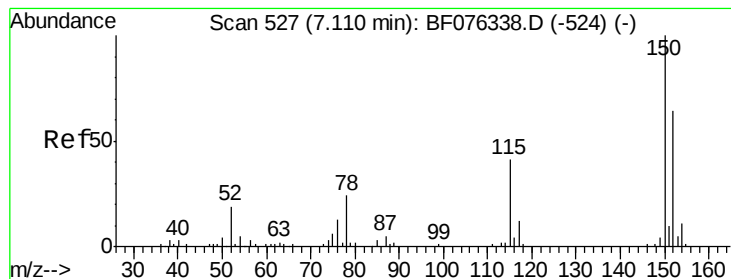
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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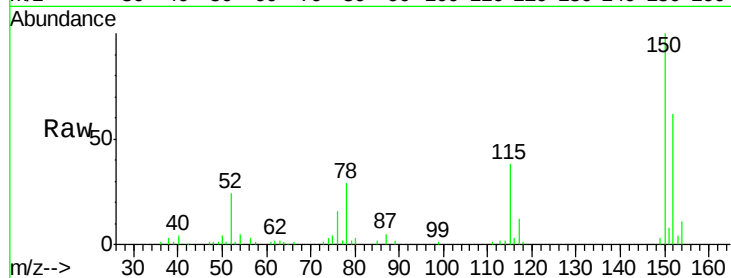


#1

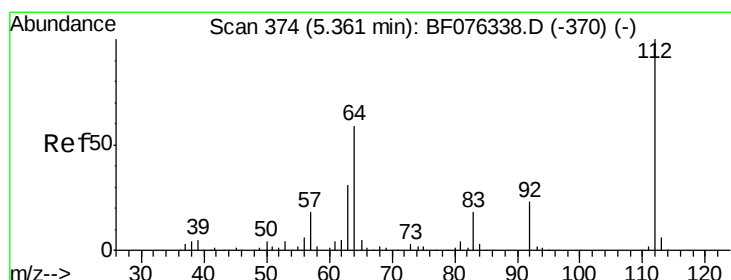
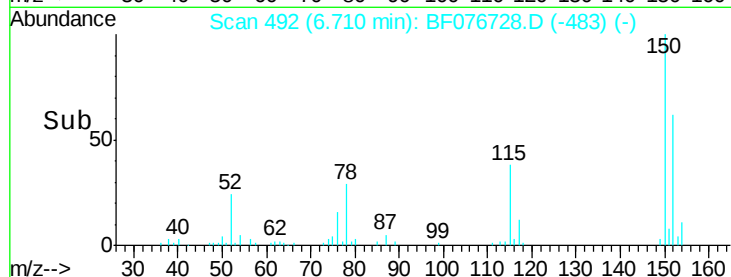
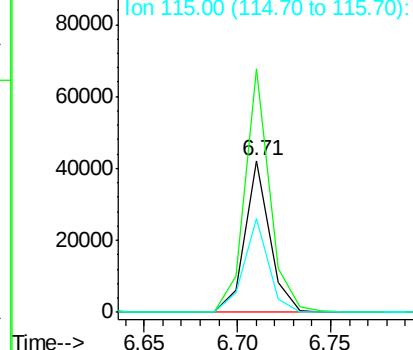
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:152 Resp: 39025
Ion Ratio Lower Upper
152 100
150 160.8 125.2 187.8
115 61.7 51.4 77.0



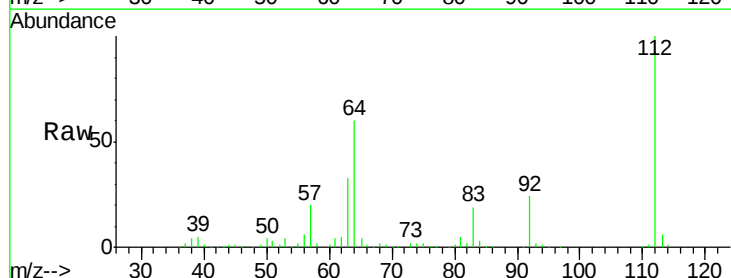
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



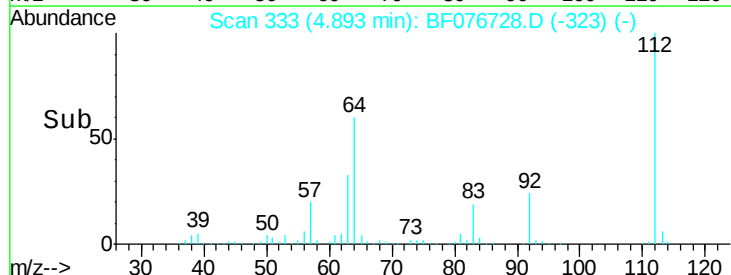
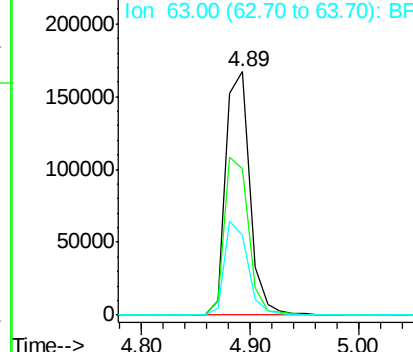
#5

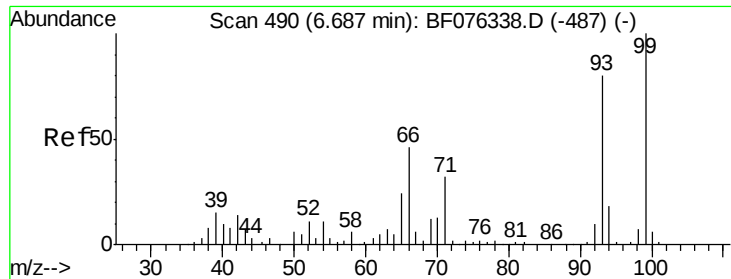
2-Fluorophenol
Concen: 112.03 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:112 Resp: 257876
Ion Ratio Lower Upper
112 100
64 60.1 47.4 71.0
63 32.8 25.0 37.4



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





#6

Aniline

Concen: 3.04 ng/mL

RT: 6.30 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF076728.D

Acq: 2 Jan 2015 17:17

Instrument :

BNA_F

ClientSampleID :

LOD-WATER2015-01

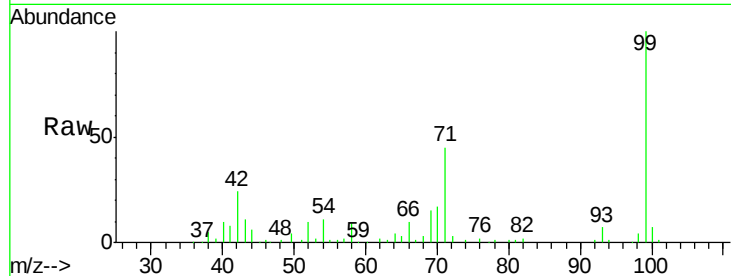
Tot Ion: 93 Resp: 12195

Ion Ratio Lower Upper

93 100

66 133.9 45.7 68.5#

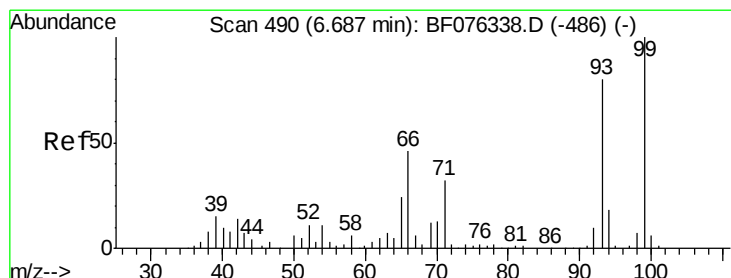
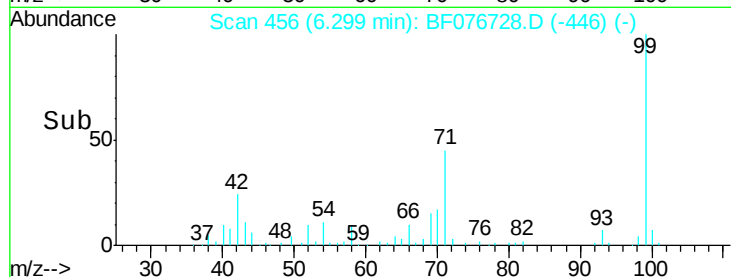
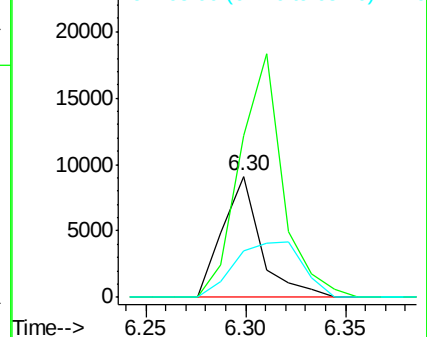
65 38.6 24.3 36.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 122.02 ng/mL

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076728.D

Acq: 2 Jan 2015 17:17

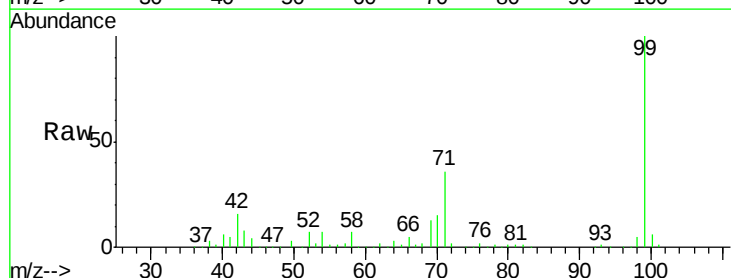
Tgt Ion: 99 Resp: 343059

Ion Ratio Lower Upper

99 100

42 16.0 11.6 17.4

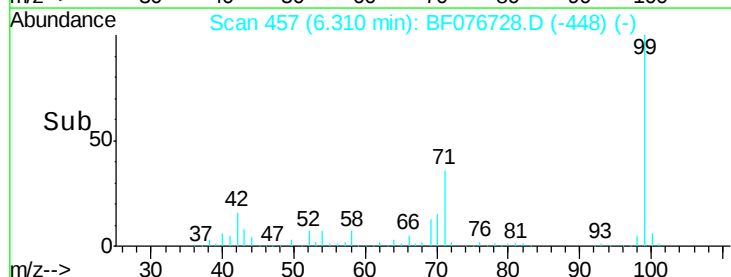
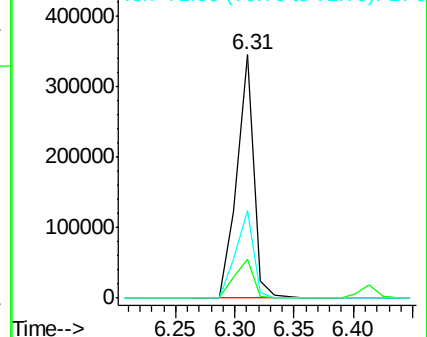
71 36.2 25.9 38.9

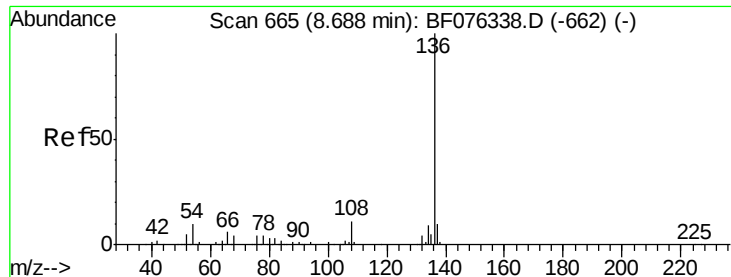


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

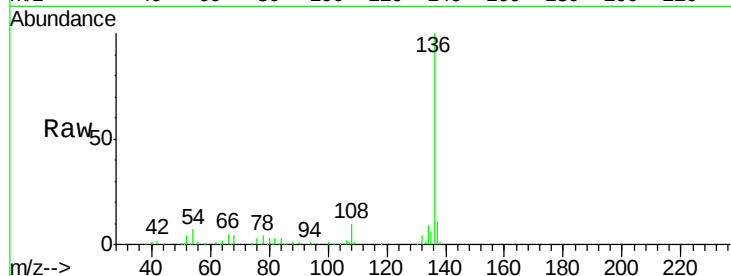




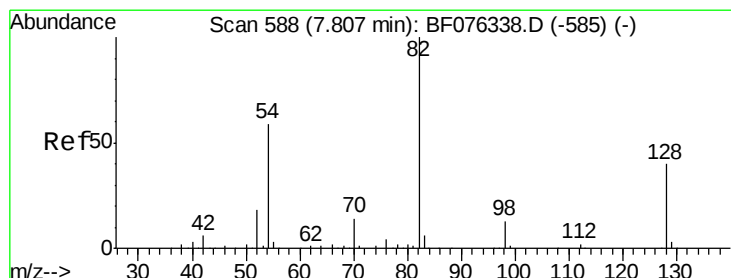
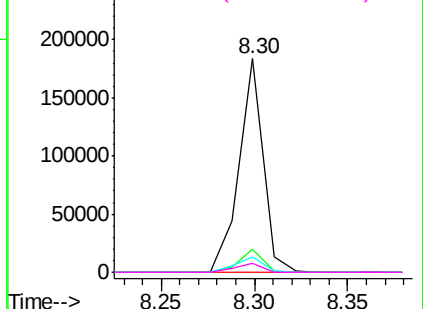
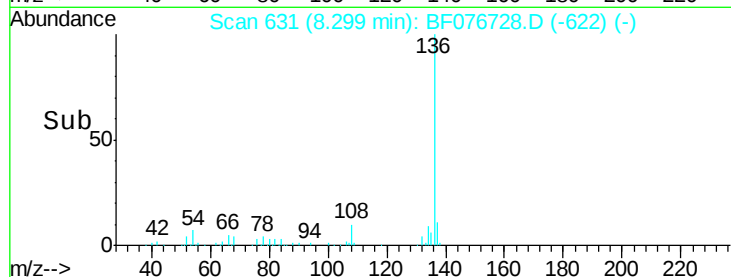
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:136	Resp:	165516
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	7.2	7.8 11.6#
68	4.5	3.4 5.2

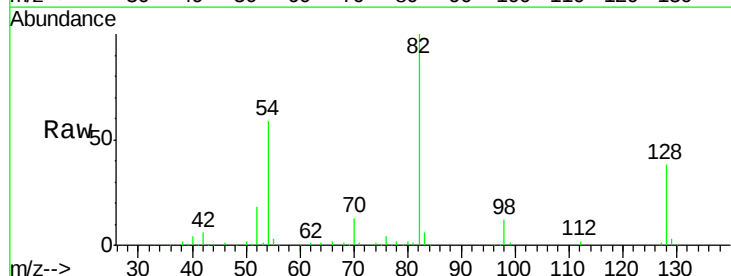


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

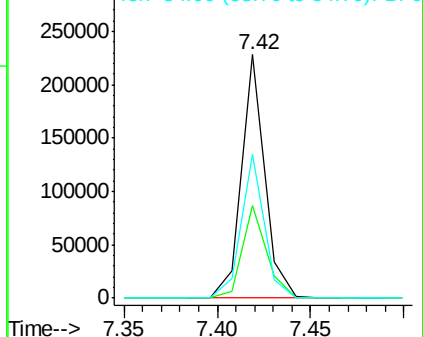
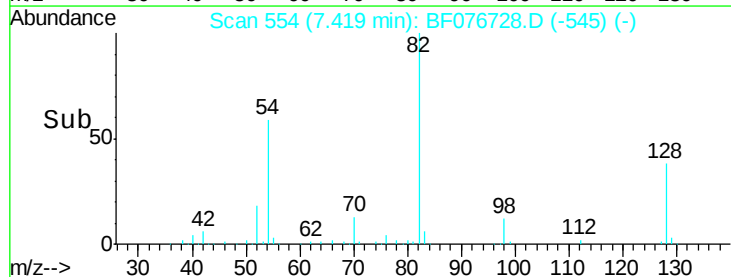


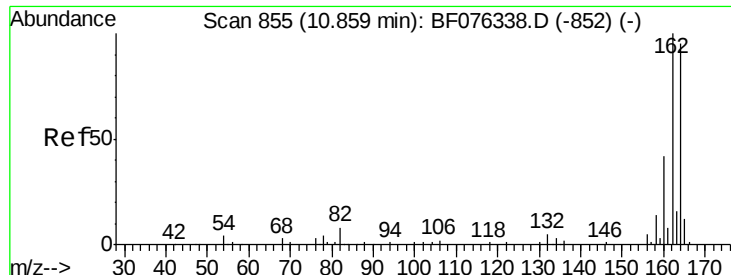
#23
Nitrobenzene-d5
Concen: 71.35 ng
RT: 7.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion: 82	Resp:	198566
Ion Ratio	Lower	Upper
82	100	
128	38.0	31.9 47.9
54	59.0	47.2 70.8



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: 10.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF076728.D

Acq: 2 Jan 2015 17:17

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2015-01

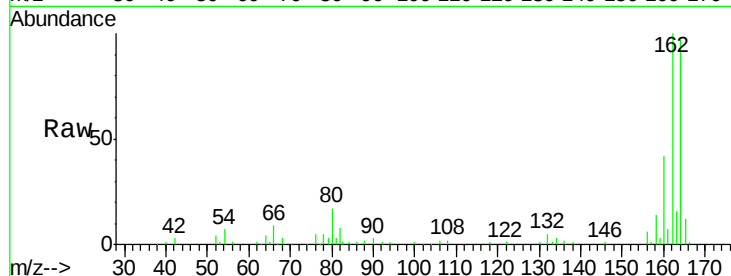
Tot Ion:164 Resp: 93073

Ion Ratio Lower Upper

164 100

162 102.8 84.2 126.2

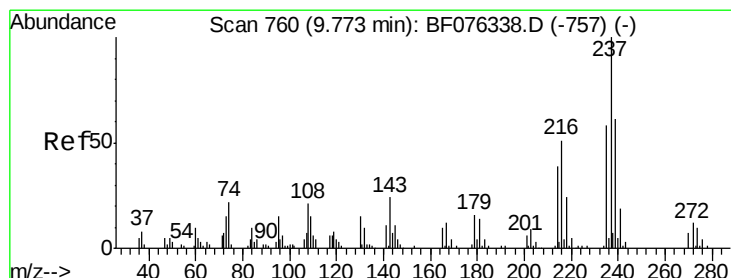
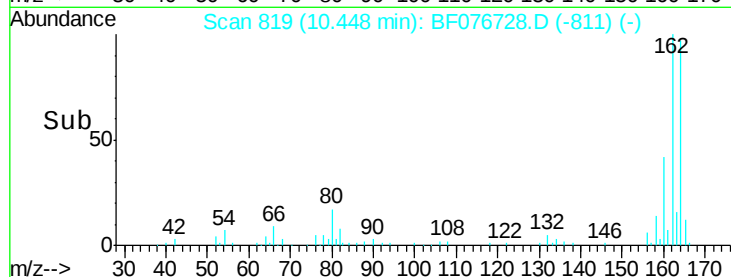
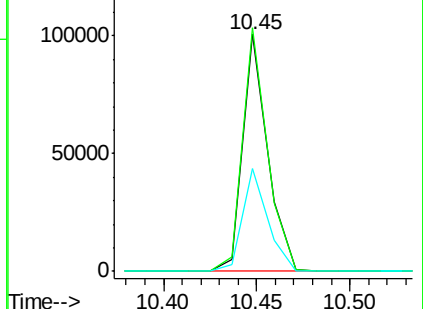
160 43.5 35.5 53.3



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: 8.02 ng

RT: 9.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF076728.D

Acq: 2 Jan 2015 17:17

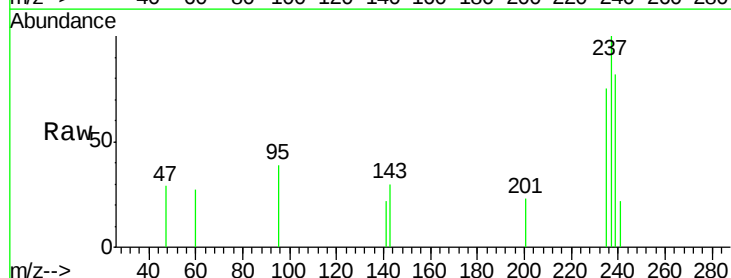
Tgt Ion:237 Resp: 1780

Ion Ratio Lower Upper

237 100

235 74.9 38.5 78.5

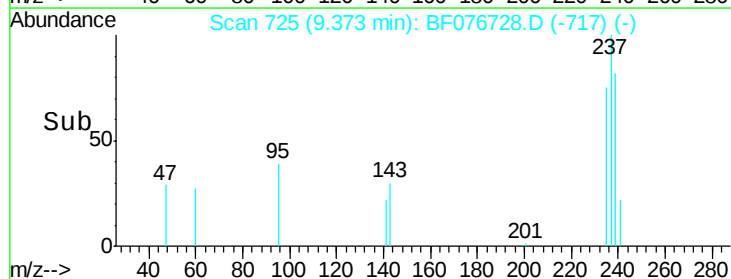
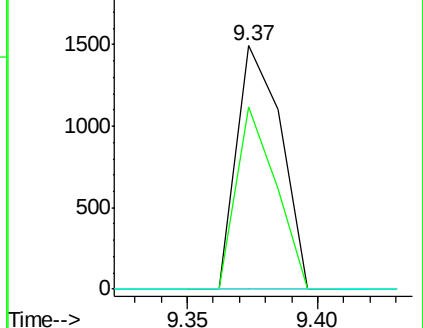
272 0.0 0.0 32.2

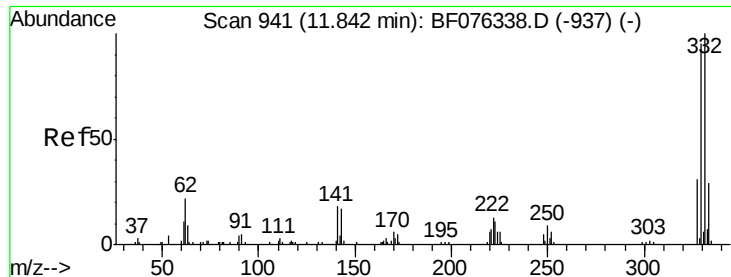


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

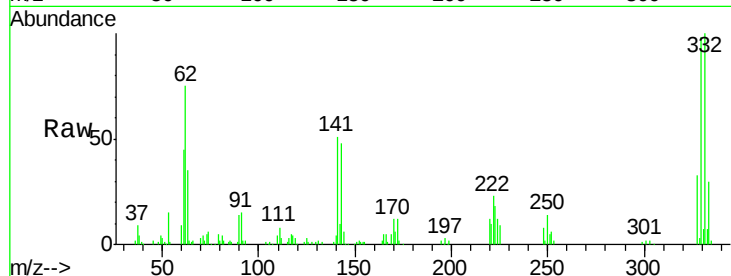




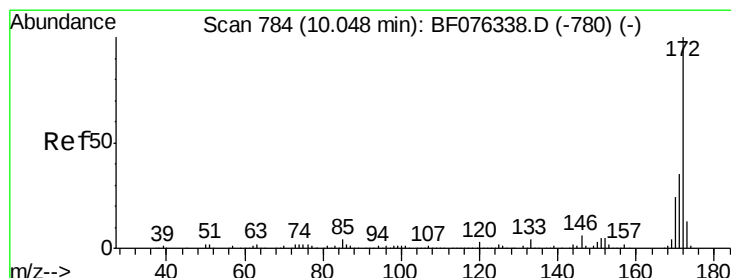
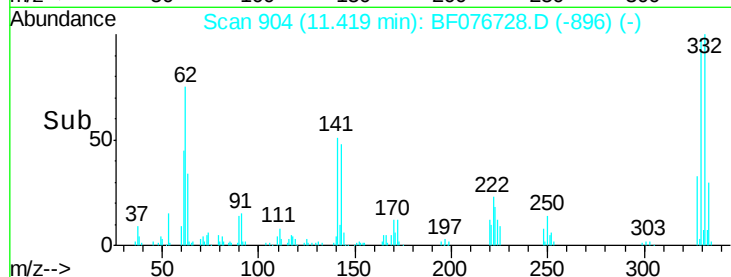
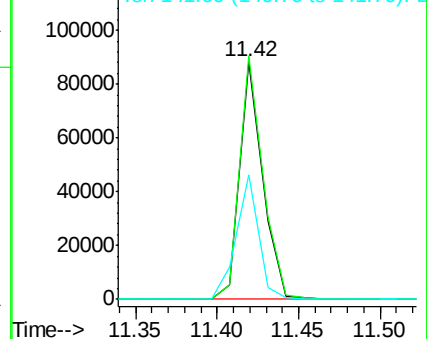
#41
 2,4,6-Tribromophenol
 Concen: 109.42 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076728.D
 Acq: 2 Jan 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.4	0.0	0.0#
141	50.6	0.0	0.0#

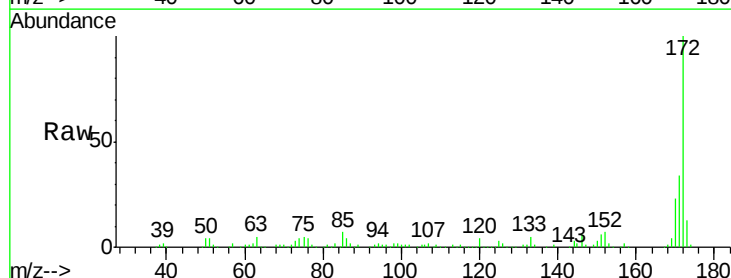


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

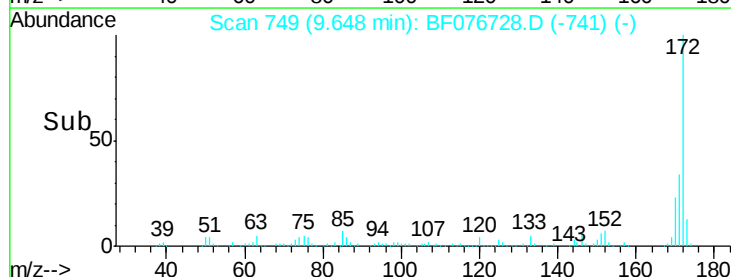
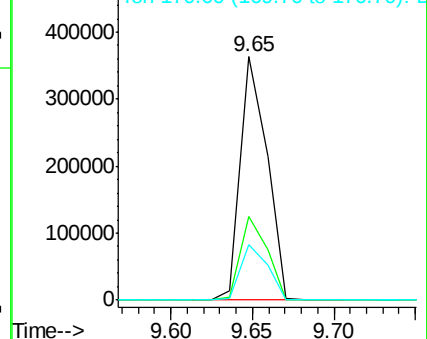


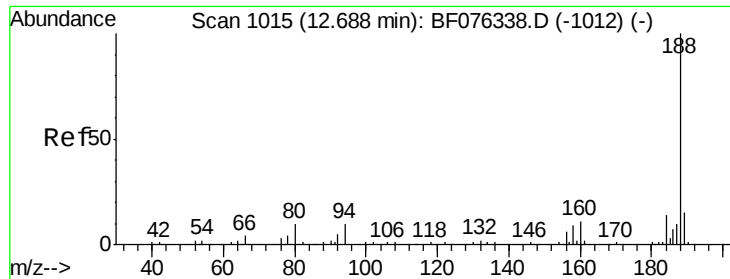
#44
 2-Fluorobiphenyl
 Concen: 68.34 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076728.D
 Acq: 2 Jan 2015 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.0	19.0	28.4



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

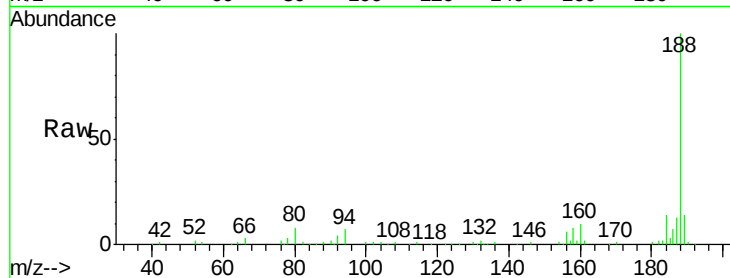




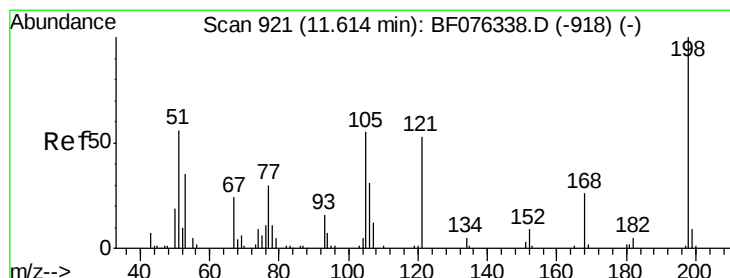
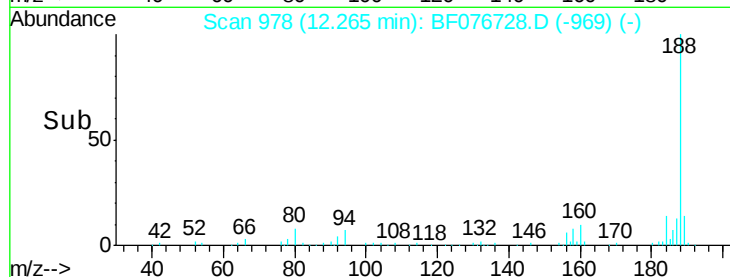
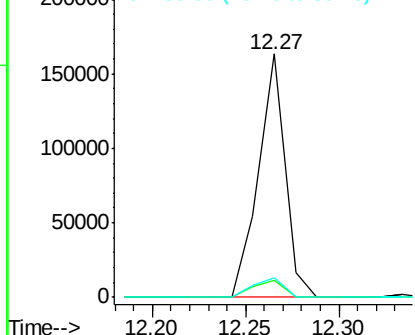
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tot Ion:188 Resp: 161556
Ion Ratio Lower Upper
188 100
94 7.2 7.9 11.9#
80 8.0 8.2 12.2#

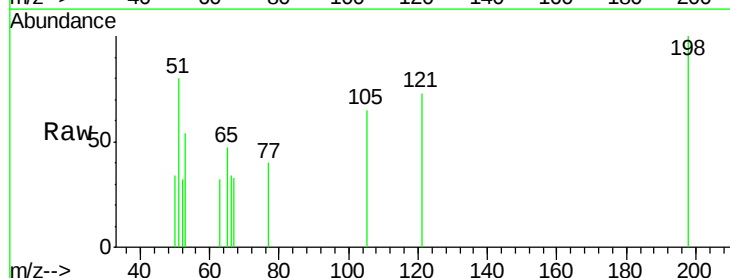


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

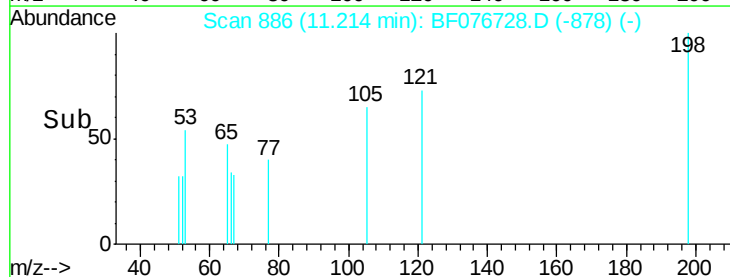
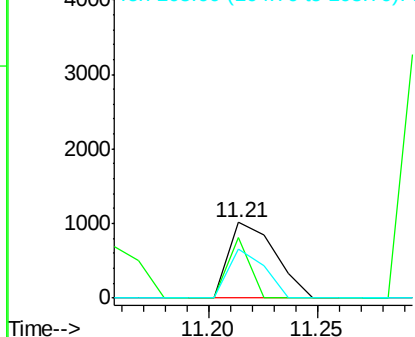


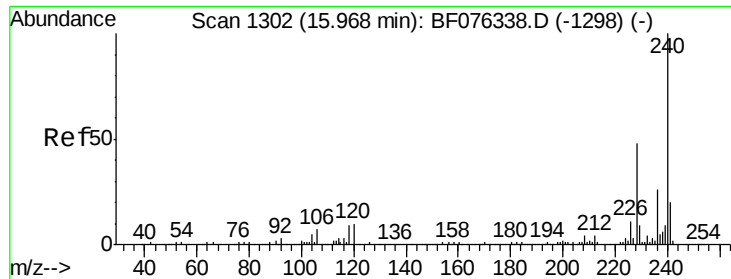
#64
4,6-Dinitro-2-methylphenol
Concen: 1.49 ng
RT: 11.21 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:198 Resp: 1501
Ion Ratio Lower Upper
198 100
51 79.9 45.3 85.3
105 64.8 36.3 76.3



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

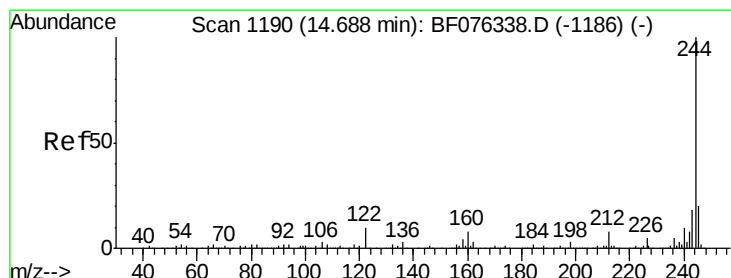
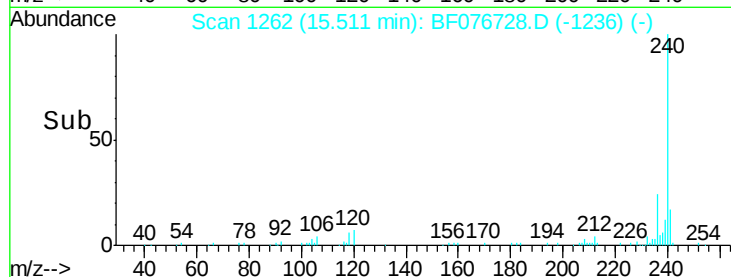
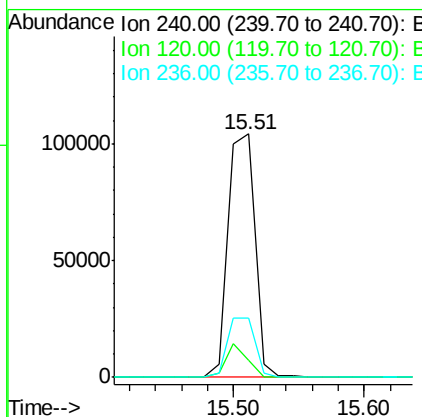
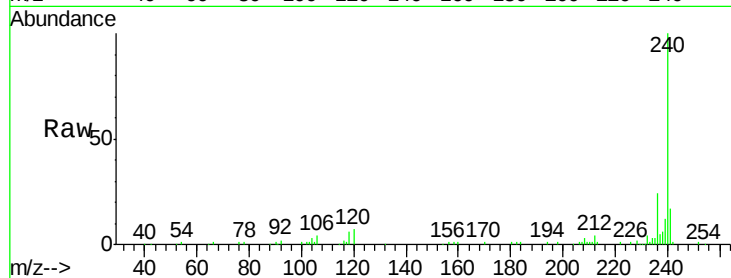




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF076728.D
 Acq: 2 Jan 2015 17:17

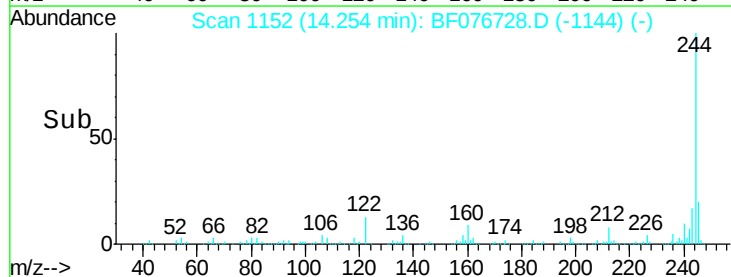
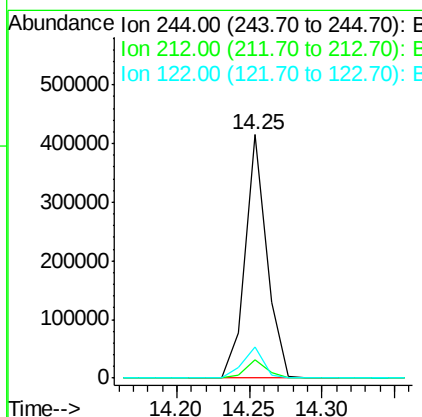
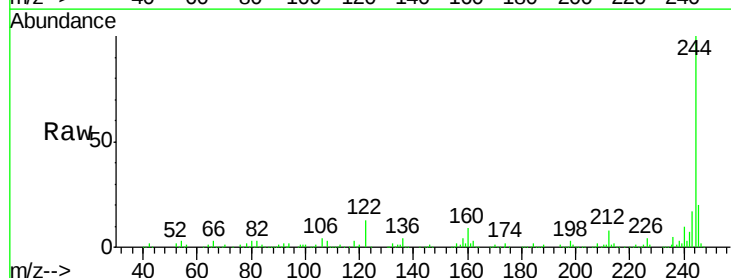
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

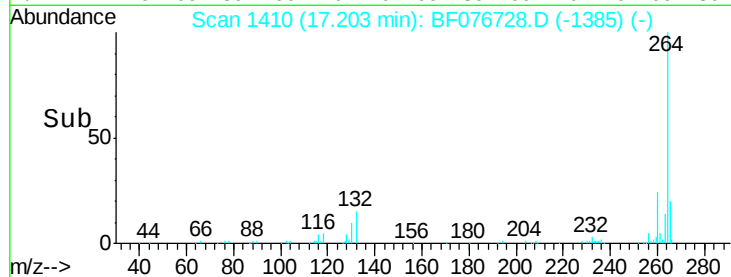
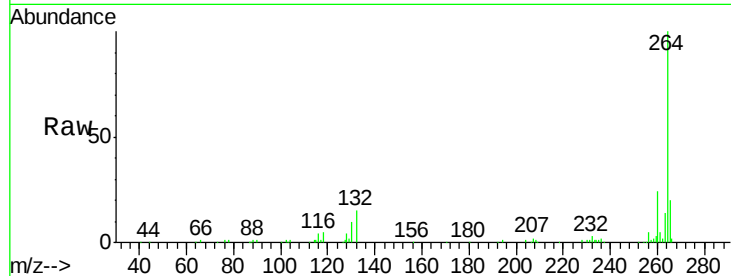
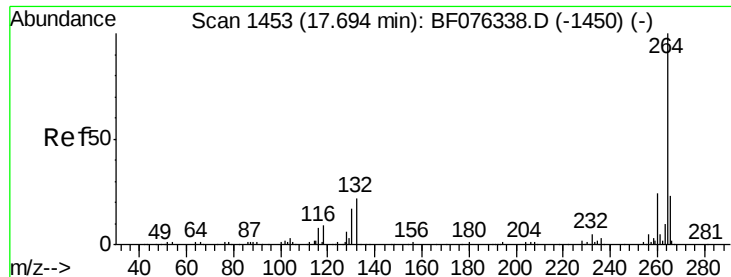
Tot Ion:240 Resp: 148782
 Ion Ratio Lower Upper
 240 100
 120 6.8 8.0 12.0#
 236 24.4 20.6 30.8



#78
 Terphenyl-d14
 Concen: 63.55 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076728.D
 Acq: 2 Jan 2015 17:17

Tgt Ion:244 Resp: 428641
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.9 8.2 12.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.20 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF076728.D
 Acq: 2 Jan 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:264	Resp:	135507
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.4 29.2
265	20.0	18.1 27.1

