

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113327.D
 Acq On : 27 Mar 2019 13:28
 Operator : JU/SJ
 Sample : K2105-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-WATER

Quant Time: Mar 28 01:05:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

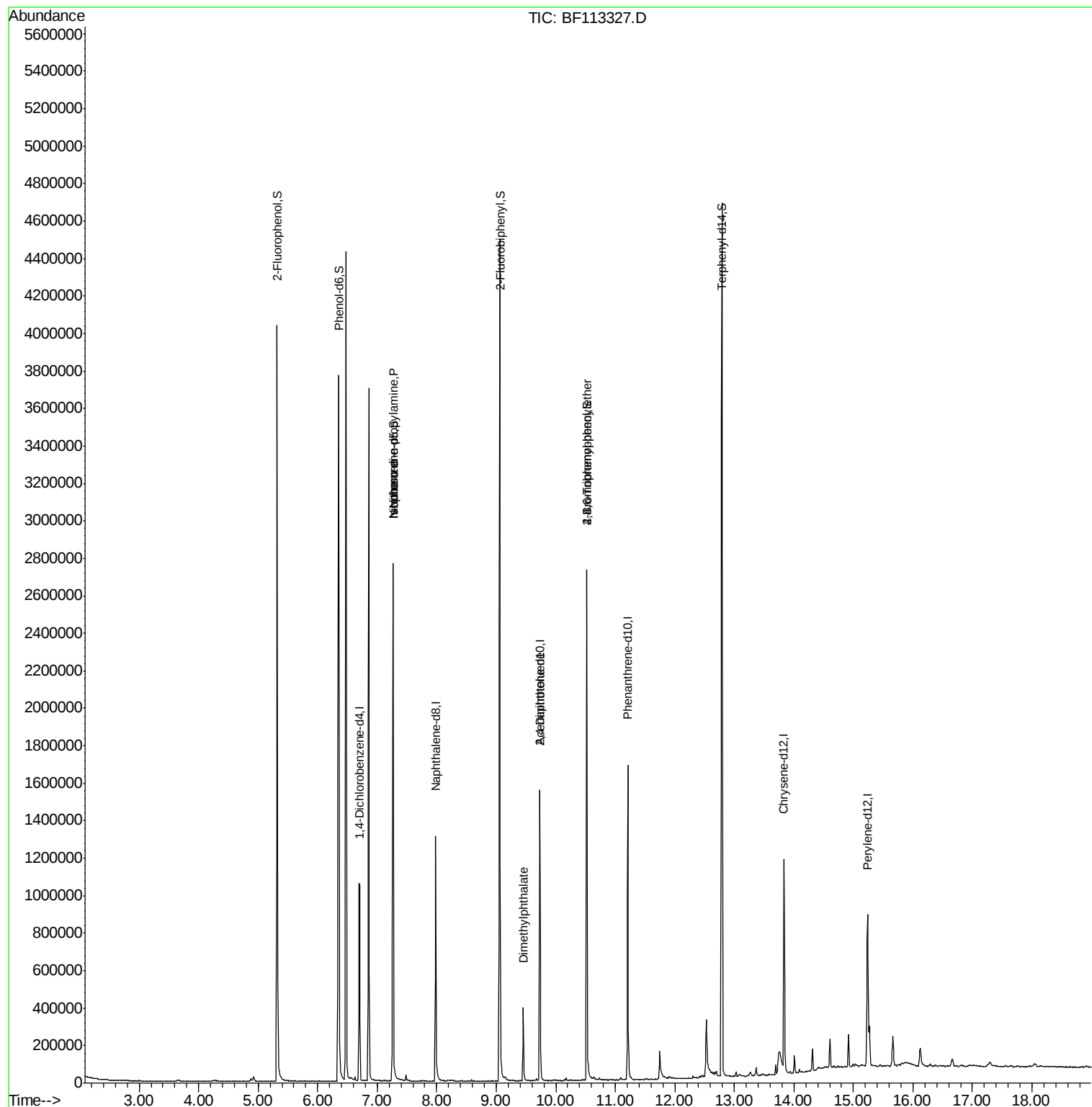
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177576	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	662116	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	322213	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	655226	20.00	ng	0.00
76) Chrysene-d12	13.83	240	449324	20.00	ng	-0.01
87) Perylene-d12	15.24	264	413179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1325037	122.01	ng	0.00
7) Phenol-d6	6.36	99	1749129	127.31	ng	0.00
23) Nitrobenzene-d5	7.27	82	1080915	96.90	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	416923	104.75	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1752061	85.29	ng	0.00
79) Terphenyl-d14	12.79	244	1793232	87.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	141752	16.426	ng	Qvalue # 75
25) Isophorone	7.27	82	1065380	49.281	ng	# 64
50) Dimethylphthalate	9.45	163	182615	7.648	ng	100
57) 2,4-Dinitrotoluene	9.73	165	41497	6.057	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22898	3.206	ng	# 1

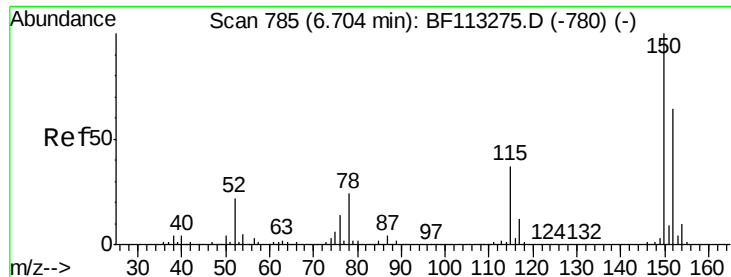
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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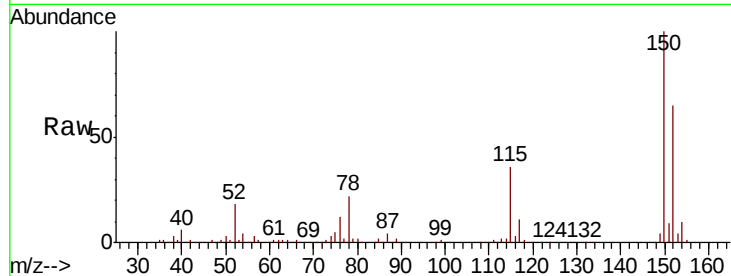




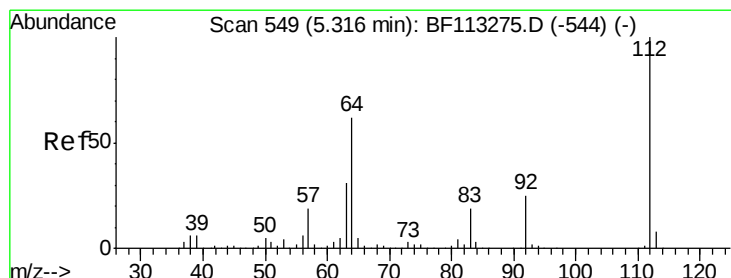
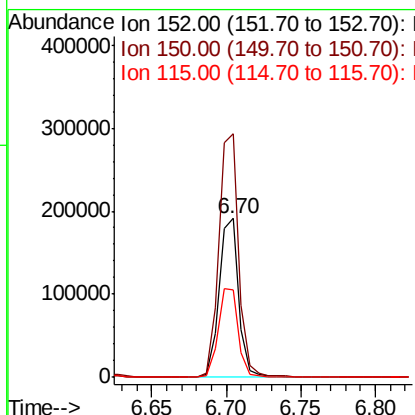
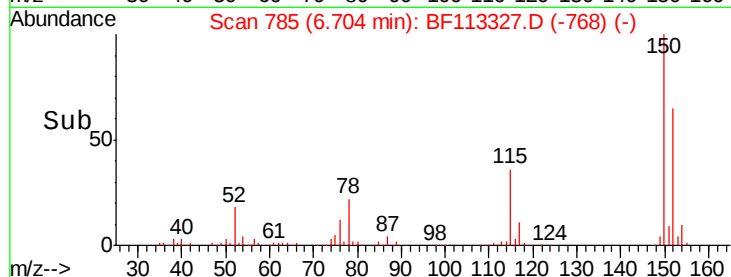
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :
 NJ-WATER

Tgt Ion:152 Resp: 177576
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.7 187.1
 115 54.7 46.0 69.0

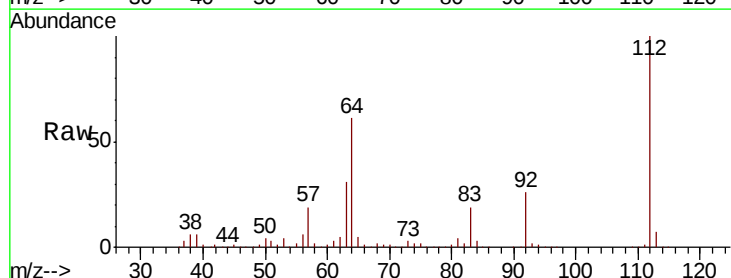


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

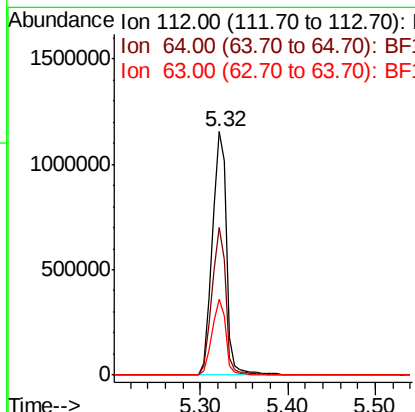
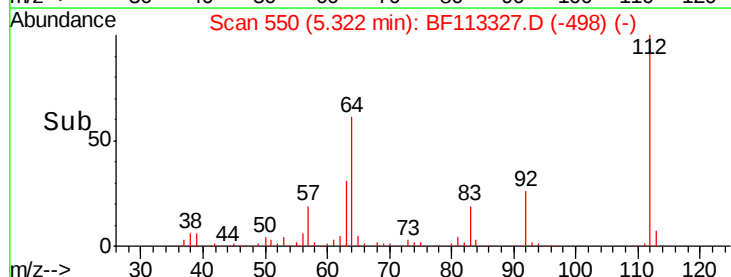


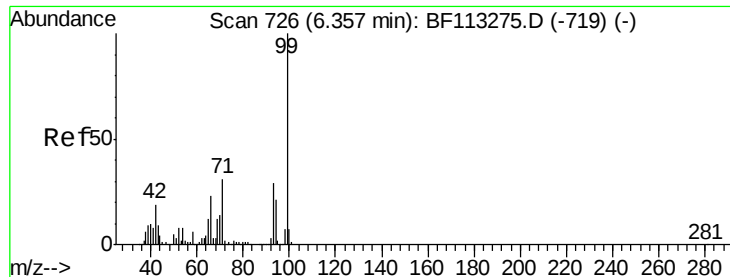
#5
 2-Fluorophenol
 Concen: 122.009 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Tgt Ion:112 Resp: 1325037
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.2 73.8
 63 31.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.315 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113327.D

Acq: 27 Mar 2019 13:28

Instrument :

BNA_F

ClientSampleId :

NJ-WATER

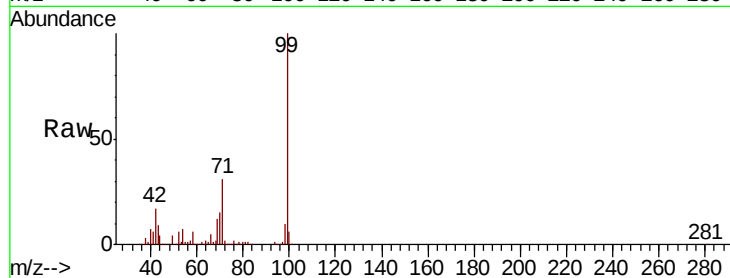
Tgt Ion: 99 Resp: 1749129

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

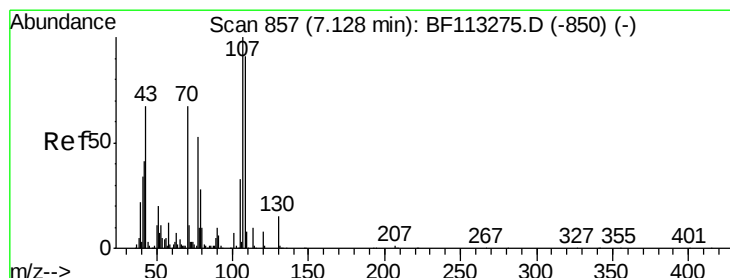
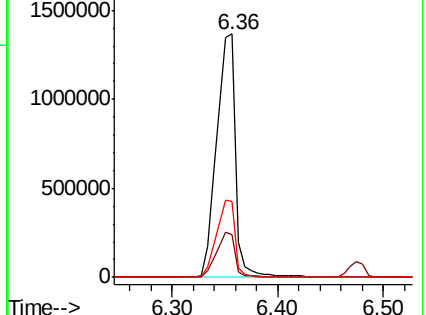
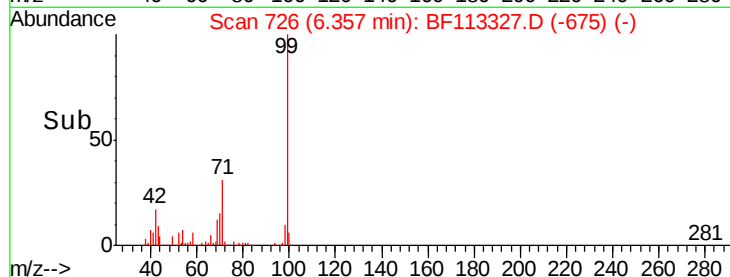
71 31.3 24.9 37.3



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: 16.426 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113327.D

Acq: 27 Mar 2019 13:28

Tgt Ion: 70 Resp: 141752

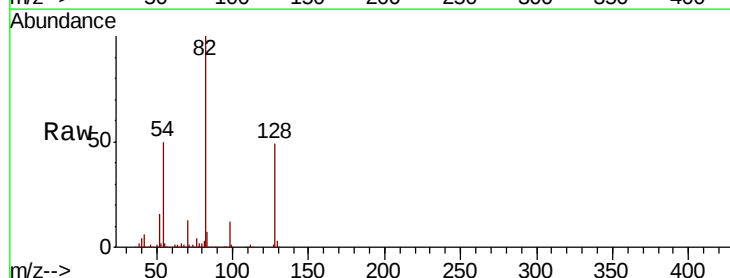
Ion Ratio Lower Upper

70 100

42 46.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

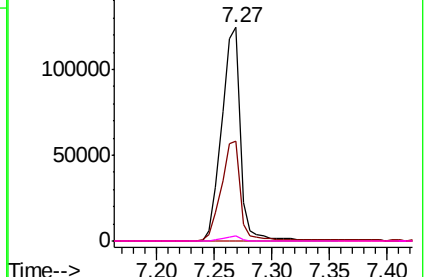
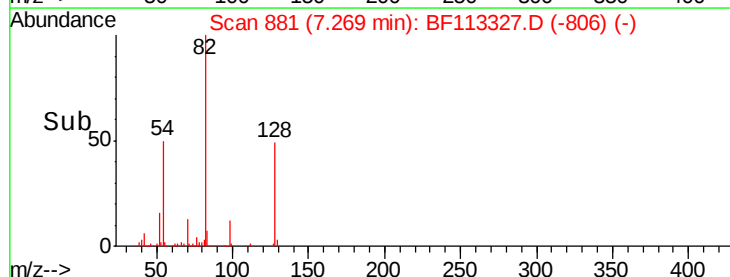


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

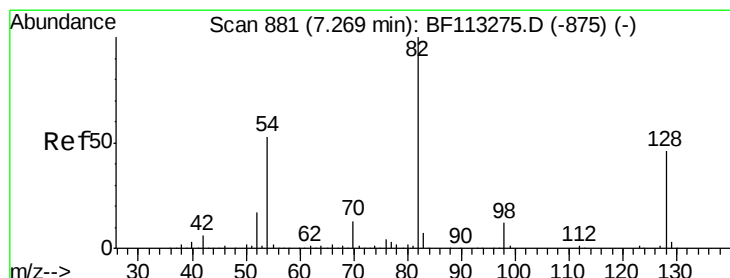
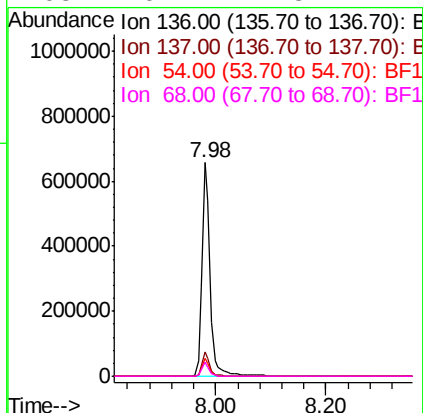
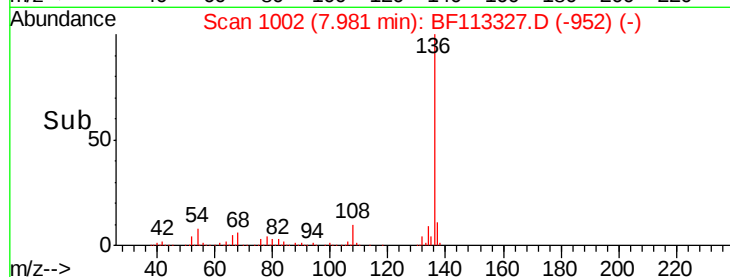
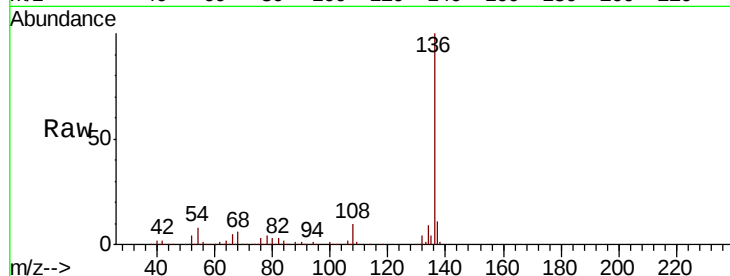




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113327.D
Acq: 27 Mar 2019 13:28

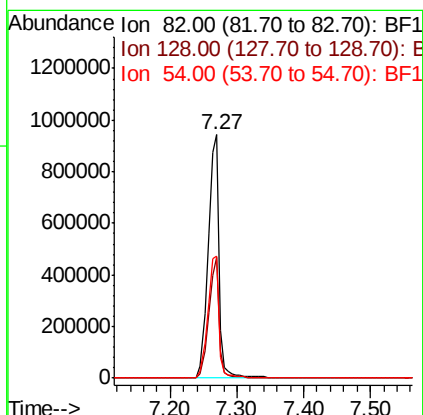
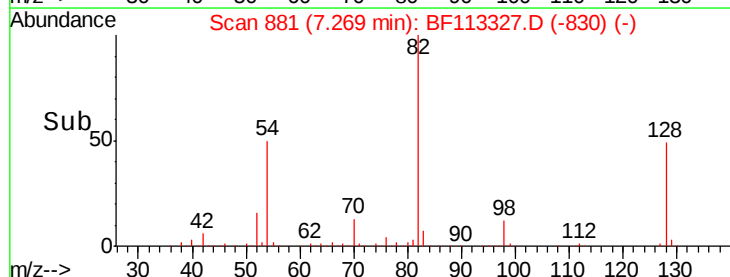
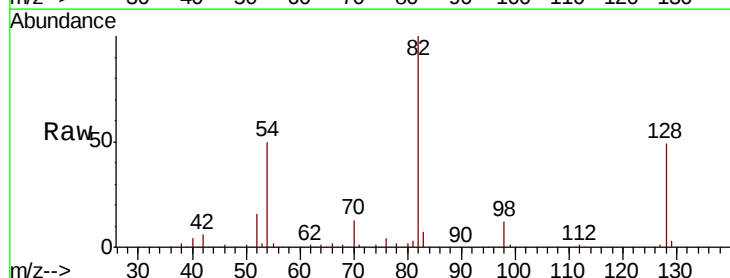
Instrument :
BNA_F
ClientSampleId :
NJ-WATER

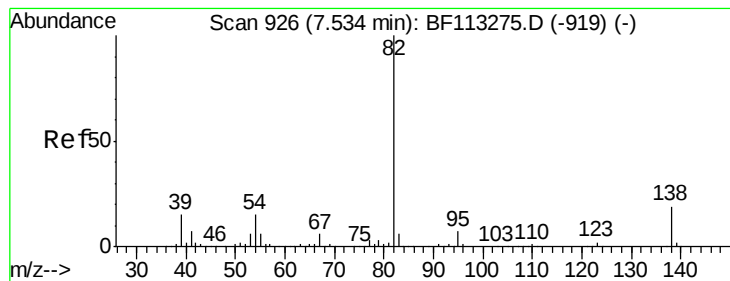
Tgt Ion:	136	Resp:	662116
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.0	10.6
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.896 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113327.D
Acq: 27 Mar 2019 13:28

Tgt Ion:	82	Resp:	1080915
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.5	54.7
54	50.0	42.2	63.2





#25

Isophorone

Concen: 49.281 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113327.D

Acq: 27 Mar 2019 13:28

Instrument :

BNA_F

ClientSampleId :

NJ-WATER

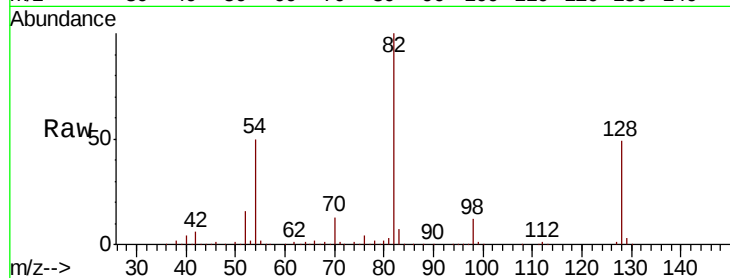
Tgt Ion: 82 Resp: 1065380

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

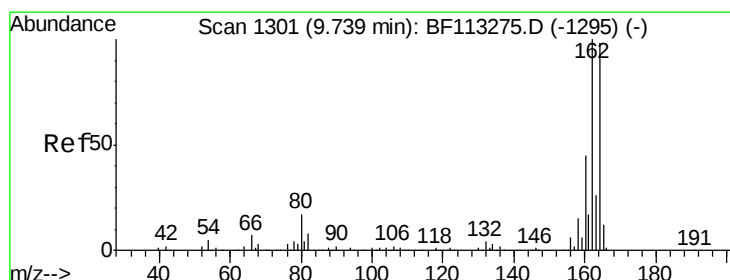
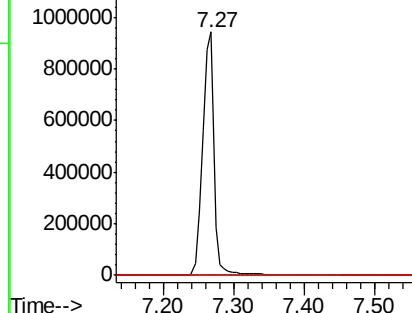
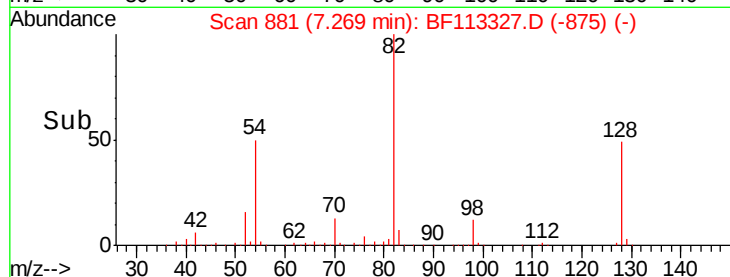
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113327.D

Acq: 27 Mar 2019 13:28

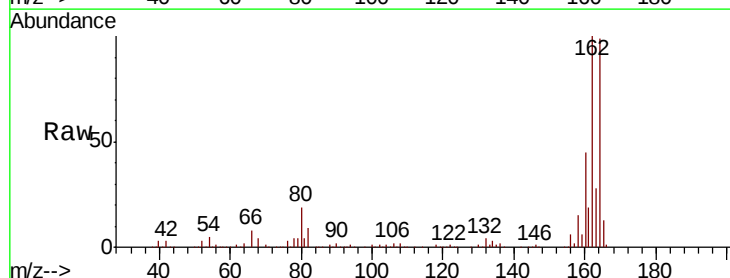
Tgt Ion: 164 Resp: 322213

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

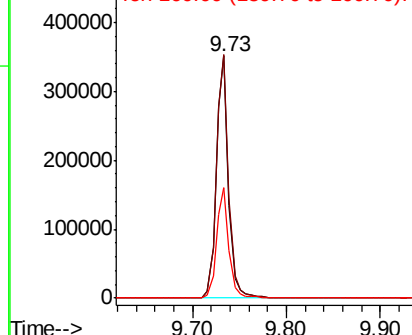
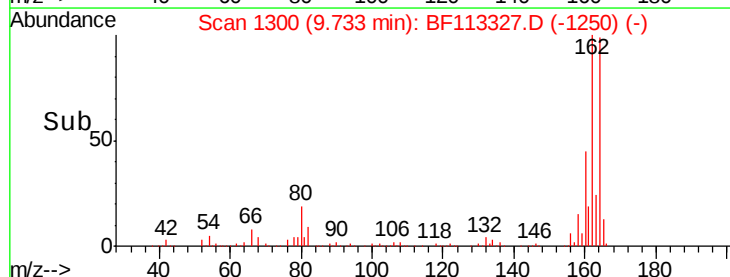
160 45.7 36.4 54.6

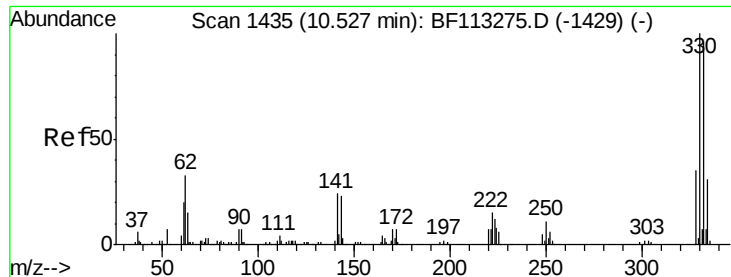


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

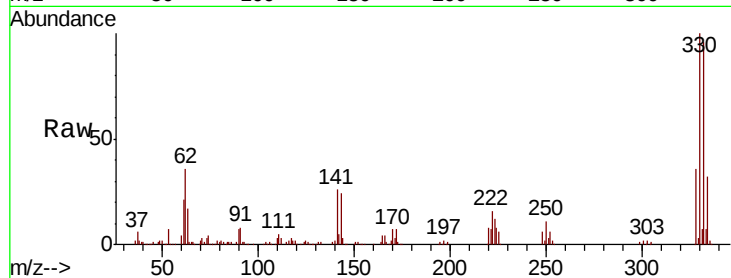




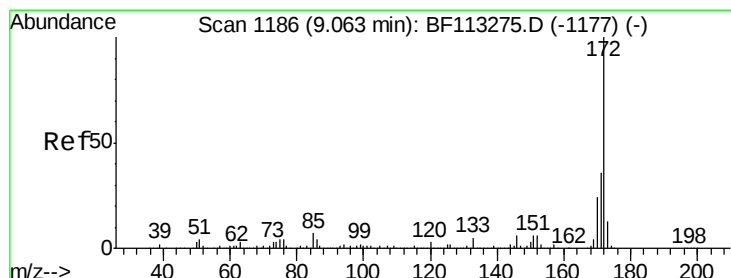
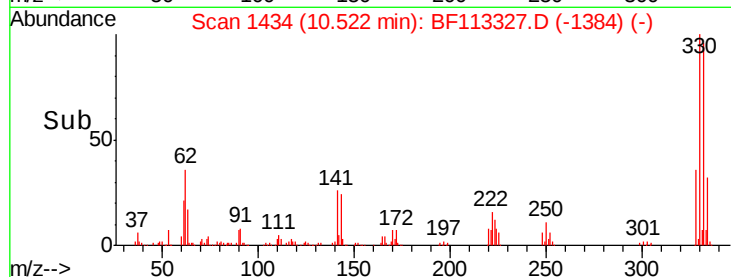
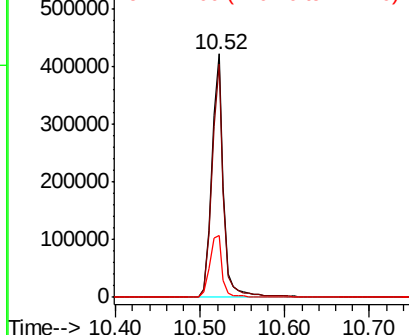
#42
 2,4,6-Tribromophenol
 Concen: 104.753 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Instrument :
 BNA_F
 ClientSampled :
 NJ-WATER

Tgt Ion:330 Resp: 416923
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.6
 141 27.5 22.7 34.1

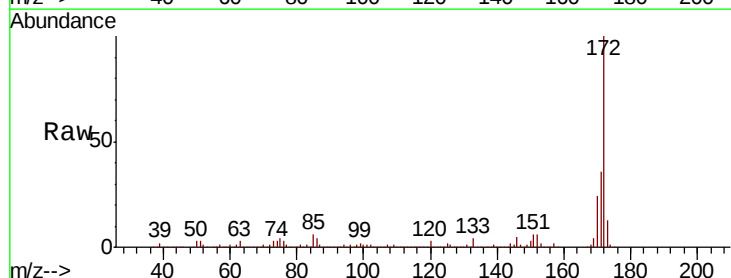


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

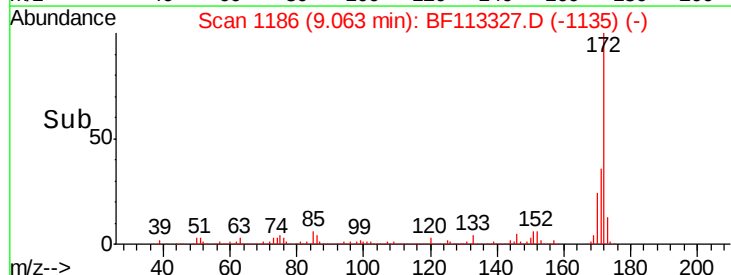
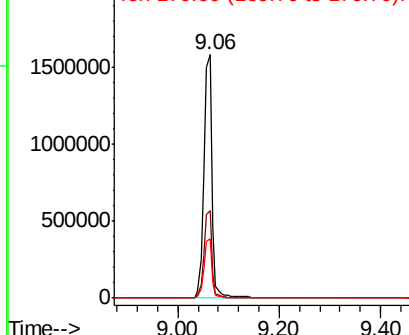


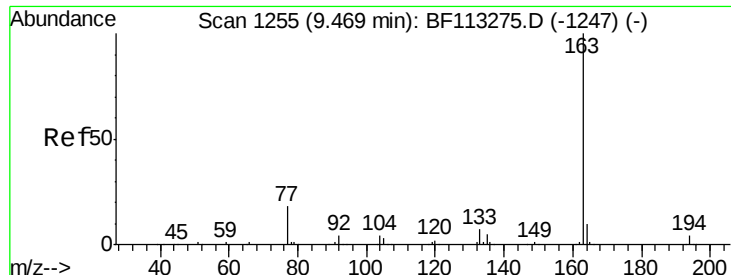
#45
 2-Fluorobiphenyl
 Concen: 85.286 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Tgt Ion:172 Resp: 1752061
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.4 19.5 29.3



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

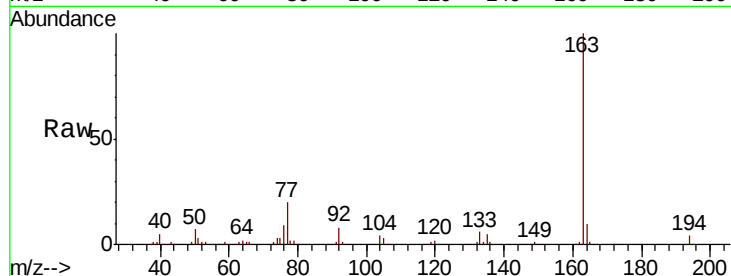




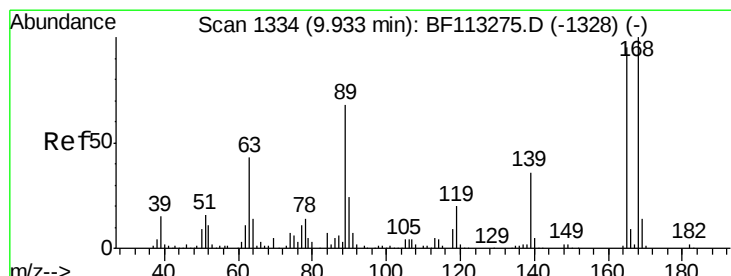
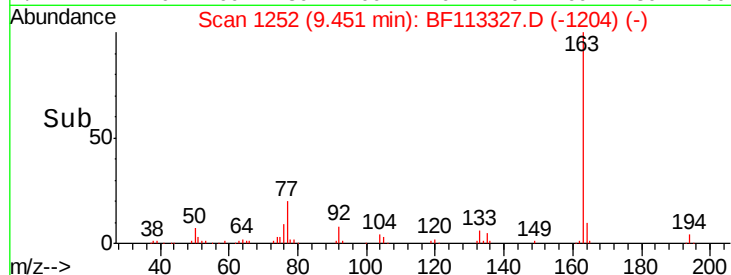
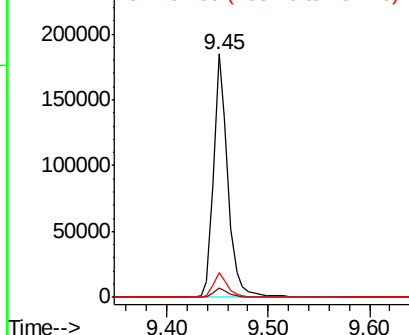
#50
 Dimethylphthalate
 Concen: 7.648 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Instrument :
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 ClientSampleId :
 NJ-WATER

Tgt Ion:	163	Resp:	182615
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.1	12.1



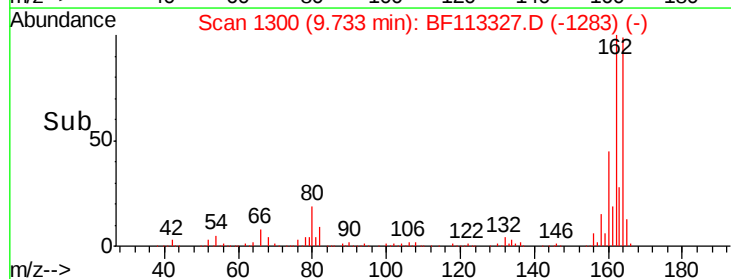
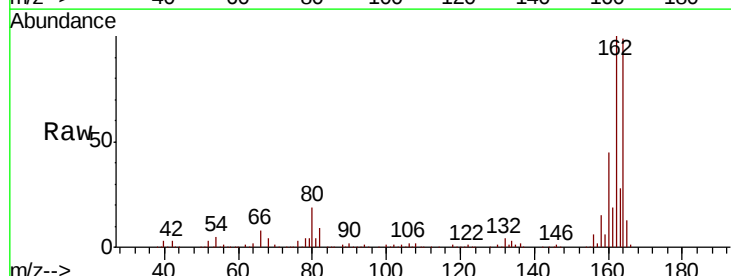
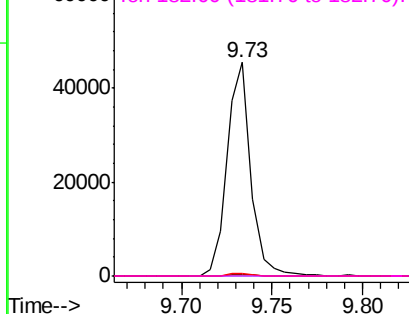
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

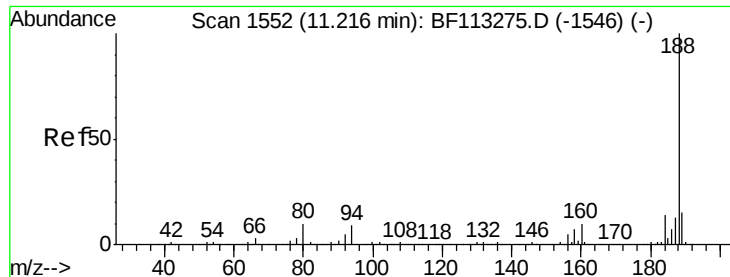


#57
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Tgt Ion:	165	Resp:	41497
Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.1	57.4	86.2#
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): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

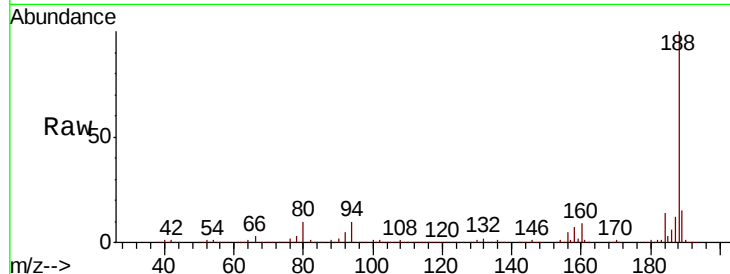




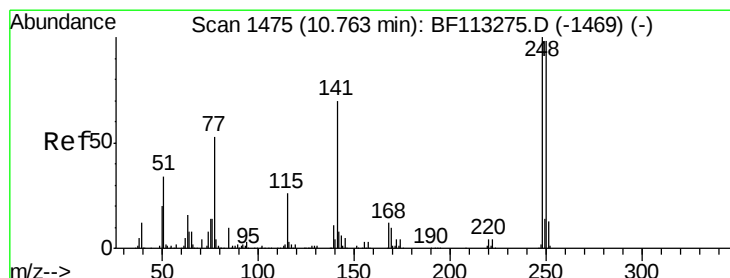
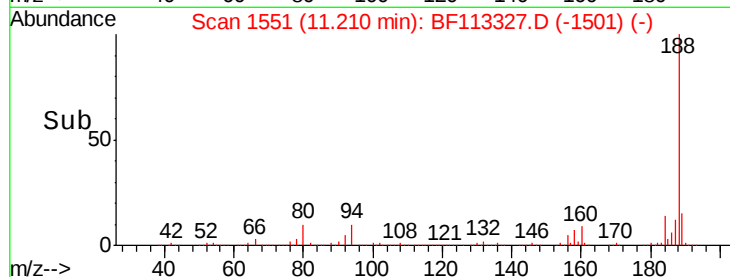
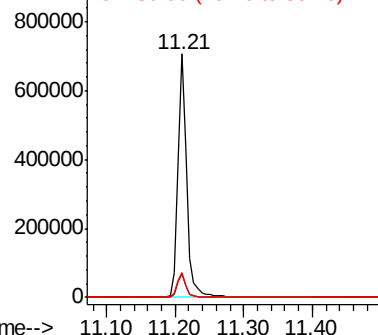
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :
 NJ-WATER

Tgt Ion:188 Resp: 655226
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.6
 80 10.1 7.7 11.5

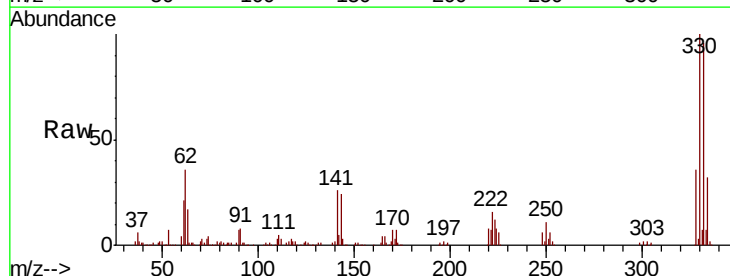


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

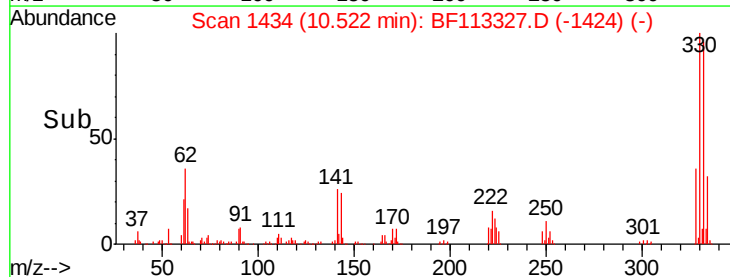
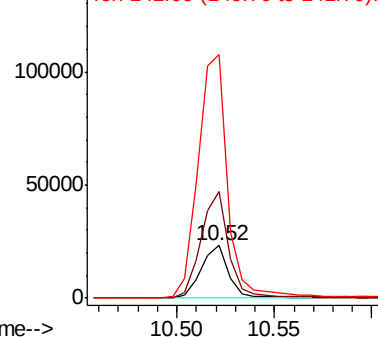


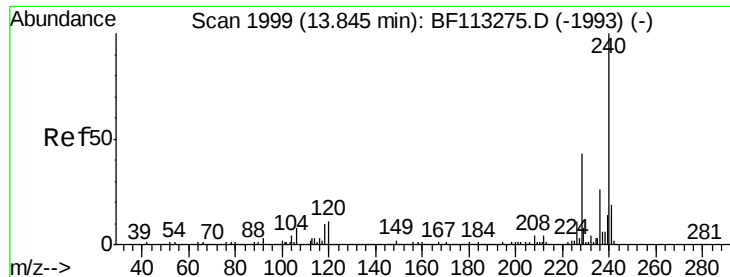
#67
 4-Bromophenyl-phenylether
 Concen: 3.206 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113327.D
 Acq: 27 Mar 2019 13:28

Tgt Ion:248 Resp: 22898
 Ion Ratio Lower Upper
 248 100
 250 203.1 78.3 117.5#
 141 460.9 56.2 84.4#



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

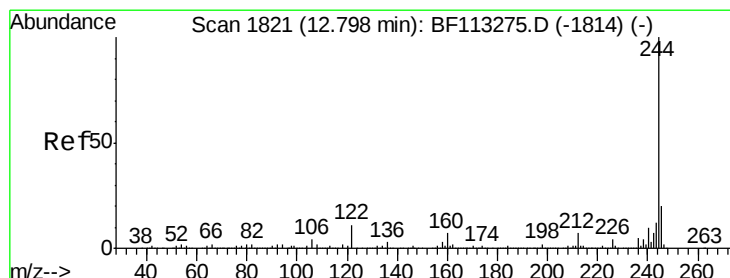
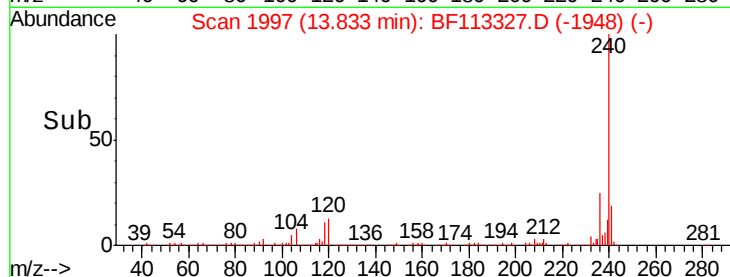
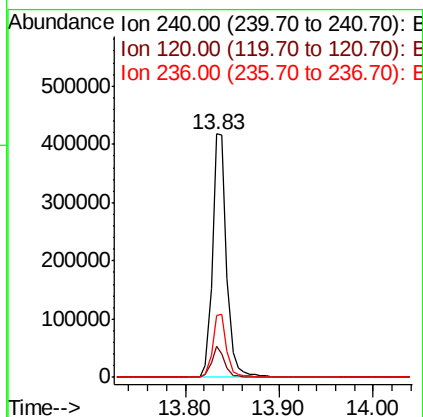
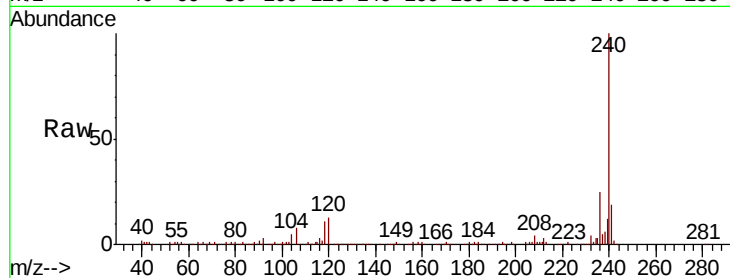




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113327.D
Acq: 27 Mar 2019 13:28

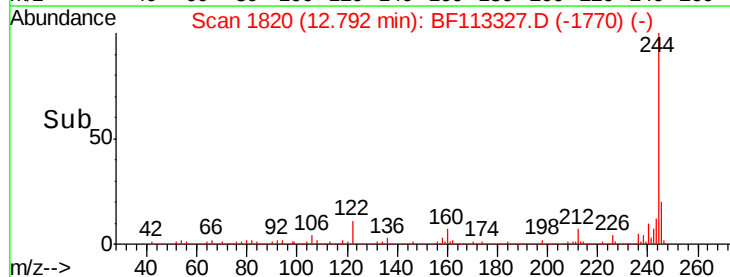
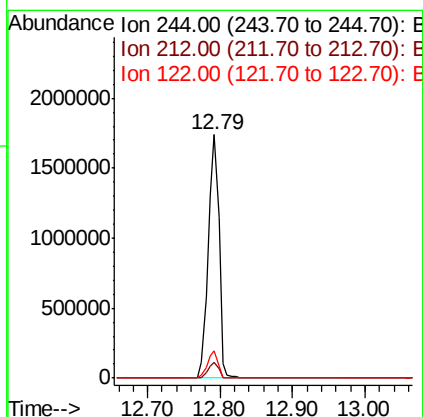
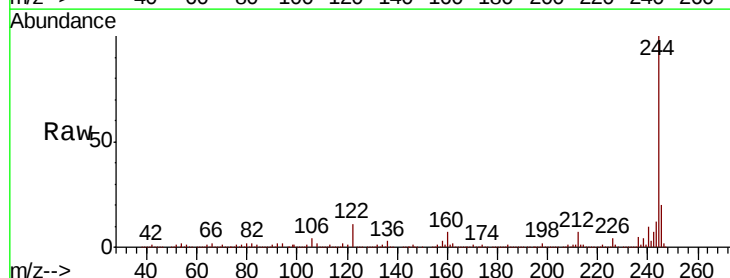
Instrument :
BNA_F
ClientSampleId :
NJ-WATER

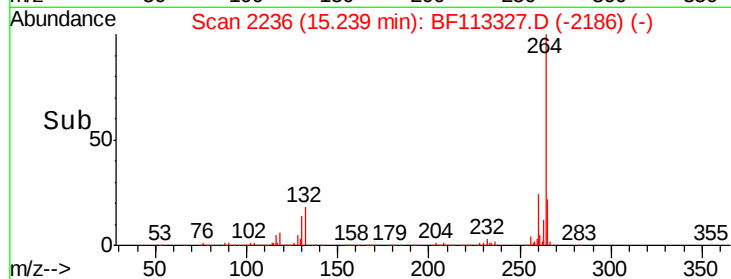
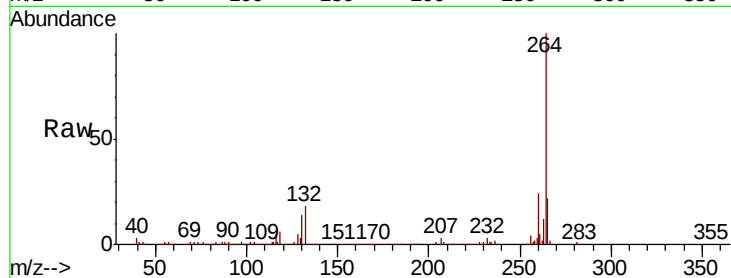
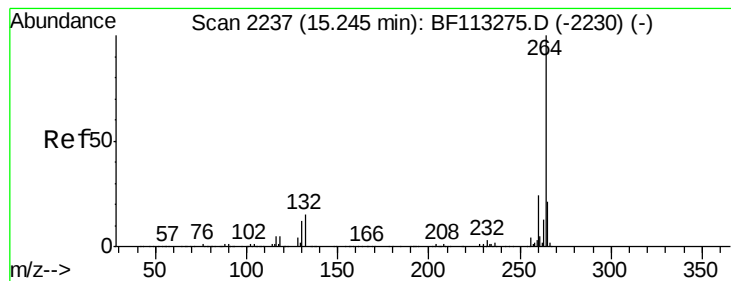
Tgt Ion:240 Resp: 449324
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 87.967 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113327.D
Acq: 27 Mar 2019 13:28

Tgt Ion:244 Resp: 1793232
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.2 8.6 13.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113327.D

Acq: 27 Mar 2019 13:28

Instrument :

BNA_F

ClientSampleId :

NJ-WATER

Tgt Ion: 264 Resp: 413179

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.5 17.1 25.7

