

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
 Data File : BF108312.D
 Acq On : 21 Aug 2018 1:16
 Operator : JU/SJ
 Sample : J4516-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATER

Quant Time: Aug 21 04:45:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

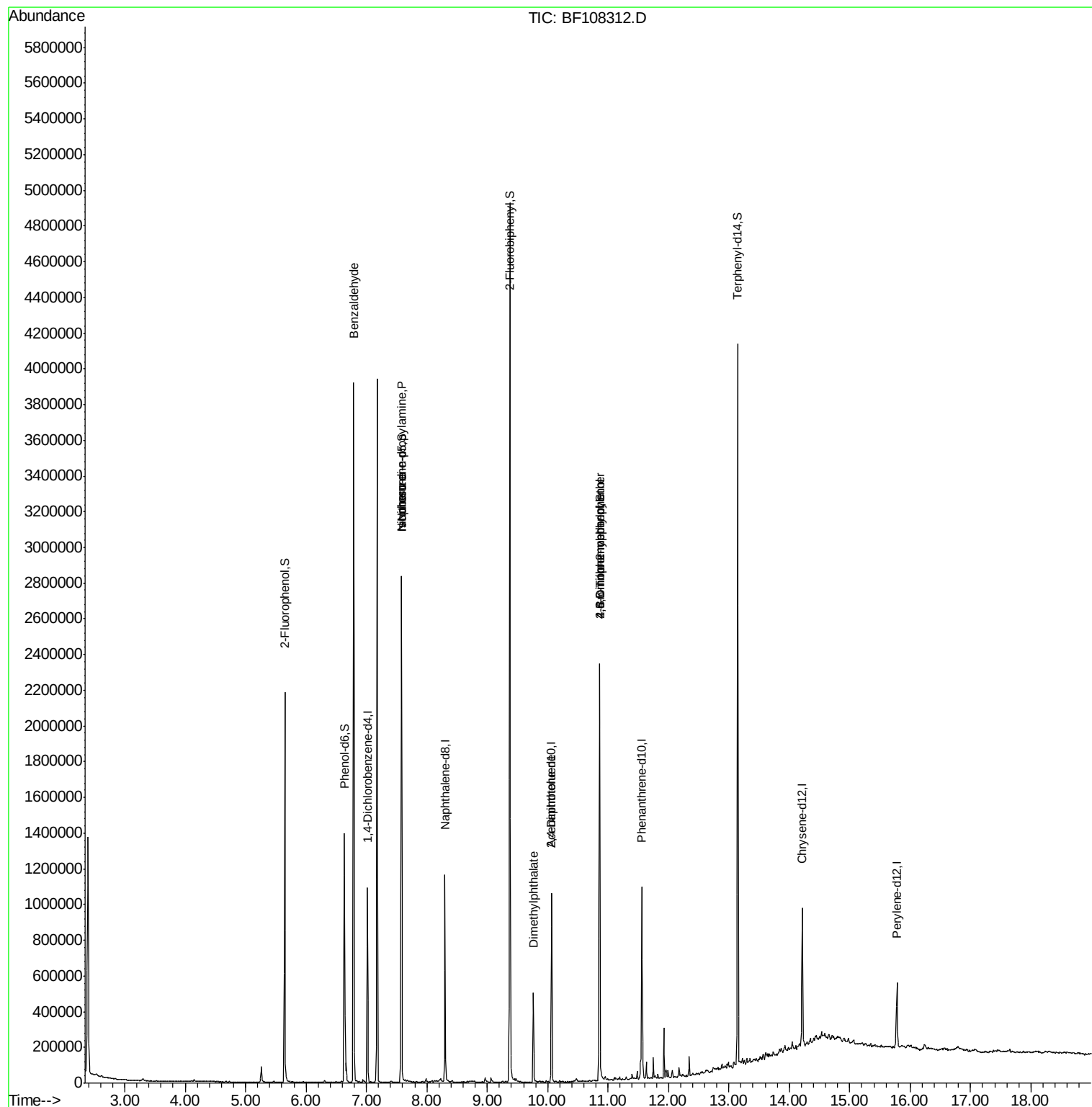
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	148016	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	493269	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	205620	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	358862	20.00	ng	0.00
75) Chrysene-d12	14.21	240	260238	20.00	ng	0.00
86) Perylene-d12	15.78	264	197596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	522821	63.95	ng	0.02
7) Phenol-d6	6.64	99	412753	37.99	ng	0.00
23) Nitrobenzene-d5	7.58	82	936408	105.93	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	299813	146.18	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1566585	122.32	ng	0.00
78) Terphenyl-d14	13.15	244	1394086	136.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.79	77	23606	2.802	ng	# 76
19) n-Nitroso-di-n-propylamine	7.58	70	126091	17.163	ng	# 82
25) Isophorone	7.58	82	936391	55.576	ng	# 64
49) Dimethylphthalate	9.77	163	197308	13.775	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	25986	6.737	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	727	5.838	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	20089	5.151	ng	# 1

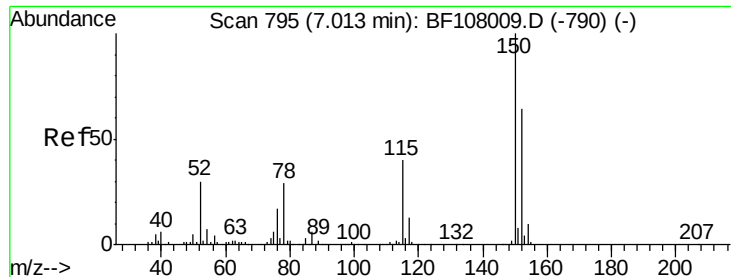
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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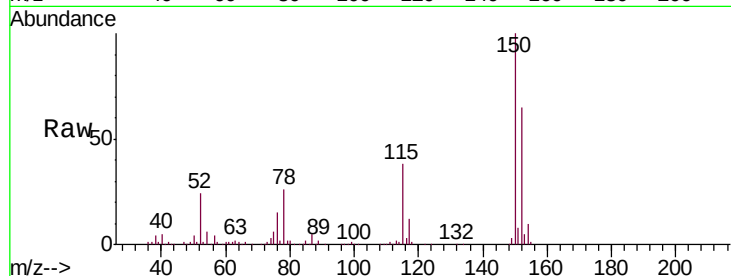


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	58.3	50.1	75.1

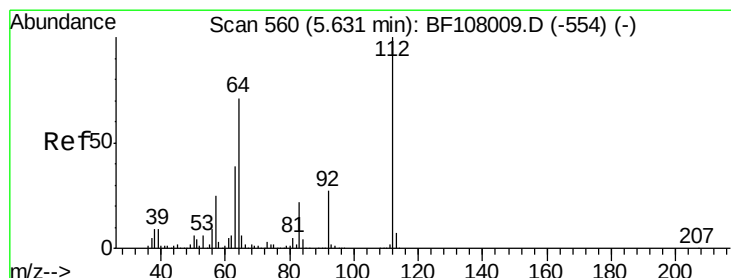
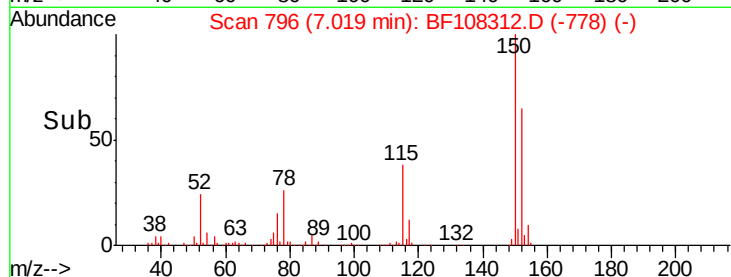
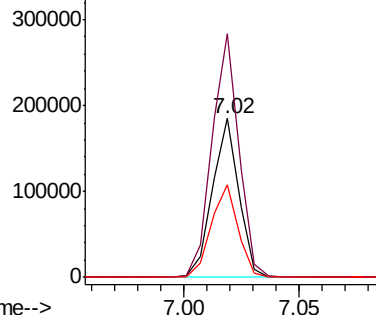


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

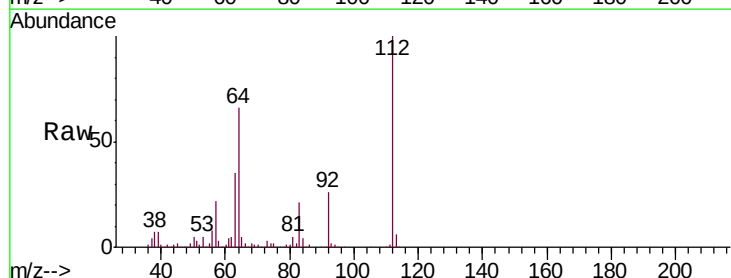
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.949 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.6	23.7	35.5

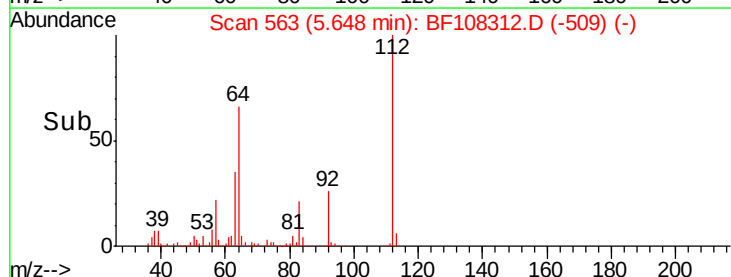
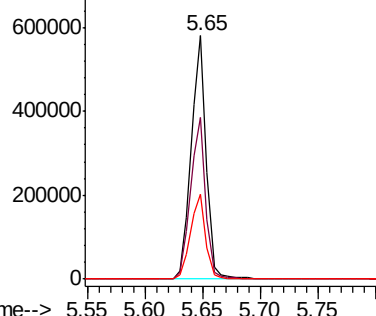


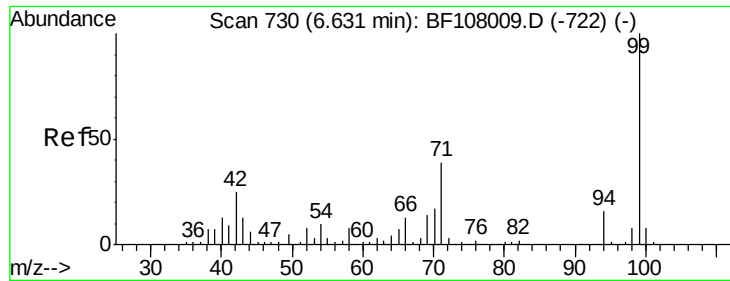
Abundance

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: 37.992 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATER

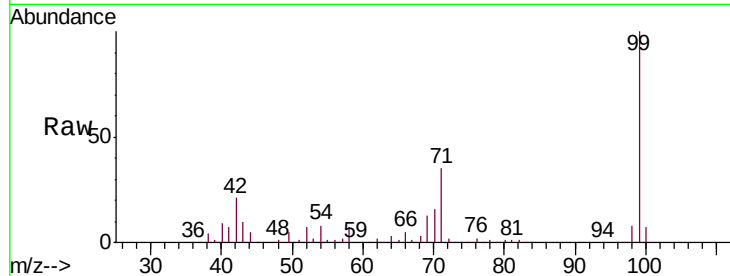
Tgt Ion: 99 Resp: 412753

Ion Ratio Lower Upper

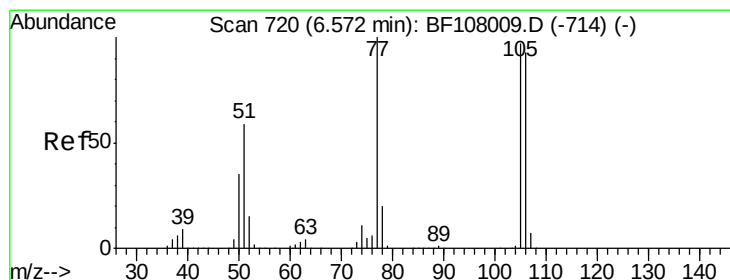
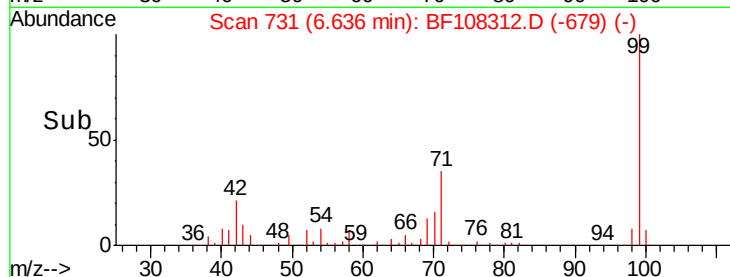
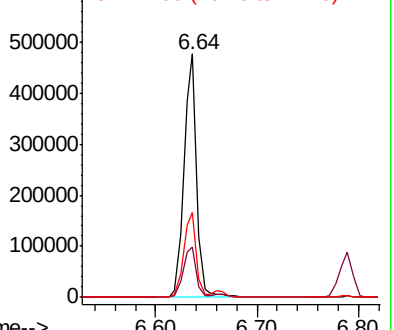
99 100

42 20.5 14.5 21.7

71 34.7 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



#9

Benzaldehyde

Concen: 2.802 ng

RT: 6.79 min Scan# 757

Delta R.T. 0.22 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

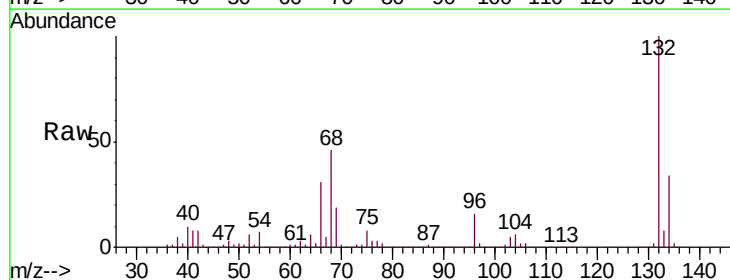
Tgt Ion: 77 Resp: 23606

Ion Ratio Lower Upper

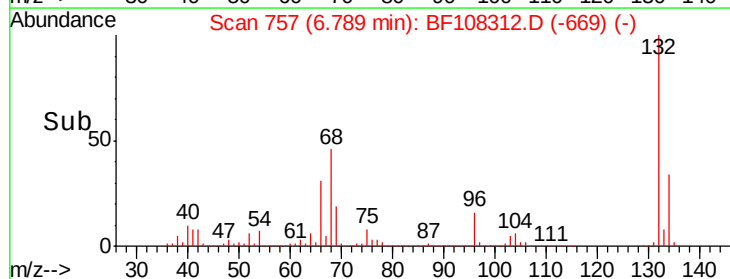
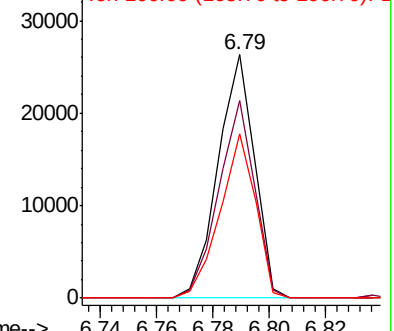
77 100

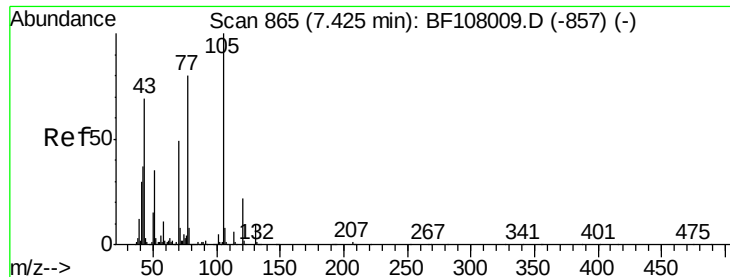
105 80.9 81.1 121.1#

106 67.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

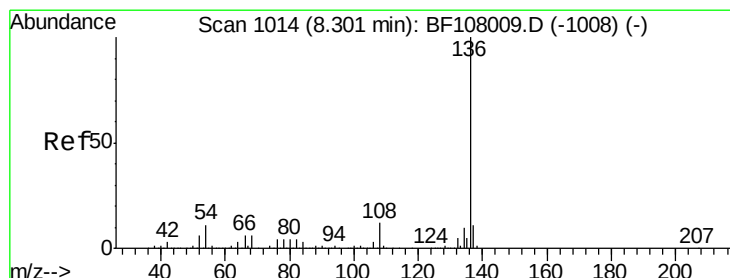
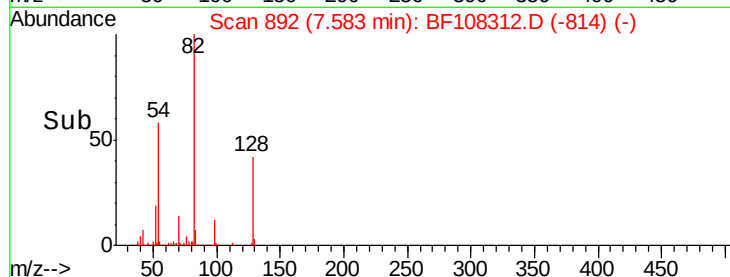
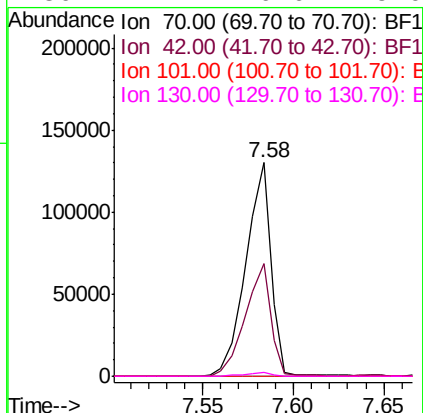
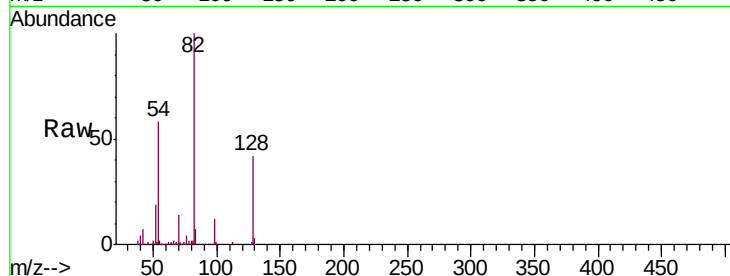




#19
n-Nitroso-di-n-propylamine
Concen: 17.163 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.16 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

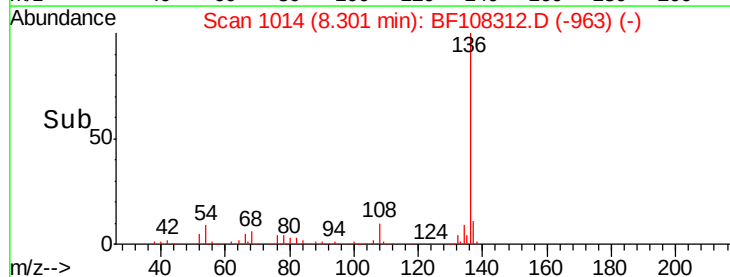
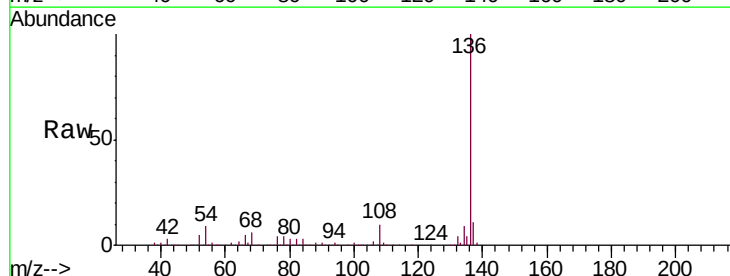
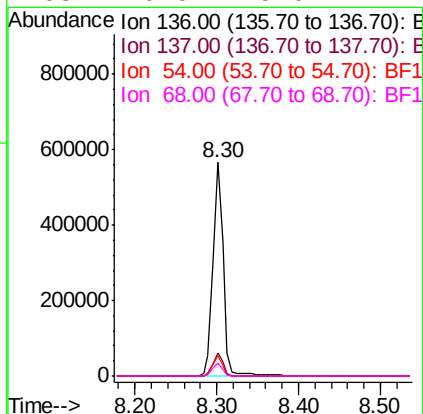
Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

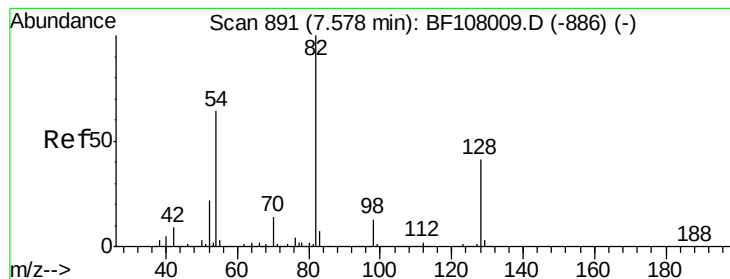
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 105.932 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATER

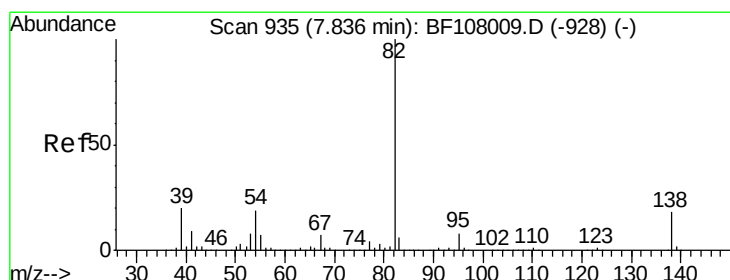
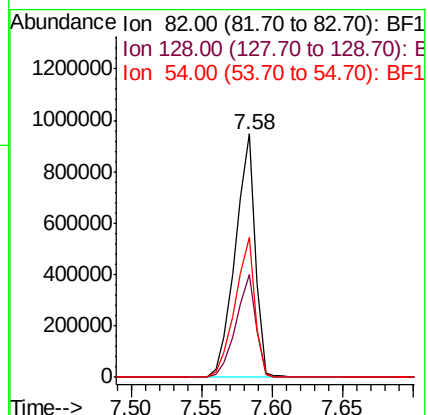
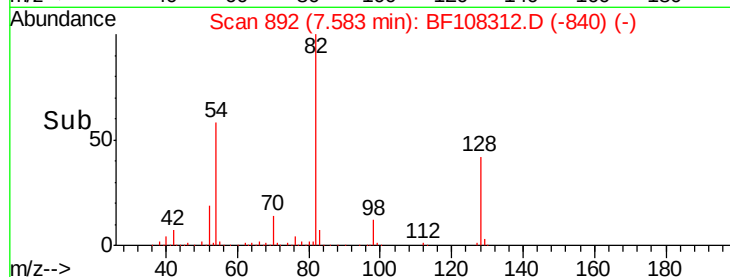
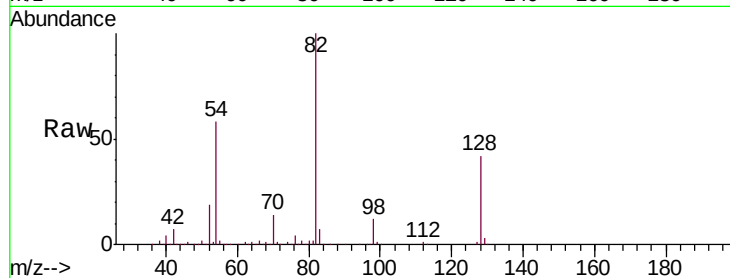
Tgt Ion: 82 Resp: 936408

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

54 57.6 41.4 62.2



#25

Isophorone

Concen: 55.576 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

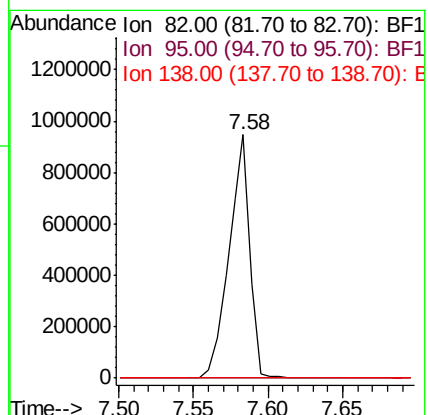
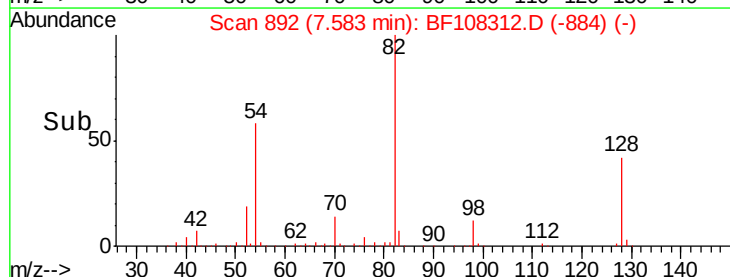
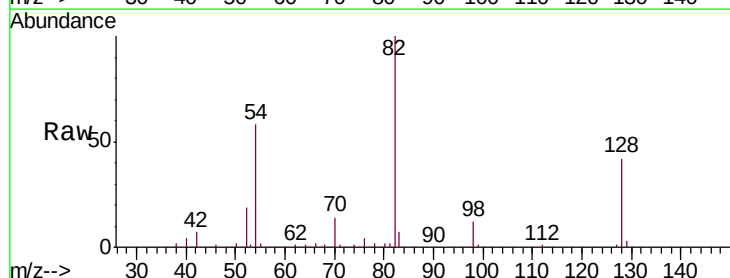
Tgt Ion: 82 Resp: 936391

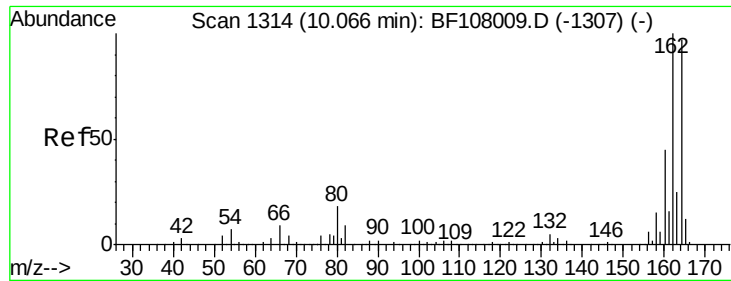
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

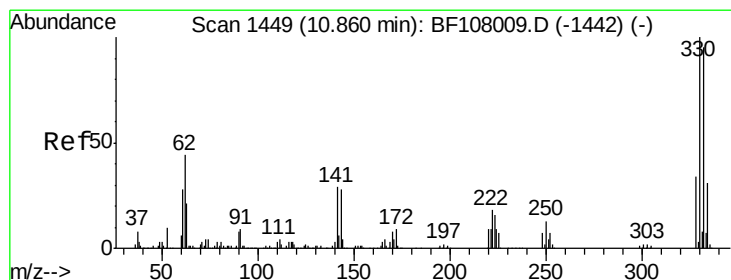
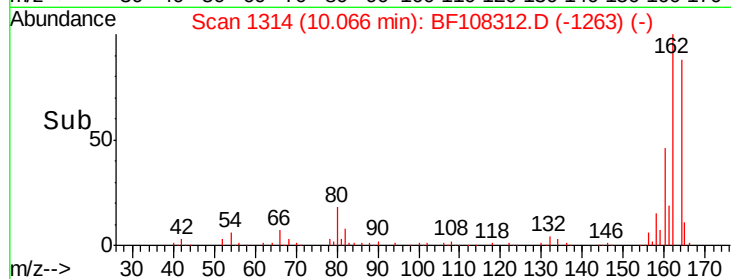
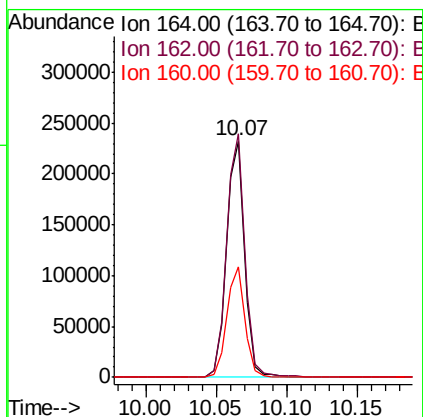
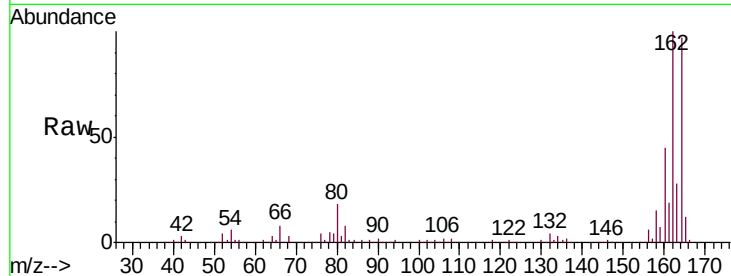




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

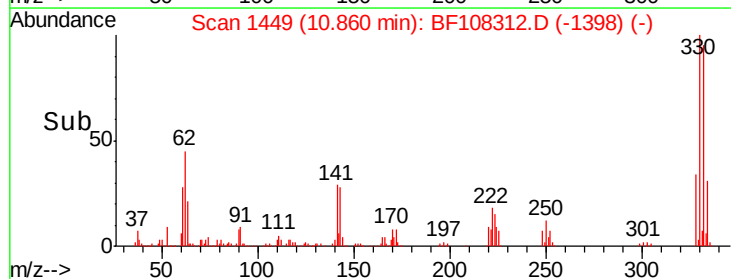
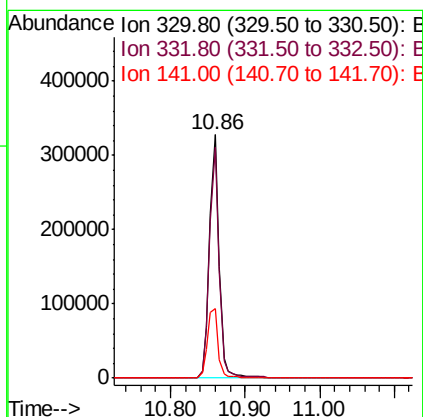
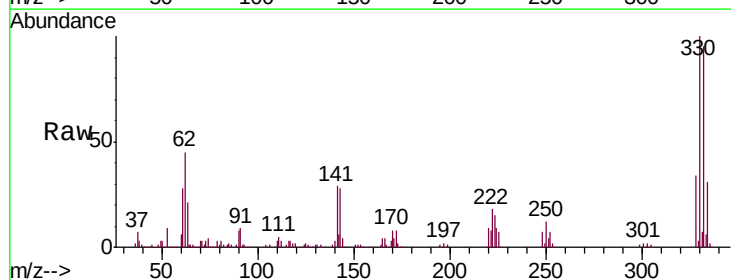
Instrument :
 BNA_F
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 ND-BASELINE-WATER

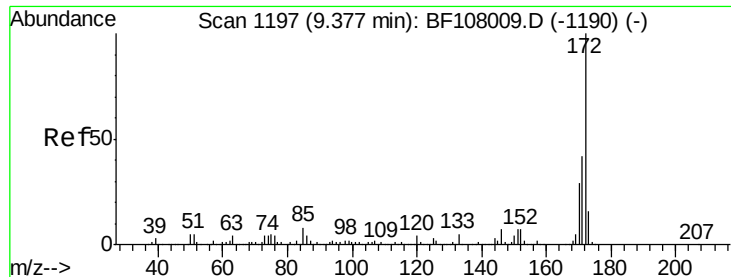
Tgt Ion:164 Resp: 205620
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 146.178 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

Tgt Ion:330 Resp: 299813
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.0 29.9 44.9

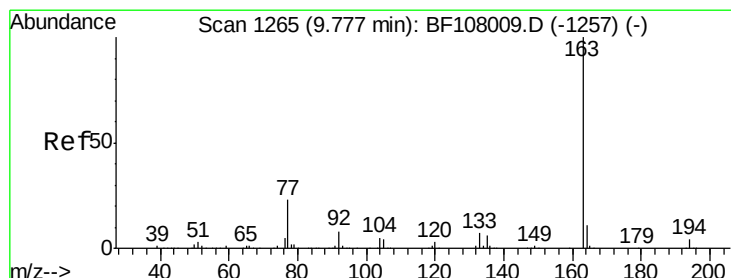
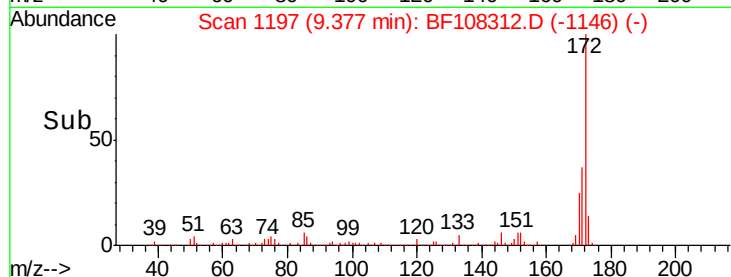
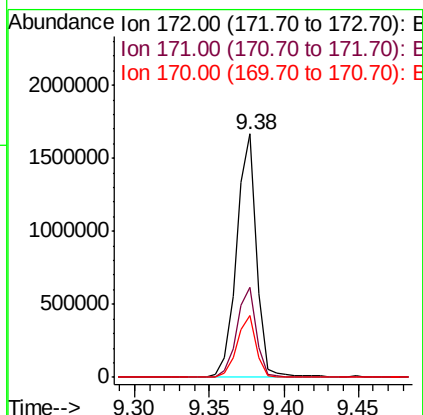
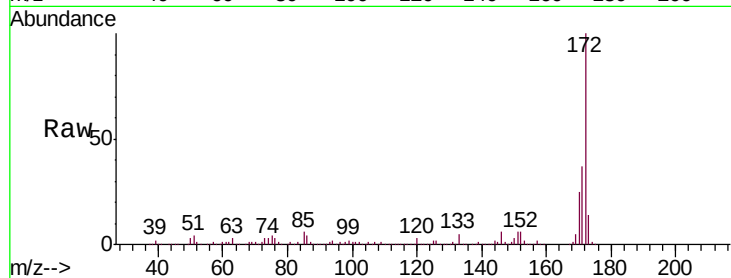




#44
2-Fluorobiphenyl
Concen: 122.318 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

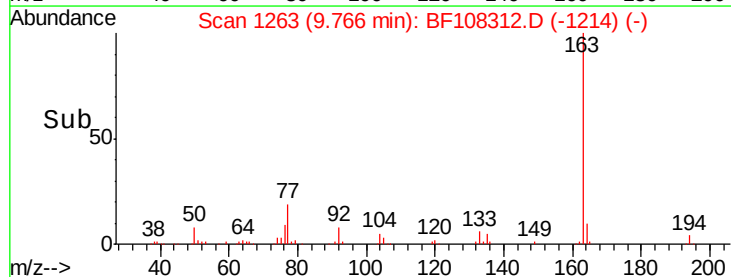
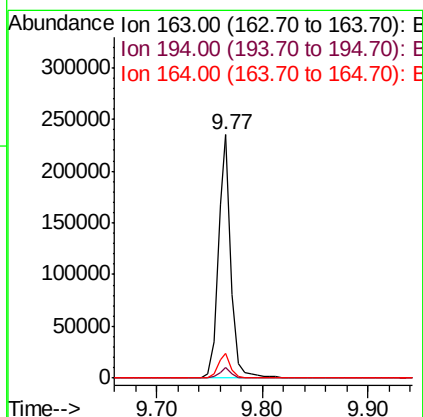
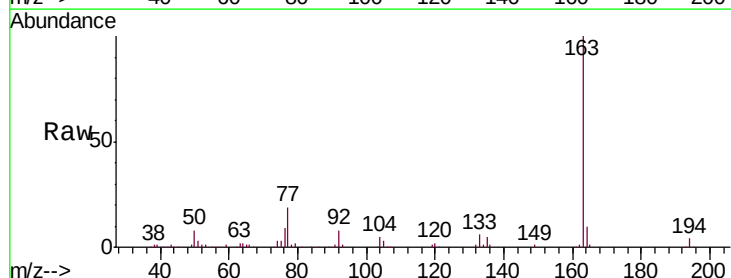
Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

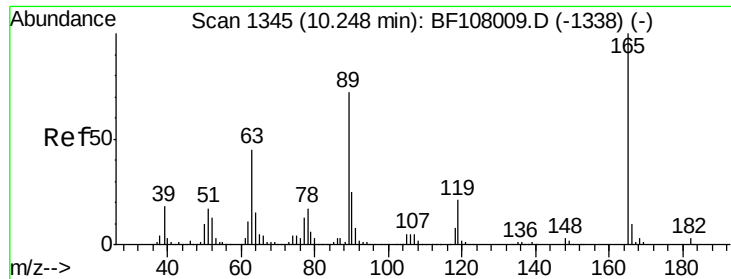
Tgt Ion:172 Resp: 1566585
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.3 19.6 29.4



#49
Dimethylphthalate
Concen: 13.775 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:163 Resp: 197308
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.9 8.2 12.2

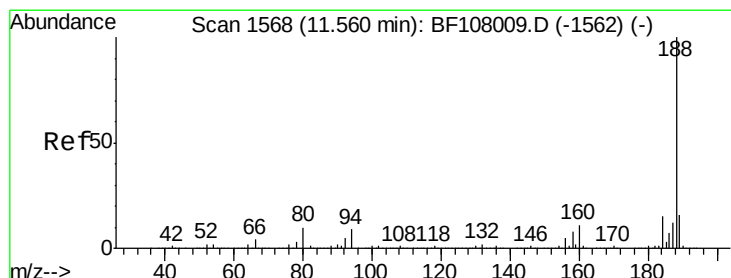
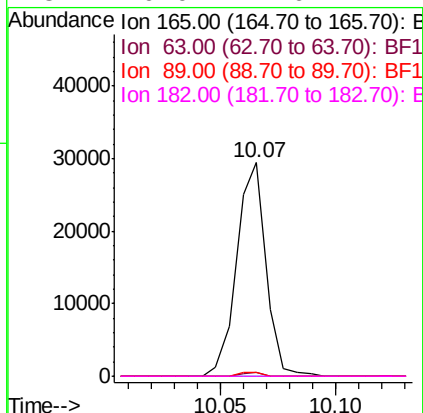
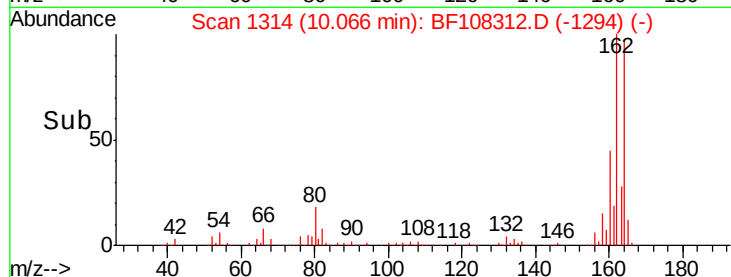
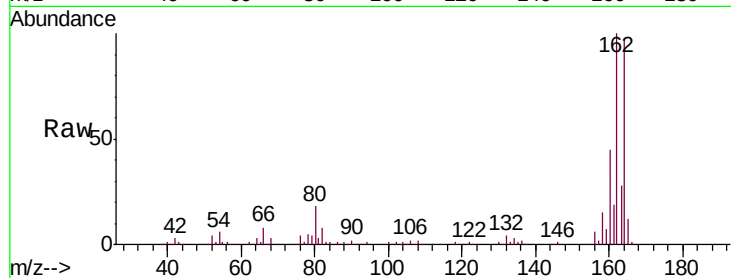




#56
 2,4-Dinitrotoluene
 Concen: 6.737 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.18 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

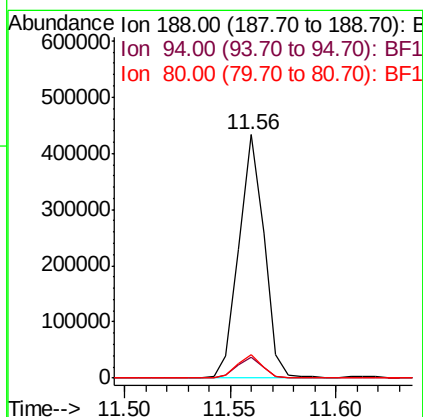
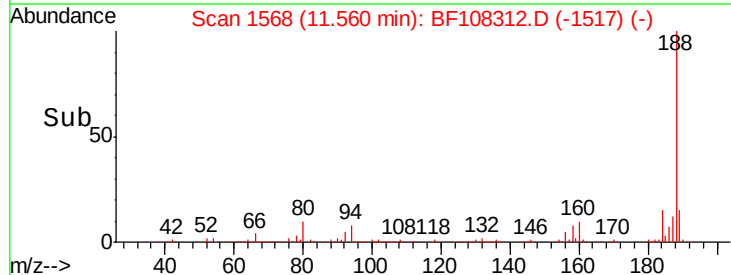
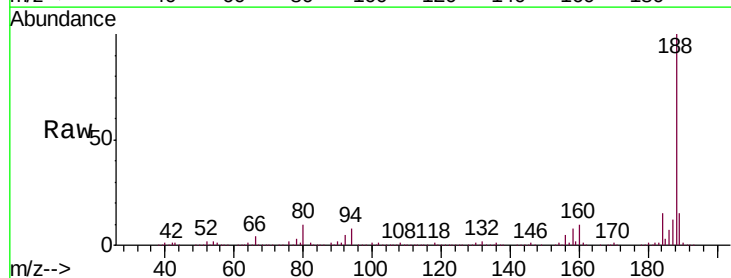
Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATER

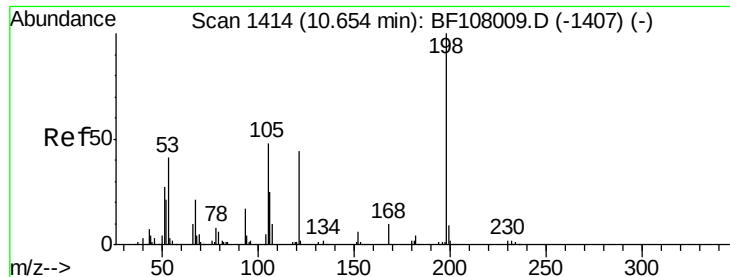
Tgt Ion:	165	Resp:	25986
Ion Ratio	Lower	Upper	
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

Tgt Ion:	188	Resp:	358862
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7#
80	9.6	9.2	13.8

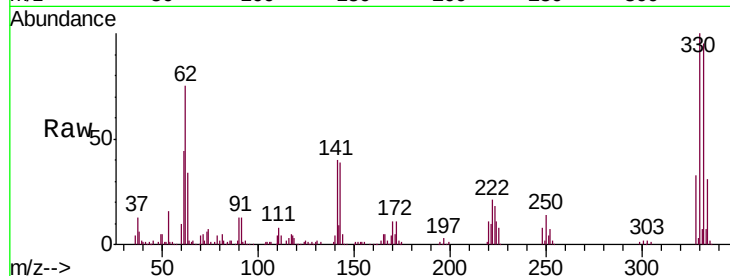




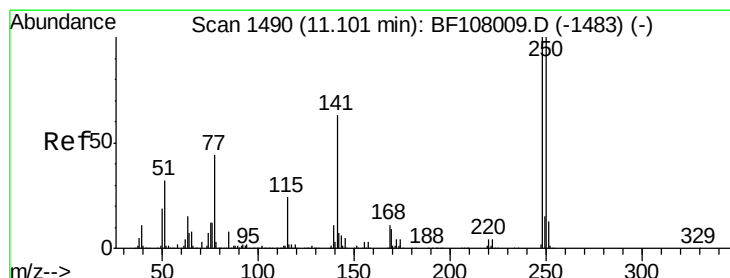
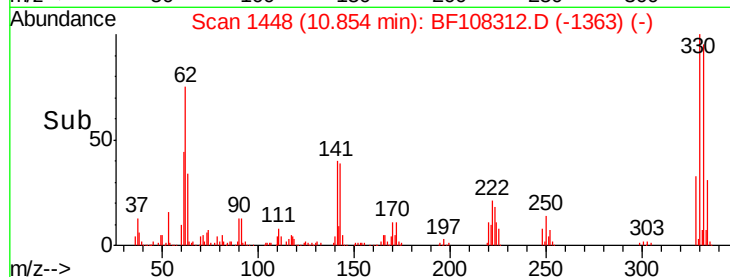
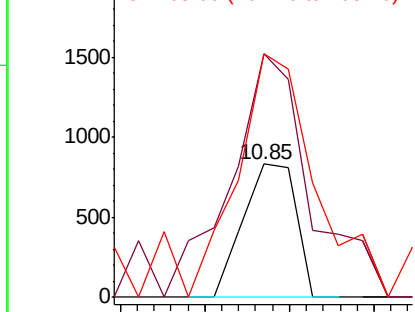
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.838 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATER

Tgt Ion:198 Resp: 727
 Ion Ratio Lower Upper
 198 100
 51 182.4 37.7 77.7#
 105 182.5 36.3 76.3#

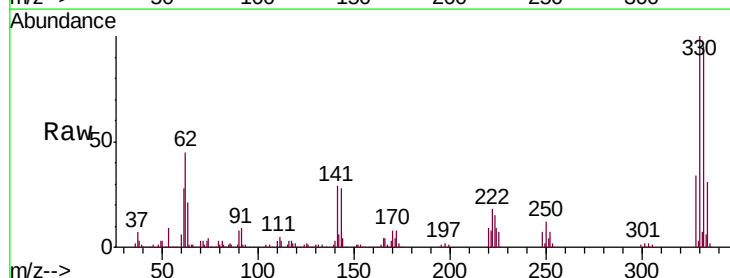


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

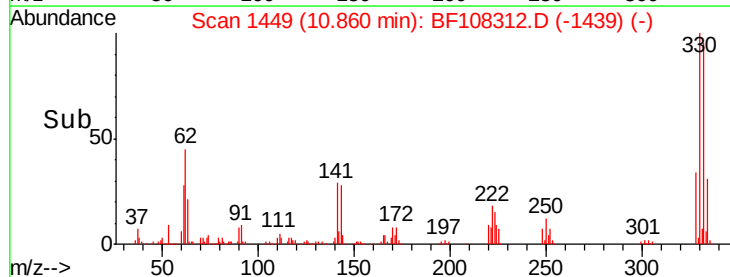
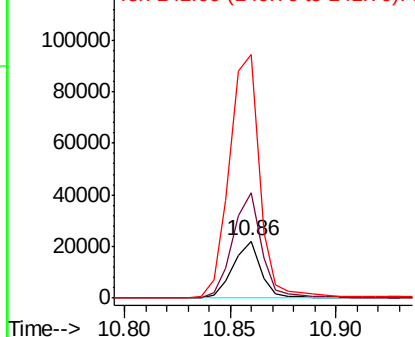


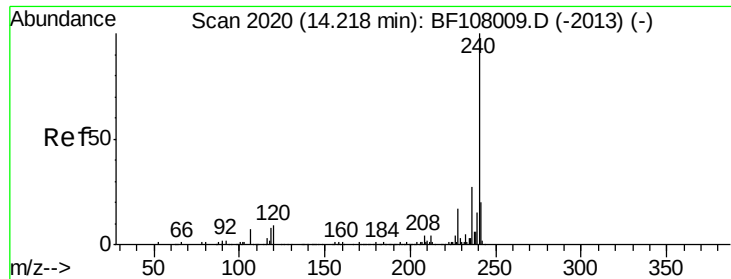
#66
 4-Bromophenyl-phenylether
 Concen: 5.151 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

Tgt Ion:248 Resp: 20089
 Ion Ratio Lower Upper
 248 100
 250 184.1 76.9 115.3#
 141 424.5 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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

Instrument :

BNA_F

ClientSampleId :

ND-BASELINE-WATER

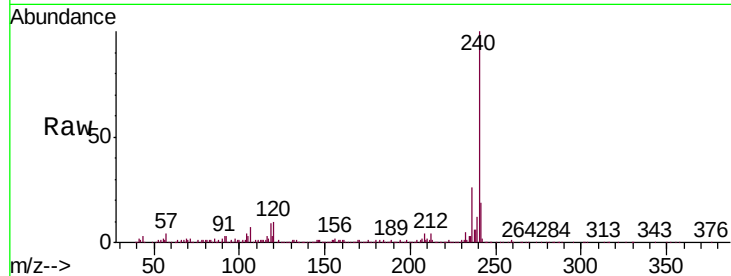
Tgt Ion:240 Resp: 260238

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

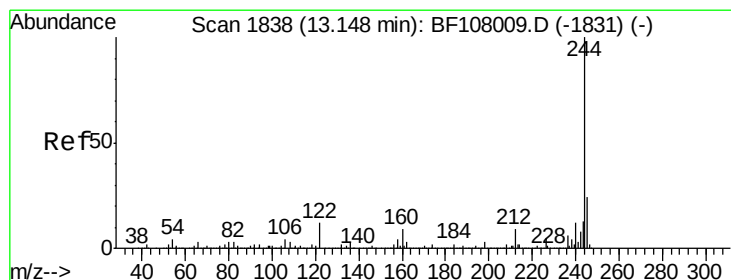
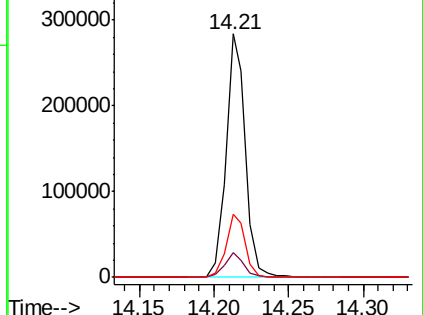
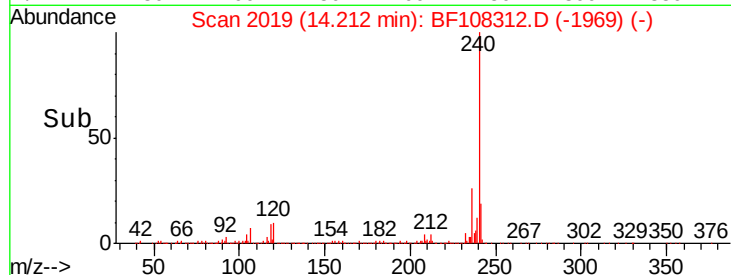
236 25.8 20.7 31.1



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: 136.205 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108312.D

Acq: 21 Aug 2018 1:16

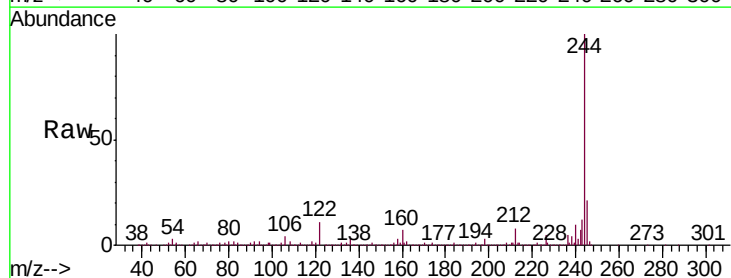
Tgt Ion:244 Resp: 1394086

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

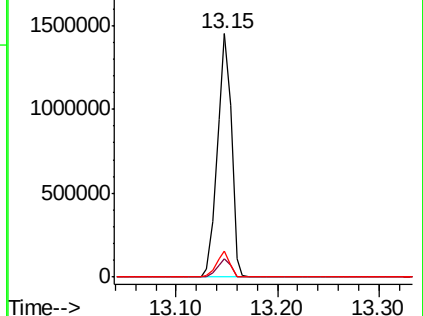
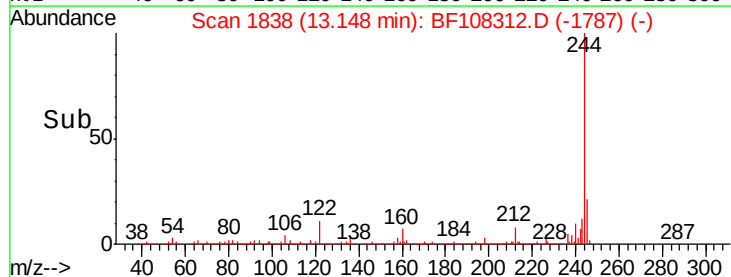
122 10.7 11.0 16.4#

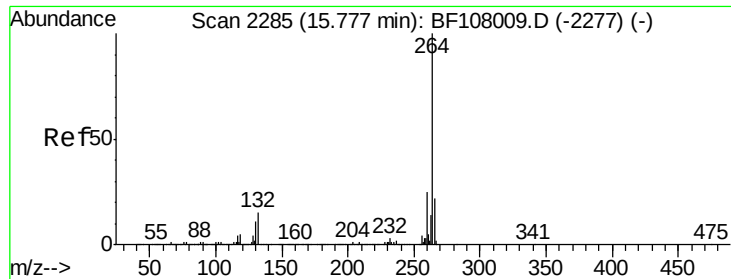


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

