

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106536.D
 Acq On : 18 Jun 2018 14:12
 Operator : JU/SJ
 Sample : J3502-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180367-SITE-WATER

Quant Time: Jun 19 01:06:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124775	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465970	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	217912	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	427986	20.00	ng	0.00
75) Chrysene-d12	14.15	240	304982	20.00	ng	0.00
86) Perylene-d12	15.70	264	242840	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	466062	63.22	ng	0.00
7) Phenol-d6	6.61	99	411586	44.19	ng	0.00
23) Nitrobenzene-d5	7.53	82	687523	86.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	303599	144.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1140696	97.18	ng	0.00
78) Terphenyl-d14	13.09	244	1236545	100.70	ng	0.00

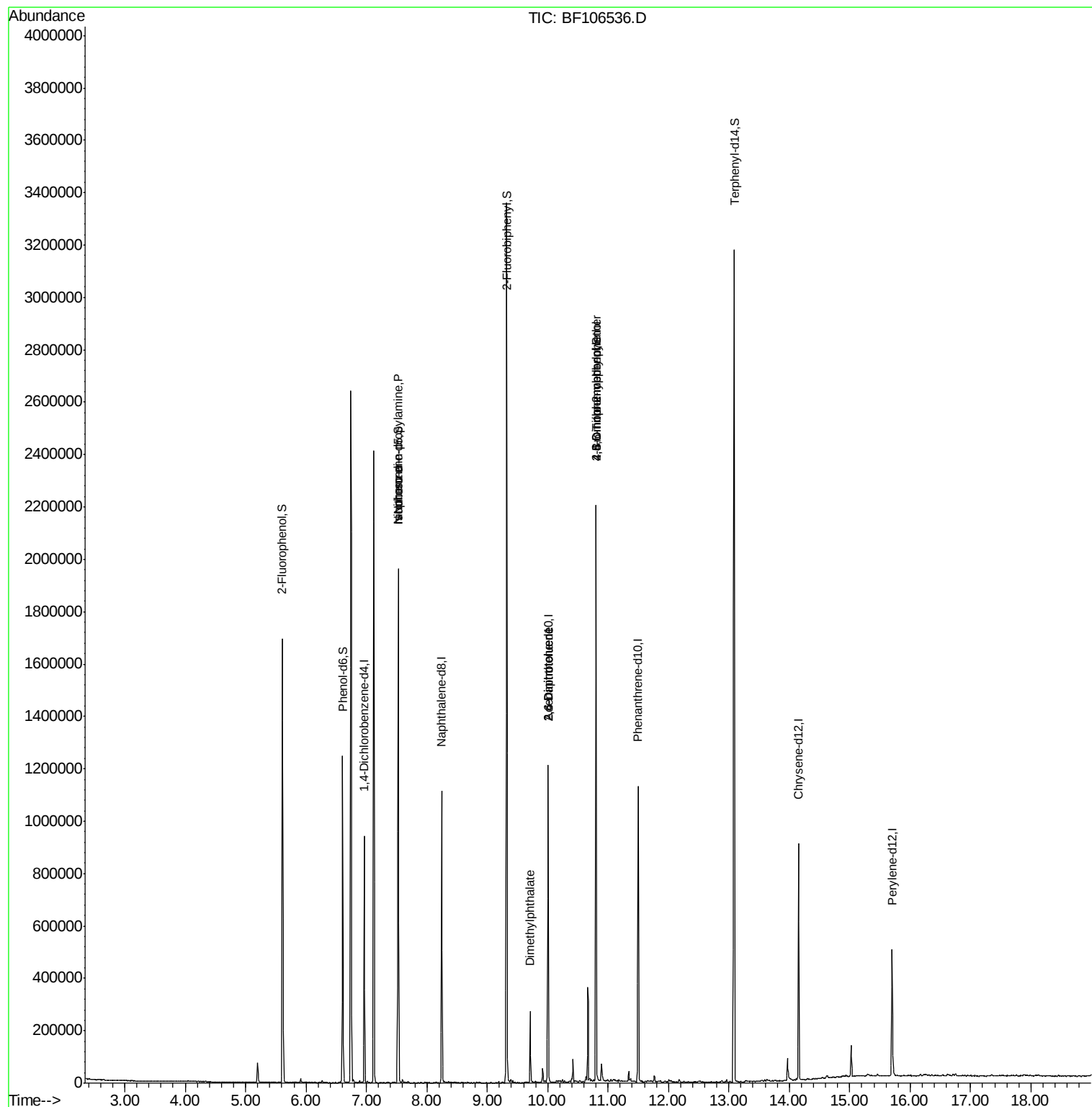
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	92021	13.169	ng	# 75
25) Isophorone	7.53	82	687515	44.438	ng	# 64
49) Dimethylphthalate	9.71	163	99395	6.384	ng	100
50) 2,6-Dinitrotoluene	10.01	165	27791	8.739	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	27791	6.959	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	779	6.588	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18862	3.875	ng	# 1

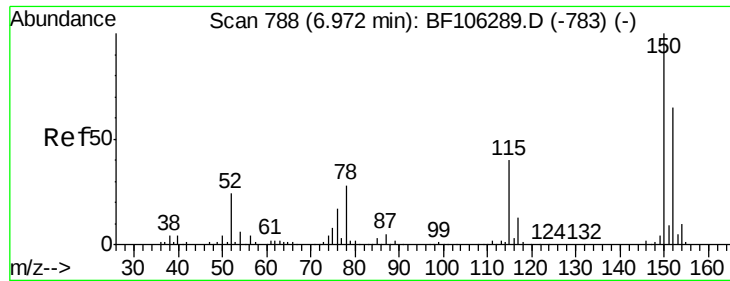
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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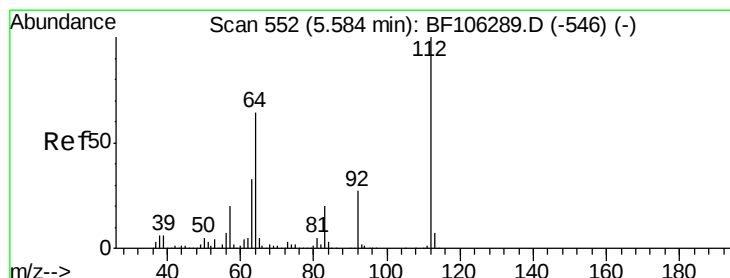
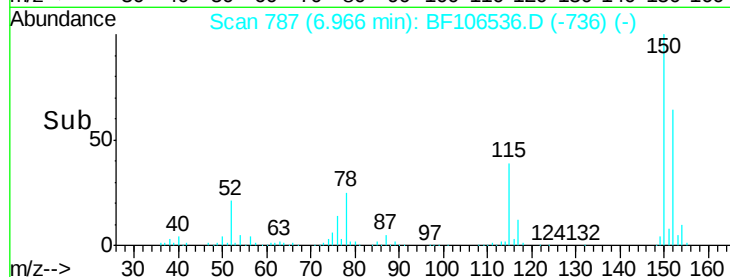
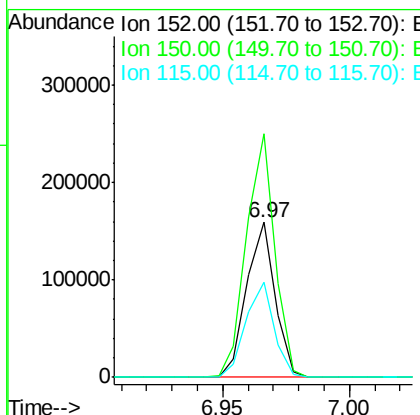
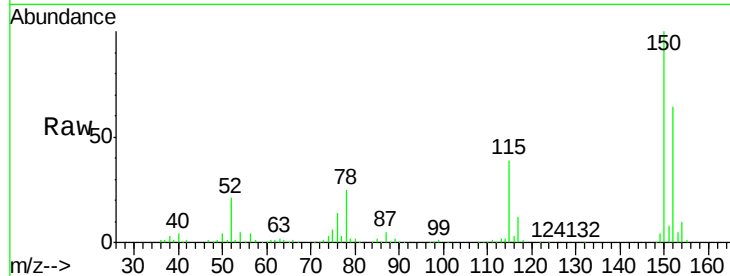




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

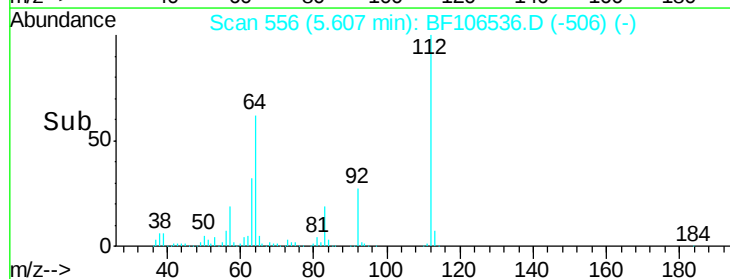
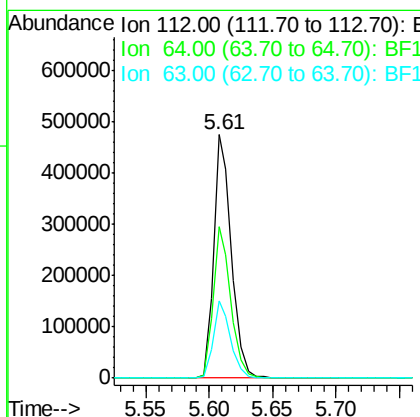
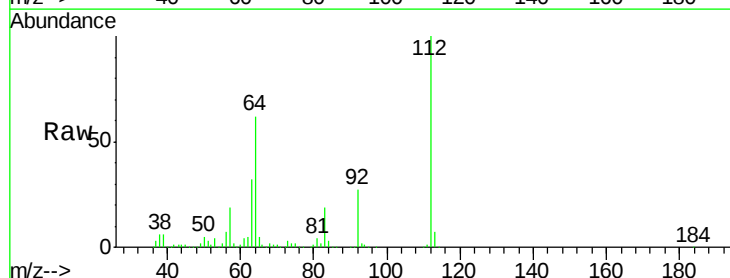
Instrument :
 BNA_F
 ClientSampleId :
 20180367-SITE-WATER

Tgt Ion:152 Resp: 124775
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 63.219 ng
 RT: 5.61 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

Tgt Ion:112 Resp: 466062
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 44.189 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

Instrument :

BNA_F

ClientSampleId :

20180367-SITE-WATER

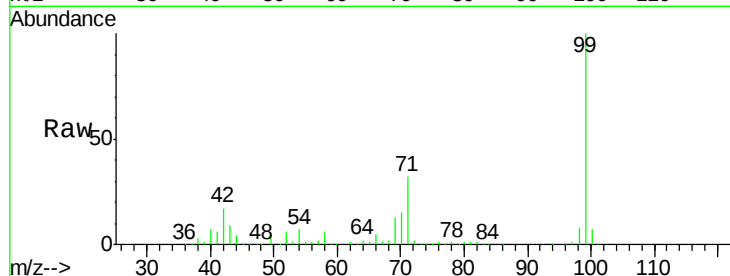
Tgt Ion: 99 Resp: 411586

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

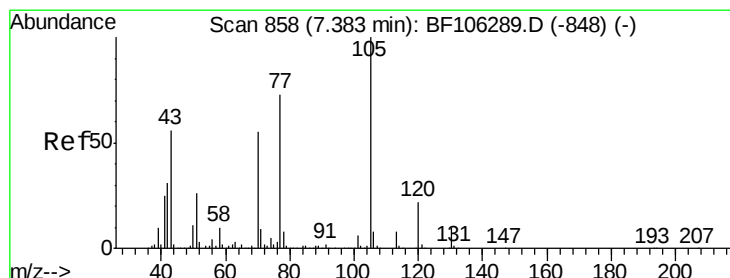
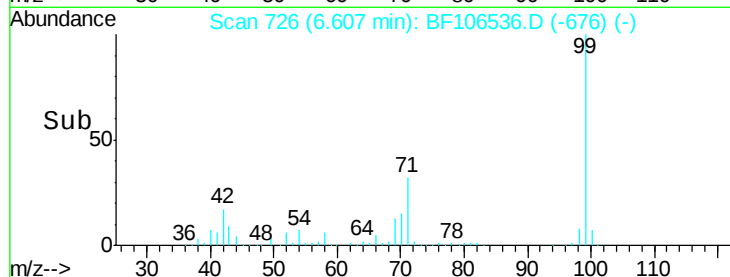
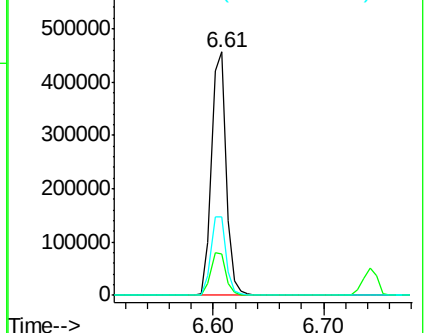
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.169 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

Tgt Ion: 70 Resp: 92021

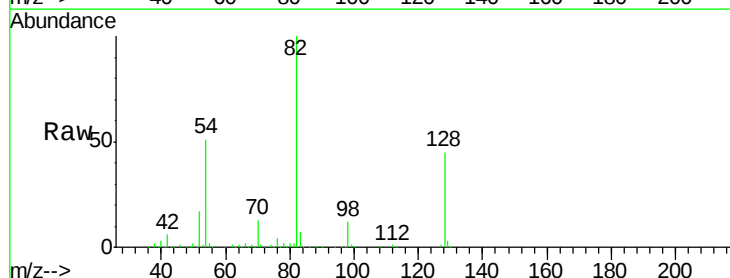
Ion Ratio Lower Upper

70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

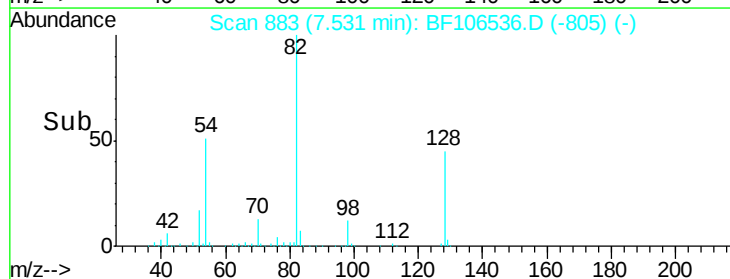
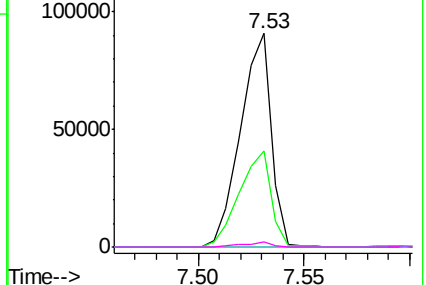


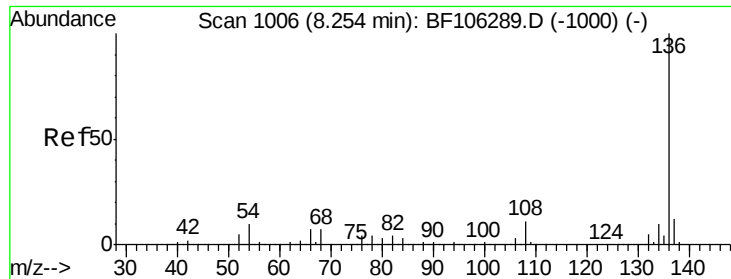
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

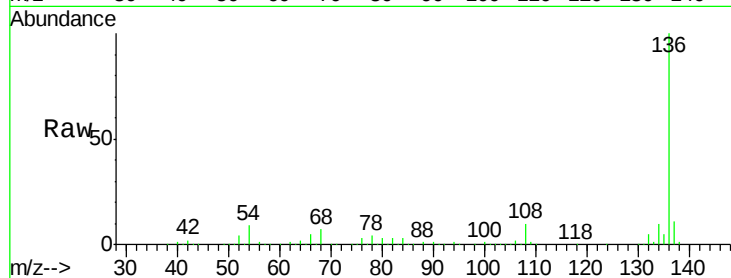




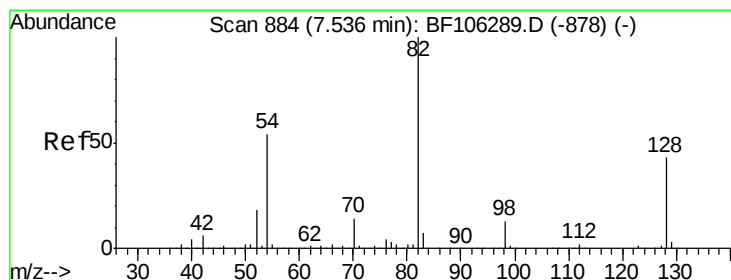
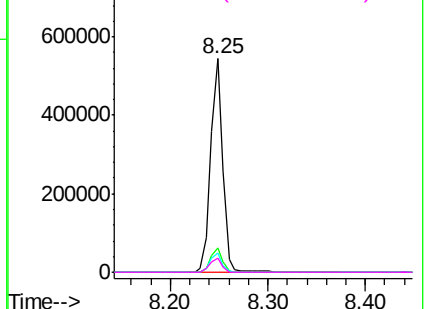
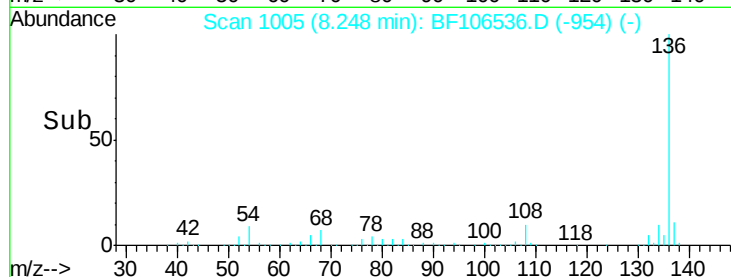
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion: 136 Resp: 465970
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.6 9.8
68 6.7 5.0 7.4

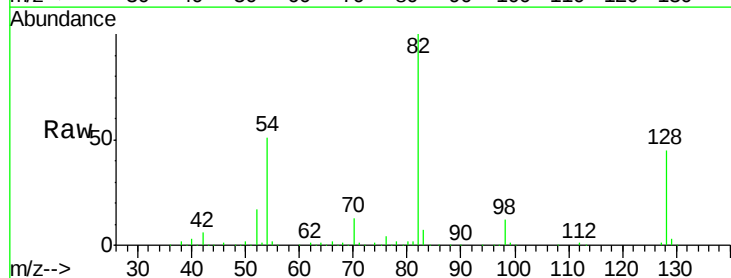


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

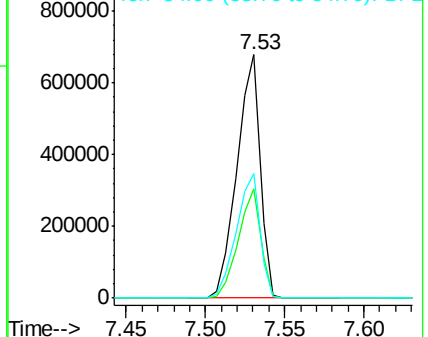
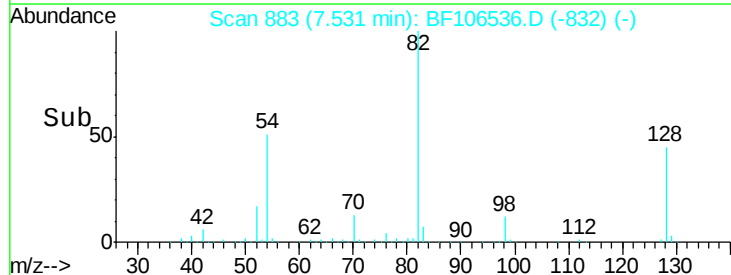


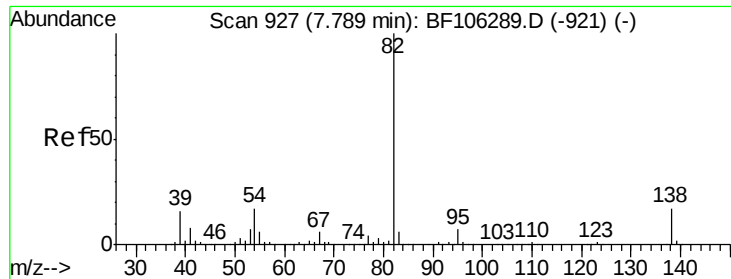
#23
Nitrobenzene-d5
Concen: 86.799 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion: 82 Resp: 687523
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 51.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.438 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

Instrument :

BNA_F

ClientSampleId :

20180367-SITE-WATER

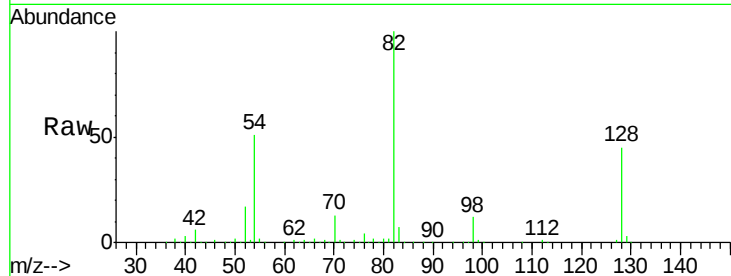
Tgt Ion: 82 Resp: 687515

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

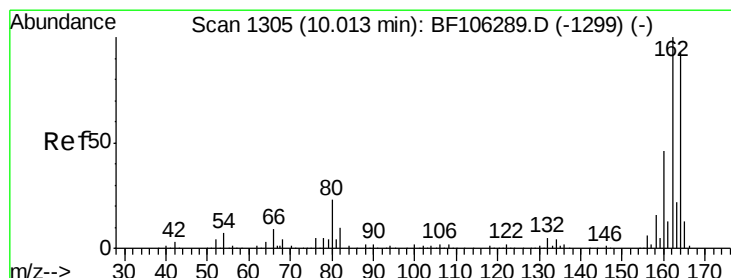
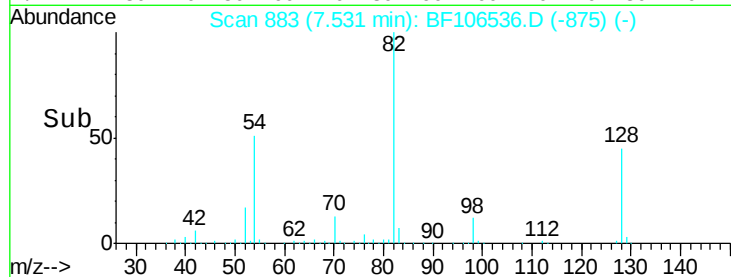
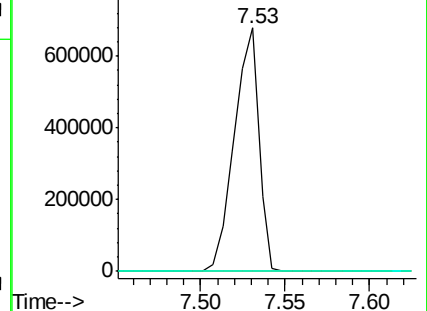
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

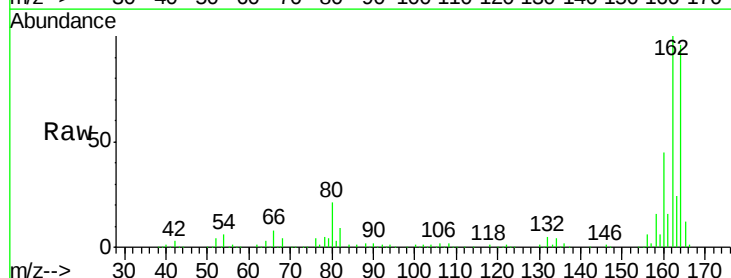
Tgt Ion: 164 Resp: 217912

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

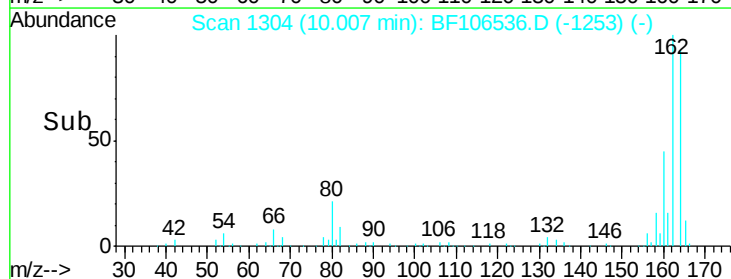
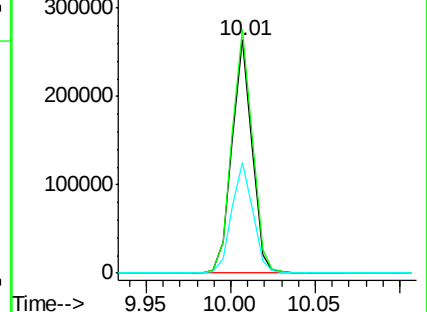
160 47.2 38.3 57.5

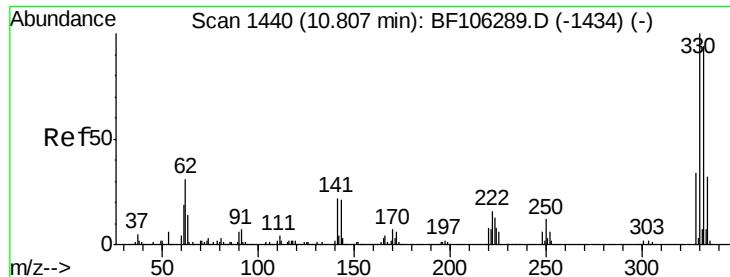


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

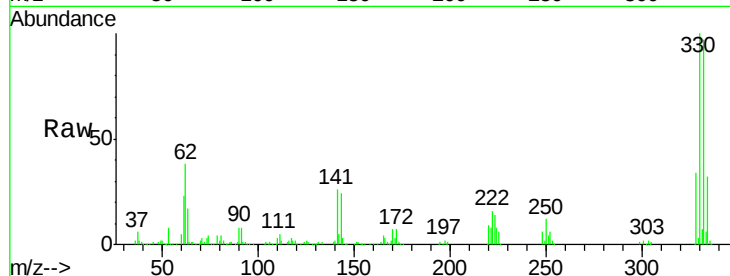




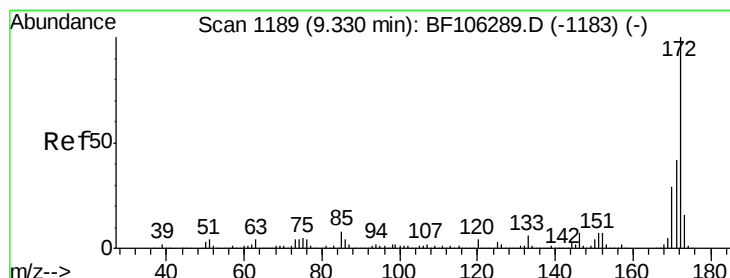
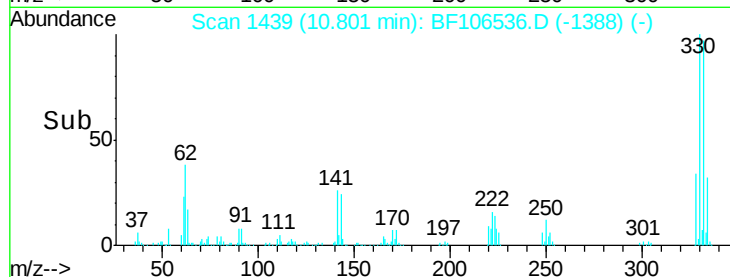
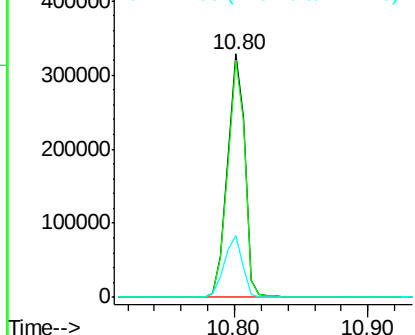
#41
 2,4,6-Tribromophenol
 Concen: 144.799 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

Instrument :
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 20180367-SITE-WATER

Tgt Ion:330 Resp: 303599
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 26.9 29.9 44.9#

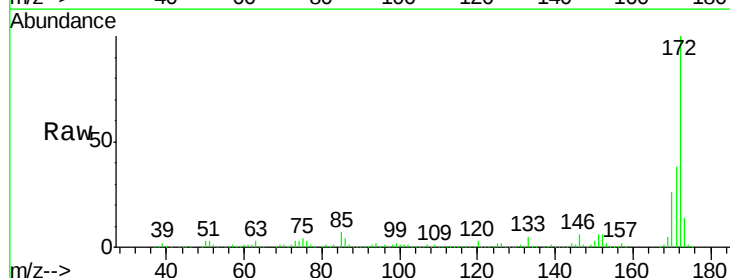


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

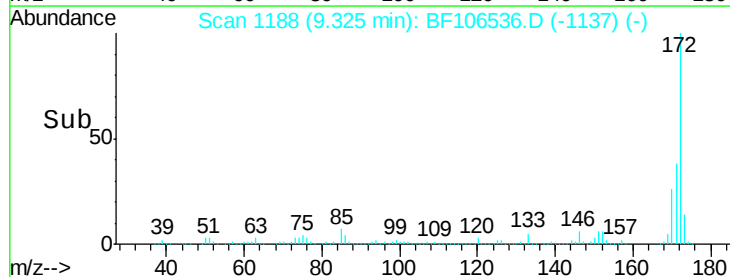
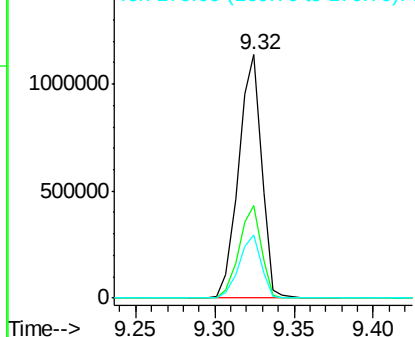


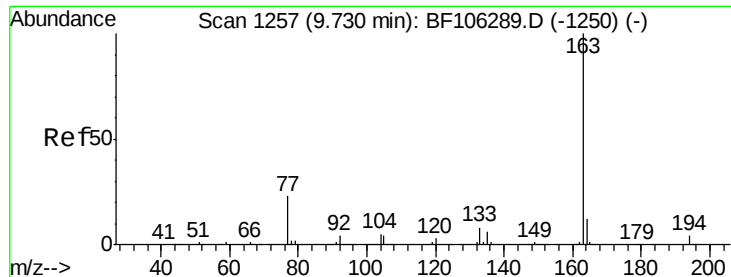
#44
 2-Fluorobiphenyl
 Concen: 97.180 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

Tgt Ion:172 Resp: 1140696
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 25.8 19.6 29.4



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

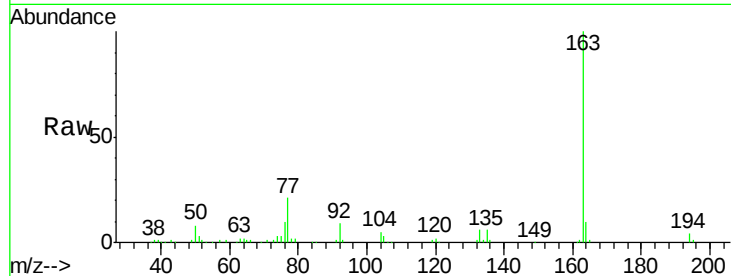




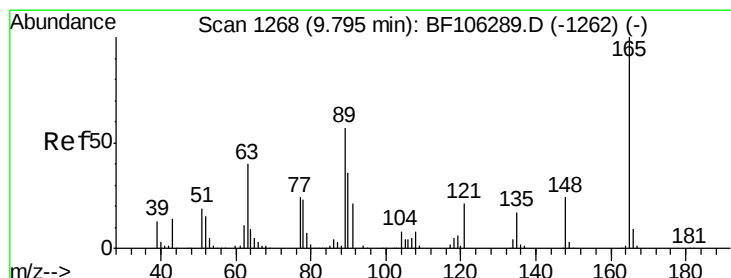
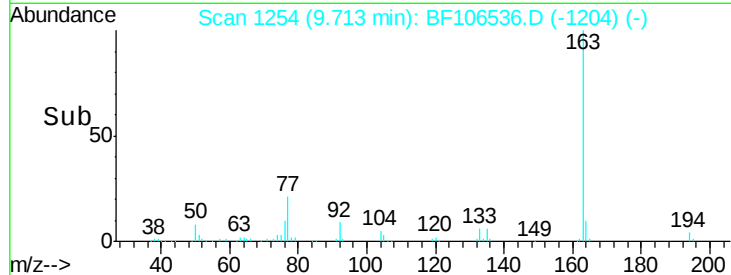
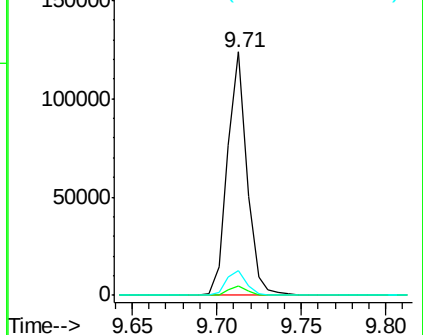
#49
Dimethylphthalate
Concen: 6.384 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:163 Resp: 99395
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

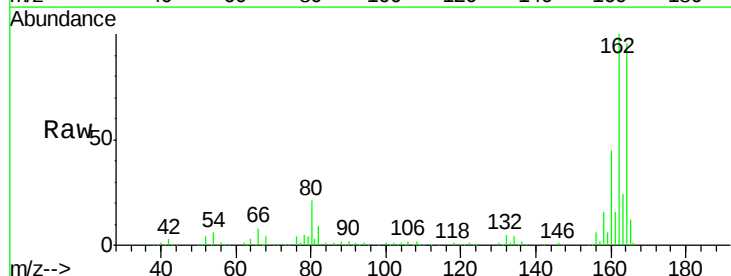


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

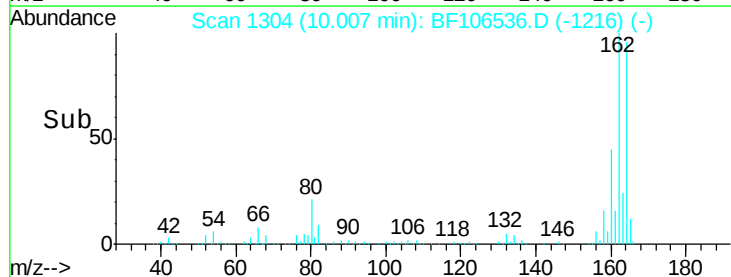
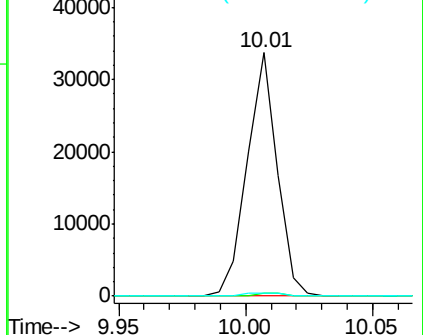


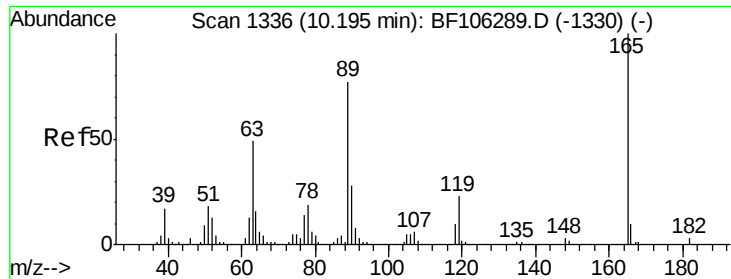
#50
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:165 Resp: 27791
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

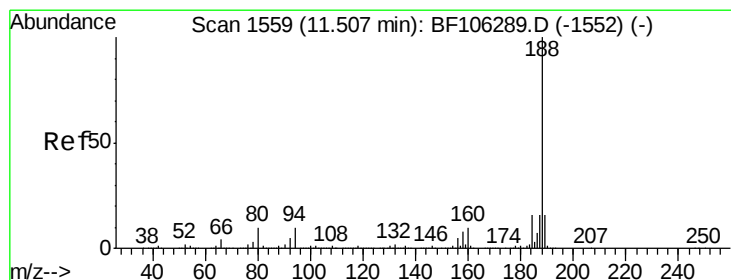
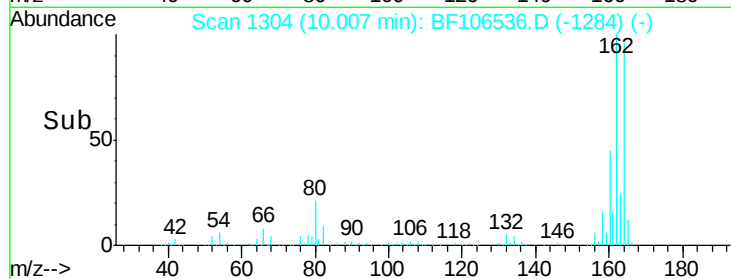
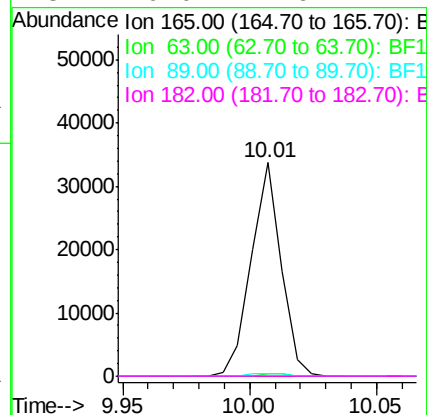
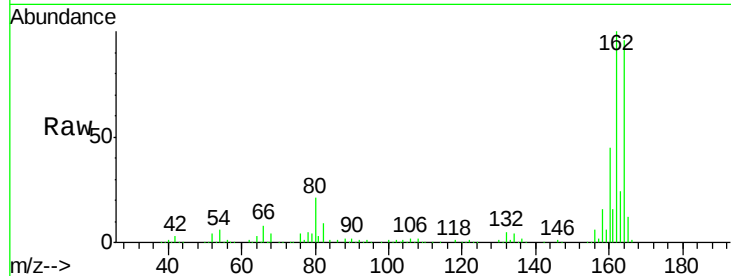




#56
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

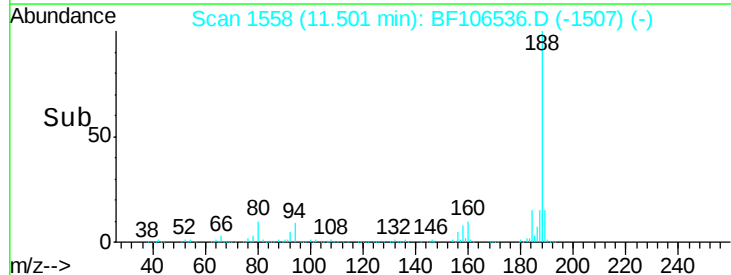
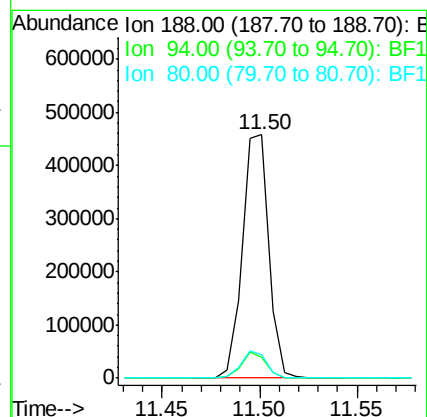
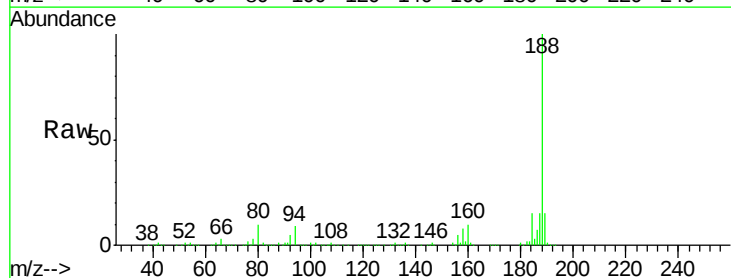
Instrument :
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ClientSampleId :
20180367-SITE-WATER

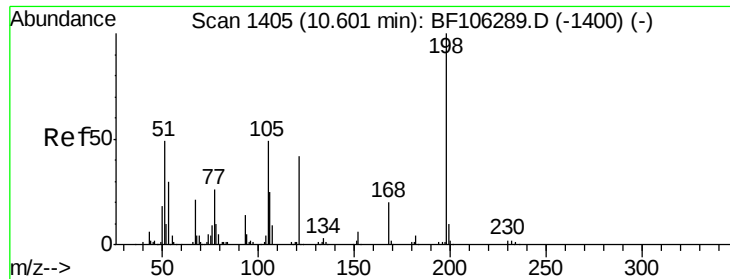
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8

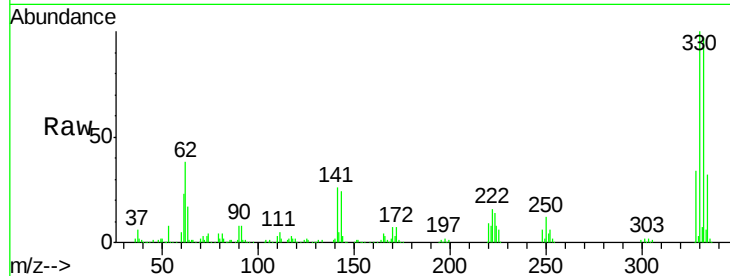




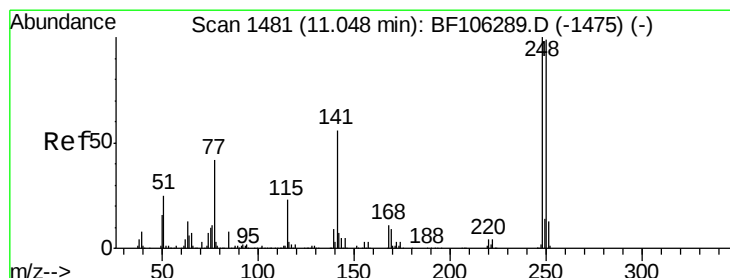
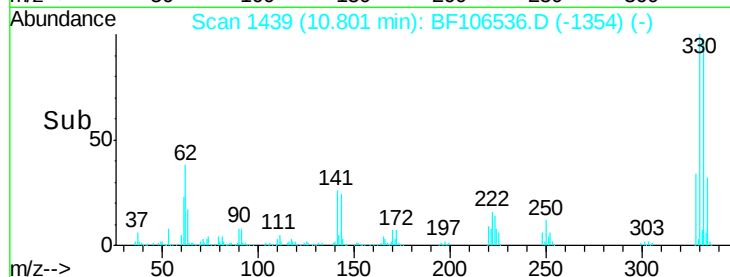
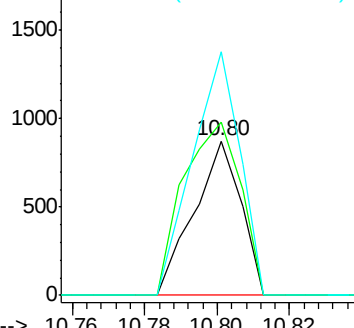
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.588 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 20180367-SITE-WATER

Tgt Ion:198 Resp: 779
 Ion Ratio Lower Upper
 198 100
 51 112.4 37.7 77.7#
 105 157.8 36.3 76.3#

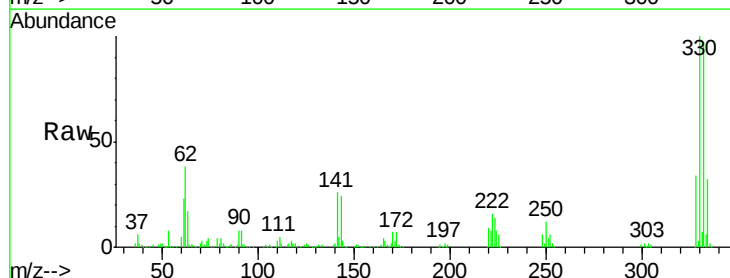


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

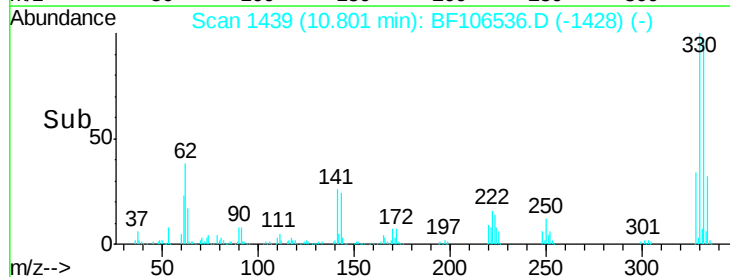
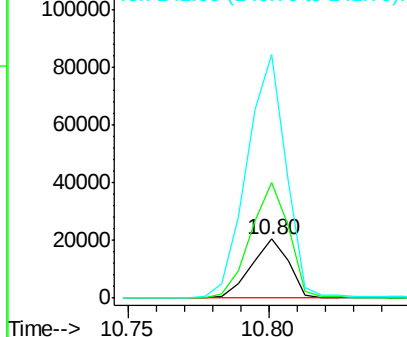


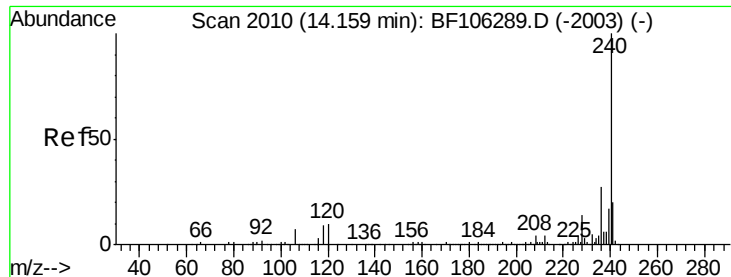
#66
 4-Bromophenyl-phenylether
 Concen: 3.875 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106536.D
 Acq: 18 Jun 2018 14:12

Tgt Ion:248 Resp: 18862
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.9 115.3#
 141 411.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

Instrument :

BNA_F

ClientSampleId :

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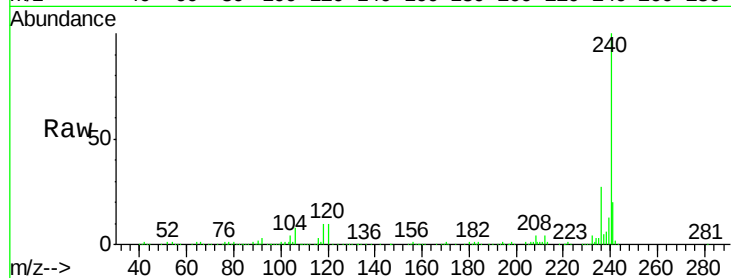
Tgt Ion:240 Resp: 304982

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

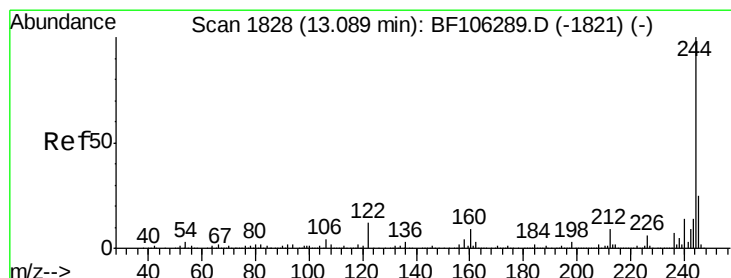
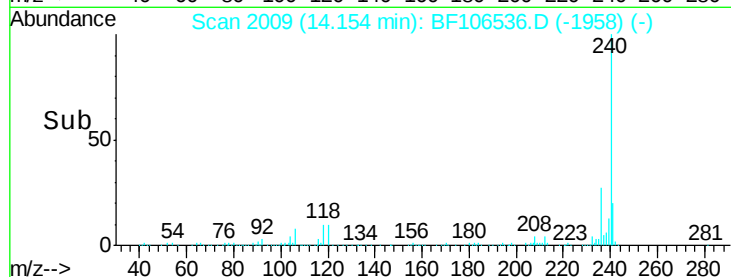
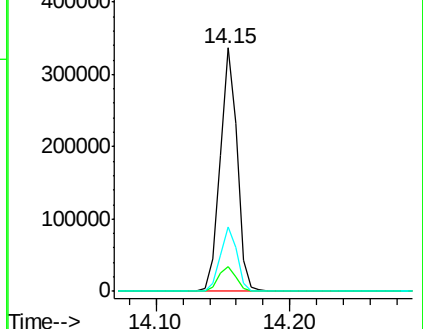
236 26.5 20.7 31.1



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: 100.705 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106536.D

Acq: 18 Jun 2018 14:12

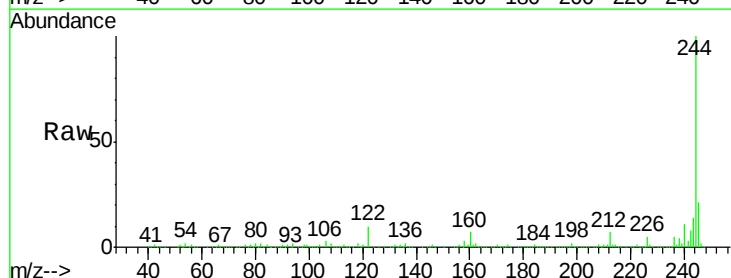
Tgt Ion:244 Resp: 1236545

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

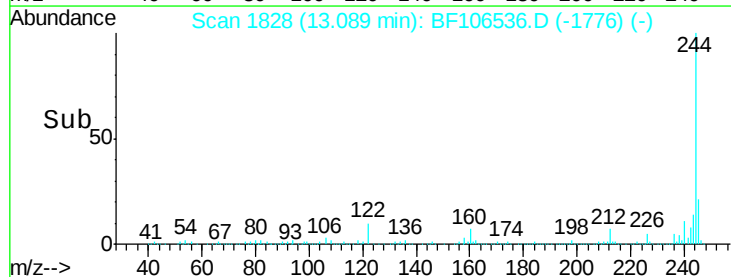
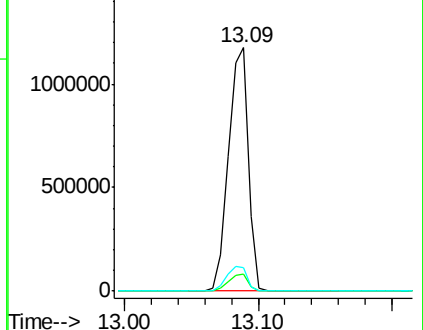
122 9.5 11.0 16.4#

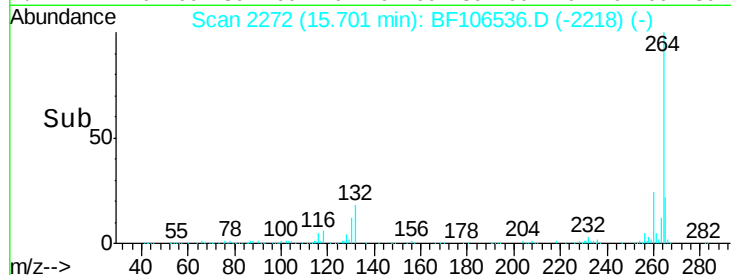
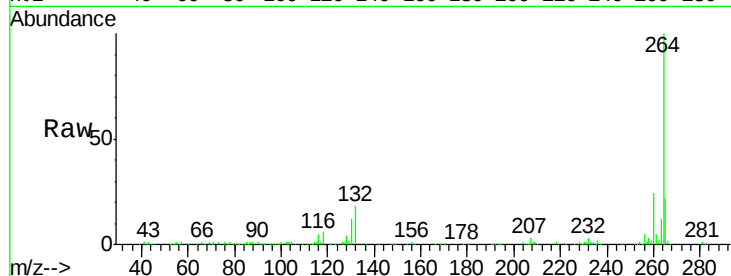
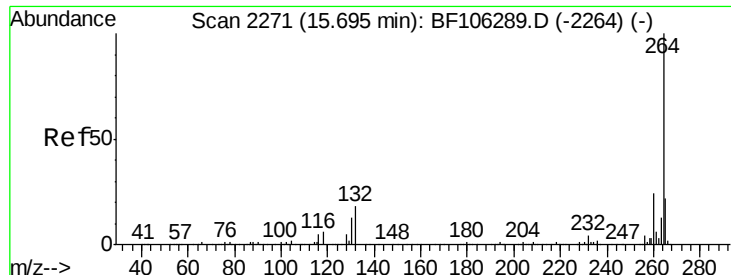


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:	264	Resp:	242840
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

