

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 05:17:53 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

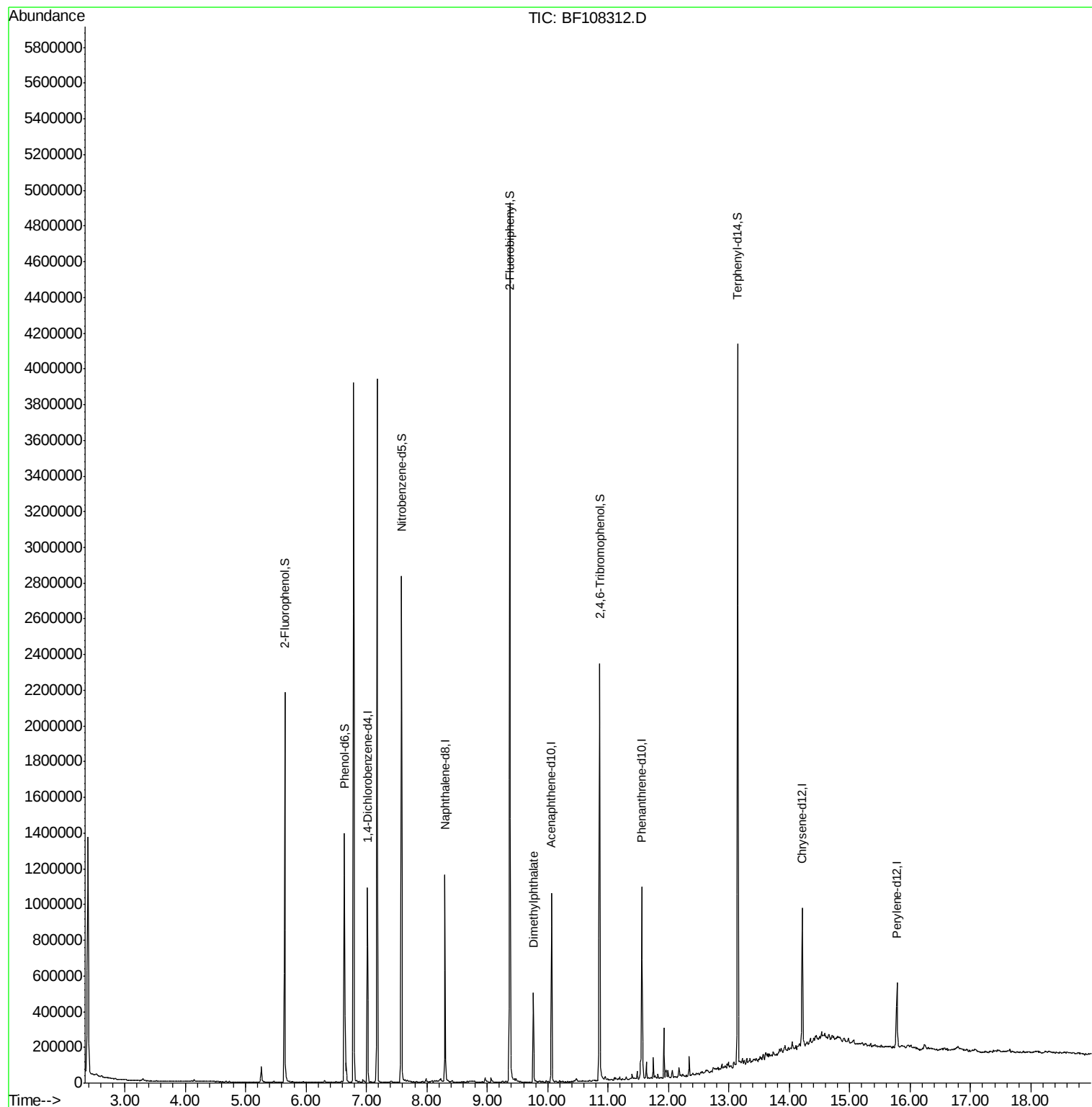
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	148016	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	493269	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	205620	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	358862	20.00	ng	0.00
75) Chrysene-d12	14.21	240	260238	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						
49) Dimethylphthalate	9.77	163	197308	13.775	ng	Qvalue # 99

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

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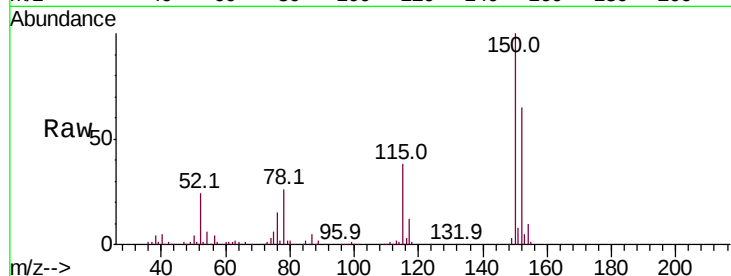


#1

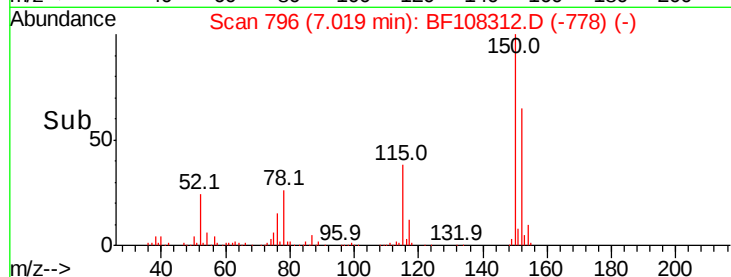
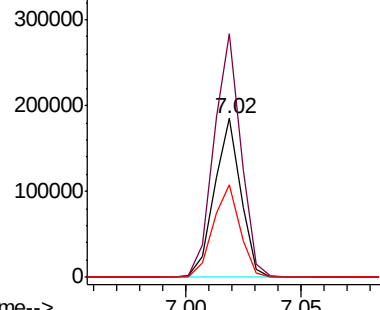
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tot Ion:152 Resp: 148016
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 58.3 50.1 75.1



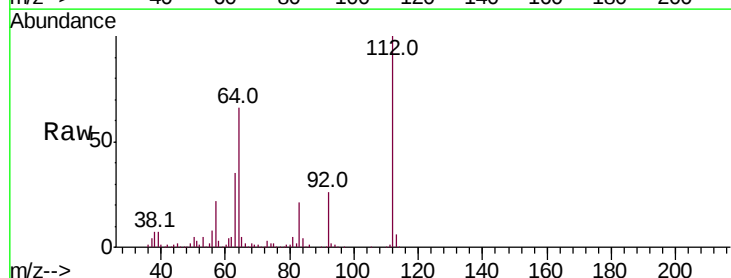
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



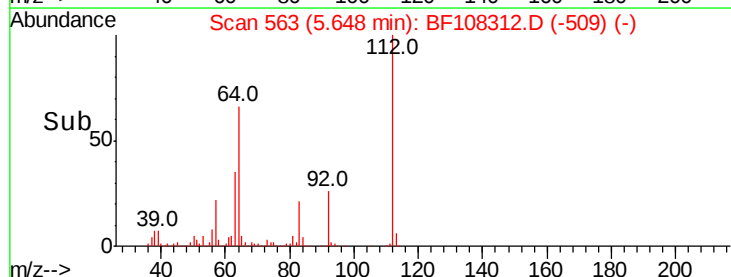
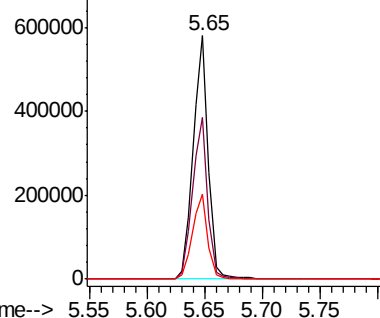
#5

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:112 Resp: 522821
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

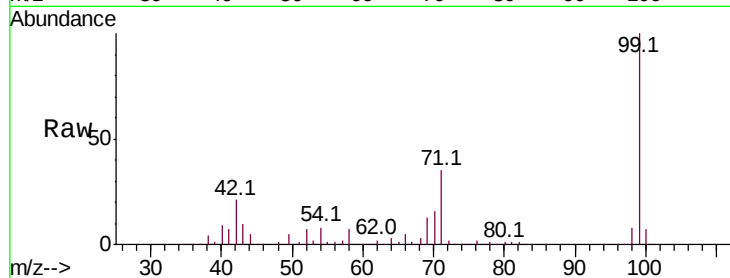
Tot Ion: 99 Resp: 412753

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

600000

500000

400000

300000

200000

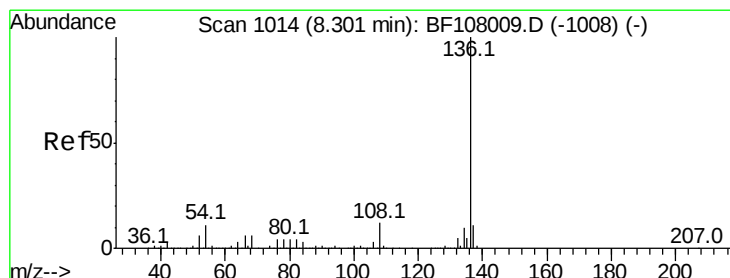
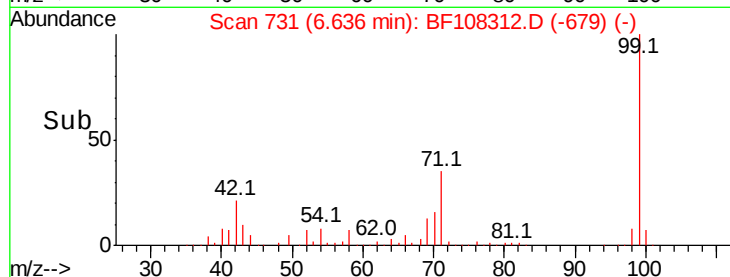
100000

0

6.64

6.60 6.70 6.80

Time-->



#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: 136 Resp: 493269

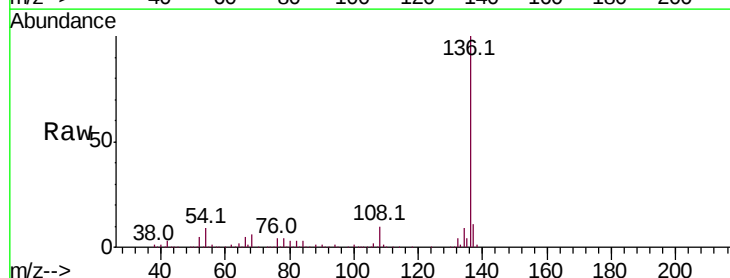
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.0 5.0 7.4



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

800000

600000

400000

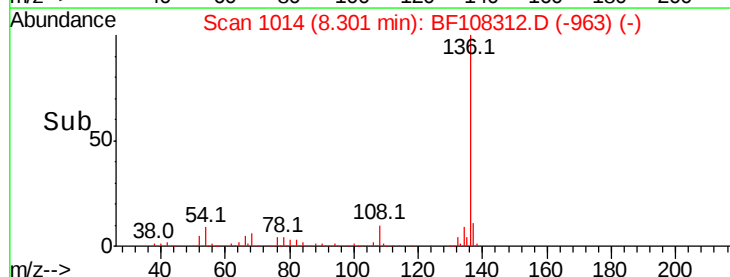
200000

0

8.30

8.20 8.30 8.40 8.50

Time-->

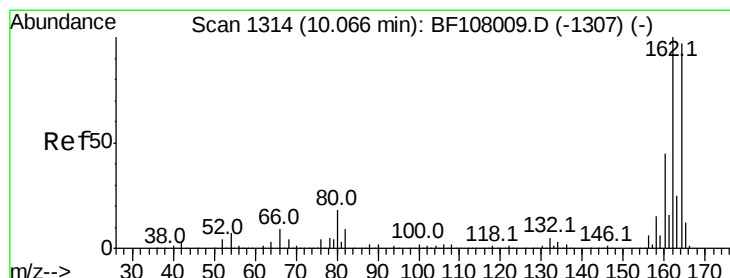
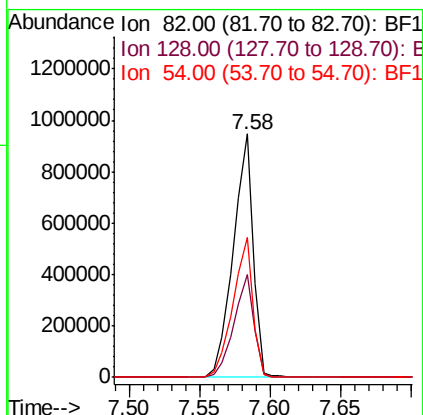
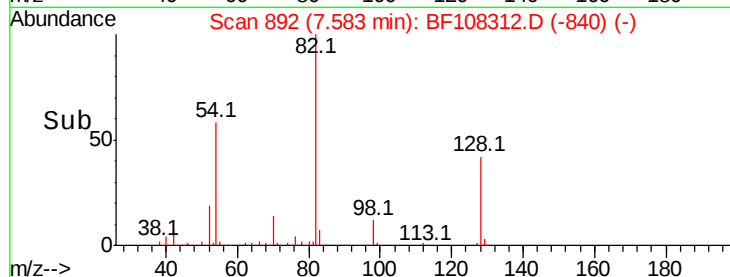
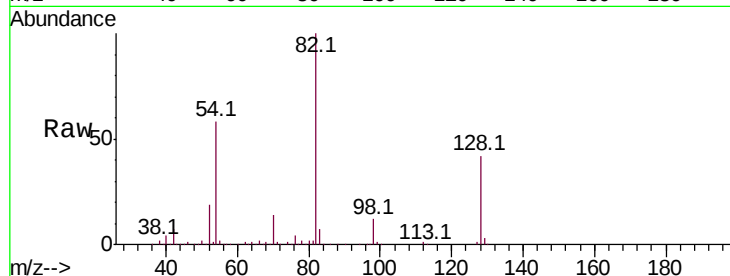




#23
Nitrobenzene-d5
Concen: 105.932 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

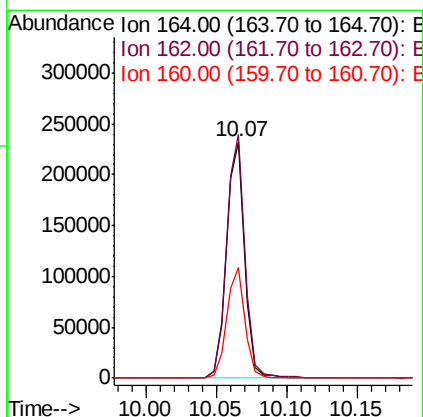
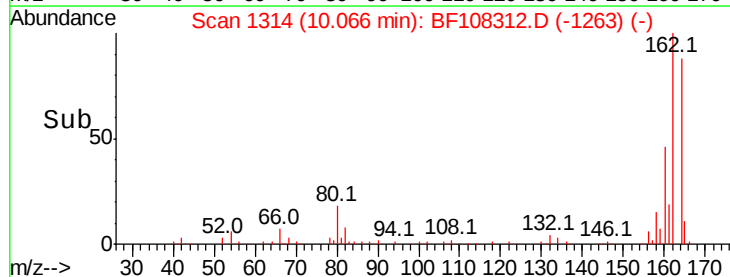
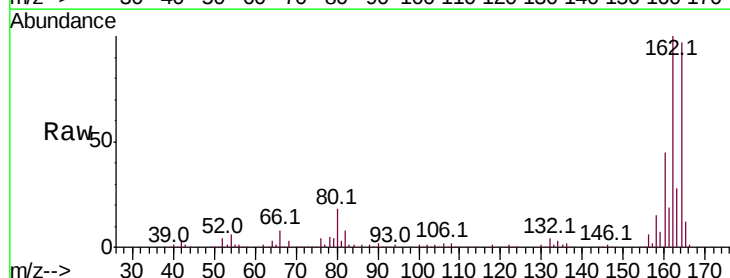
Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tot Ion: 82 Resp: 936408
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 57.6 41.4 62.2



#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

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

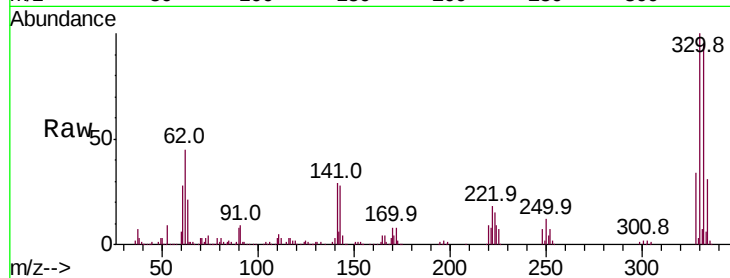




#41
 2,4,6-Tribromophenol
 Concen: 146.178 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108312.D
 Acq: 21 Aug 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 ND-BASELINE-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.0	29.9	44.9

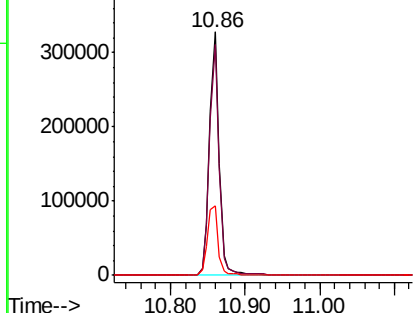
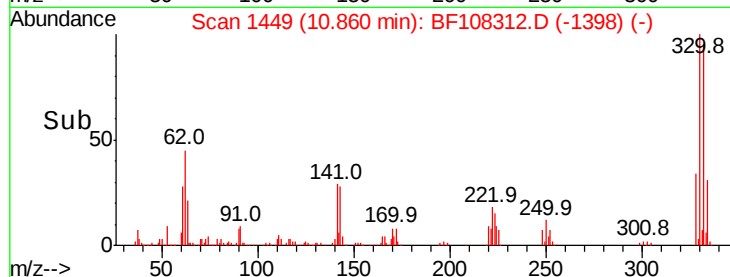


Abundance

Ion 329.80 (329.50 to 330.50): E

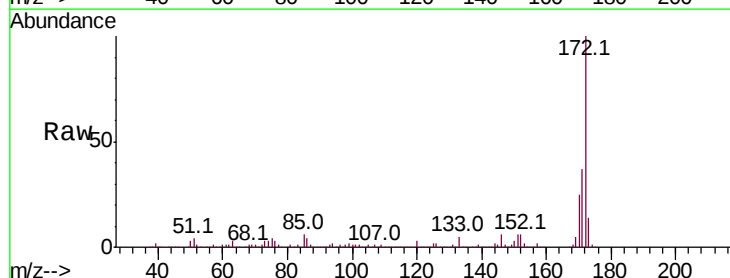
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 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

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

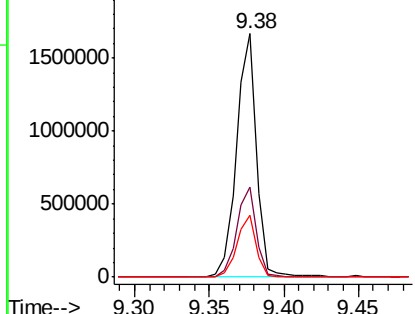
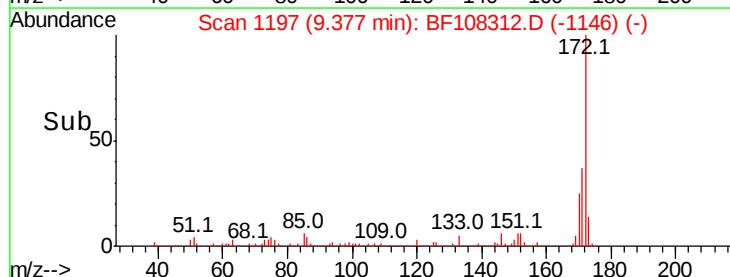


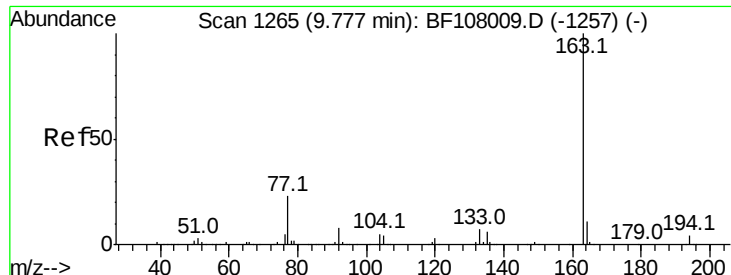
Abundance

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

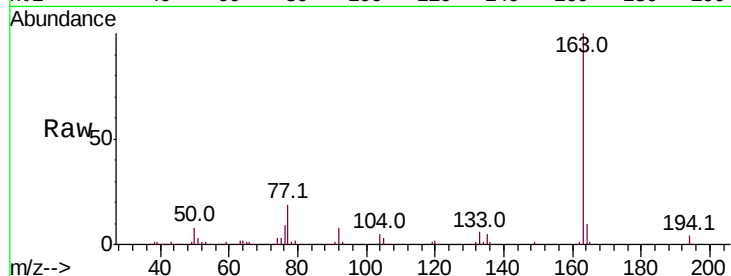




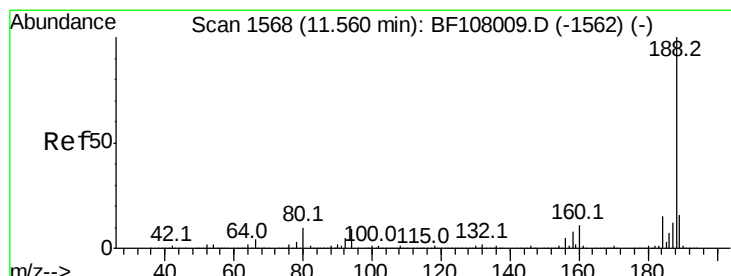
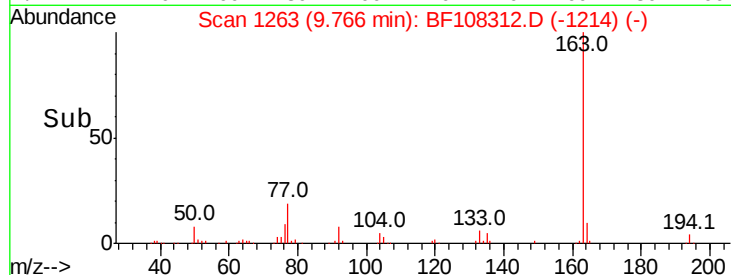
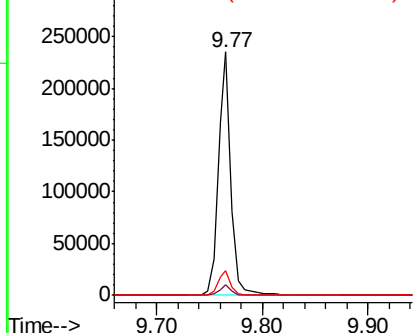
#49
Dimethylphthalate
Concen: 13.775 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

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

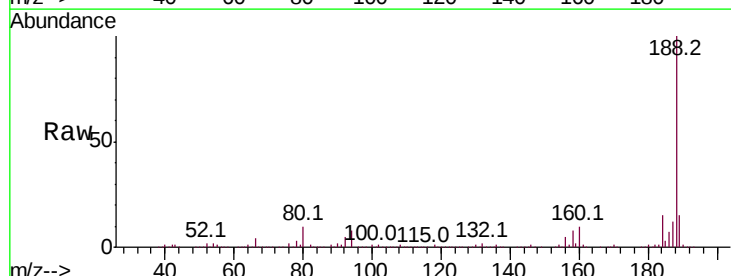


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

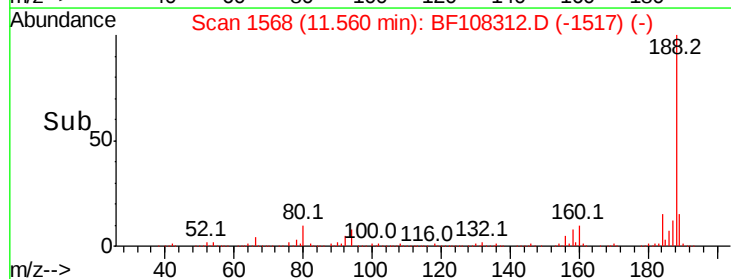
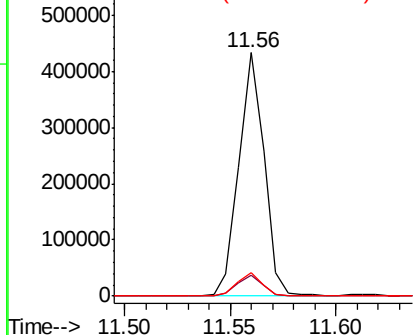


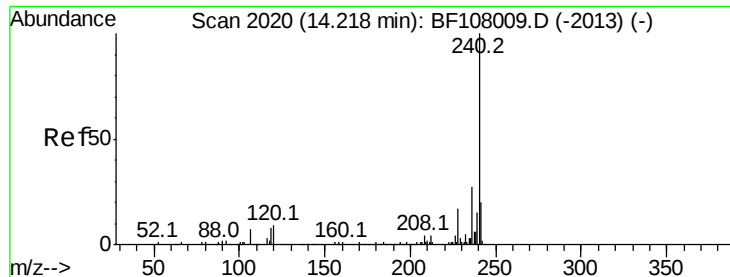
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

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



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





#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

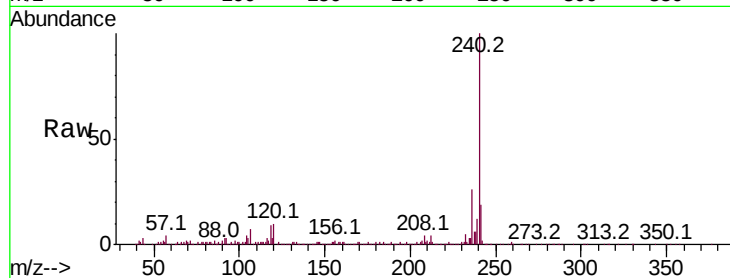
Tot Ion:240 Resp: 260238

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

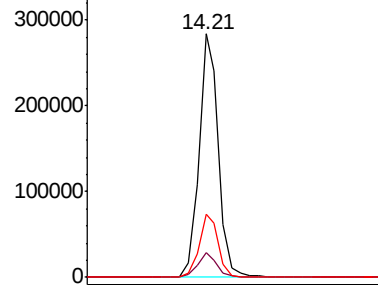
236 25.8 20.7 31.1



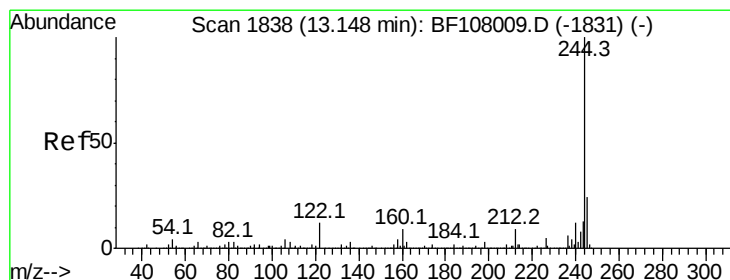
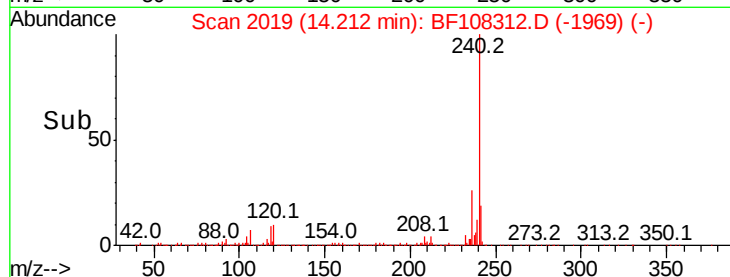
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.15 14.20 14.25 14.30



#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

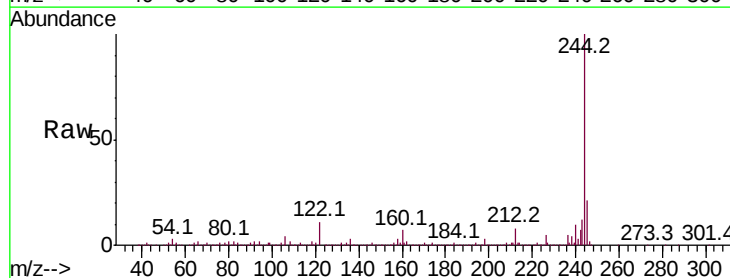
Tgt Ion:244 Resp: 1394086

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

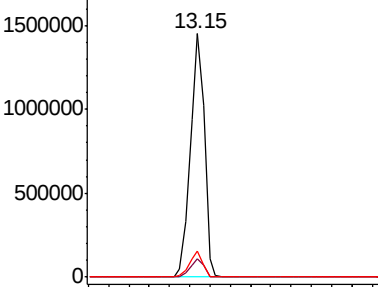
122 10.7 11.0 16.4#



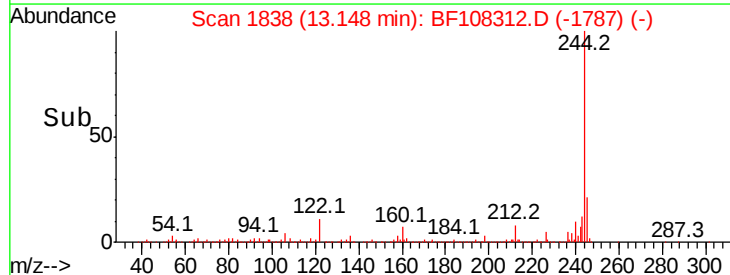
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.10 13.20 13.30





#86
Pervlene-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

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

