

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107552.D
 Acq On : 21 Jul 2018 4:02
 Operator : JU/SJ
 Sample : J4043-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

Quant Time: Jul 21 05:38:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

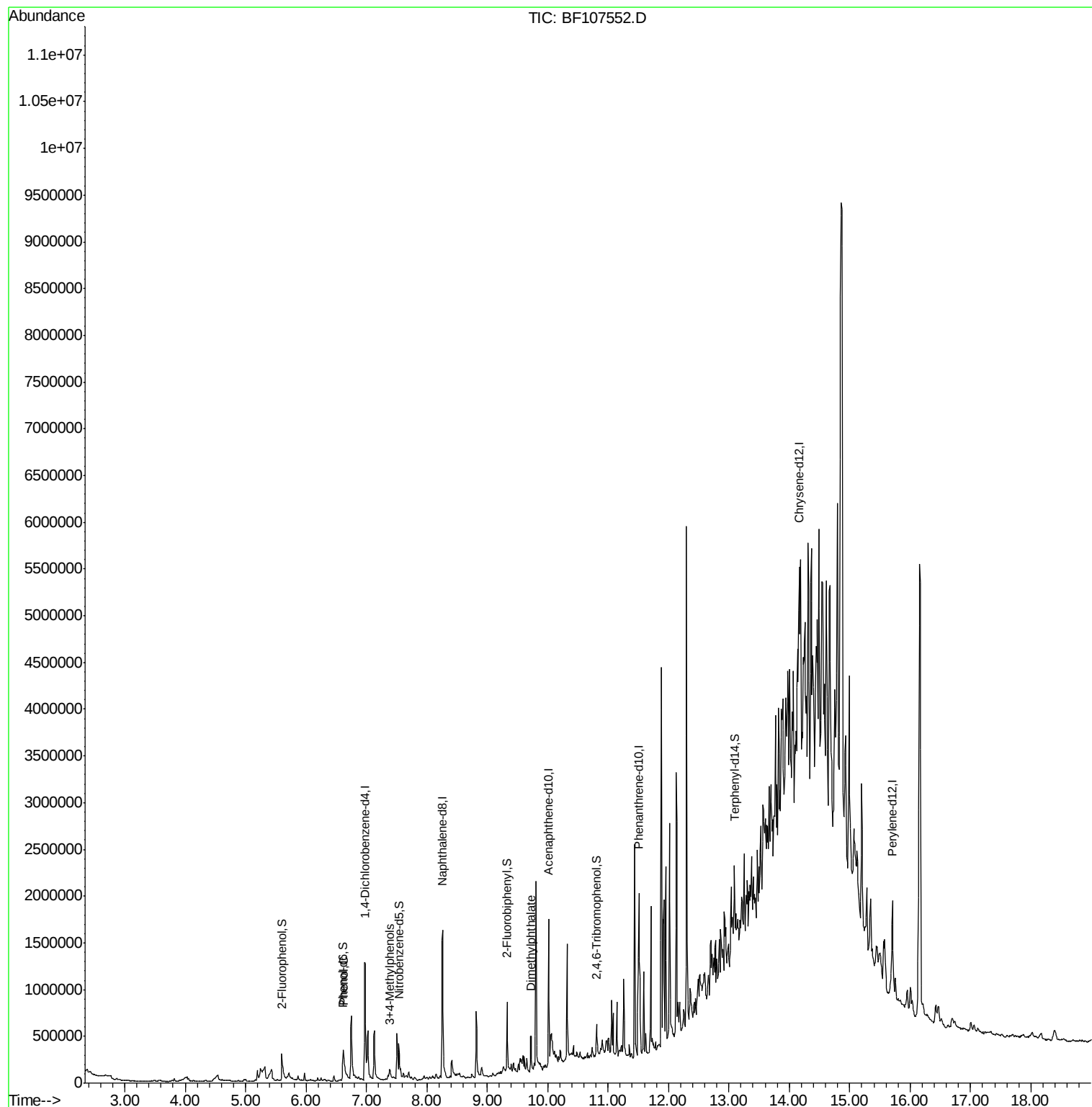
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	262141	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	909292	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	326587	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	680318	20.00	ng	0.00
75) Chrysene-d12	14.17	240	611982	20.00	ng	0.00
86) Perylene-d12	15.71	264	524383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	165474	10.15	ng	0.00
7) Phenol-d6	6.61	99	167507	8.56	ng	0.00
23) Nitrobenzene-d5	7.54	82	170322	12.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	45071	12.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	273996	8.00	ng	0.00
78) Terphenyl-d14	13.09	244	316492	13.24	ng	0.00
Target Compounds						
10) Phenol	6.62	94	167818	7.289	ng	98
20) 3+4-Methylphenols	7.38	107	60546	3.434	ng	# 88
49) Dimethylphthalate	9.72	163	171148	6.953	ng	98

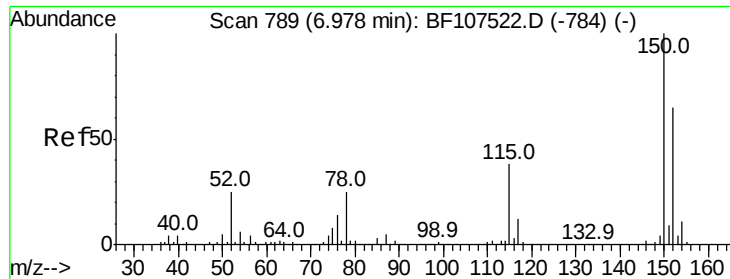
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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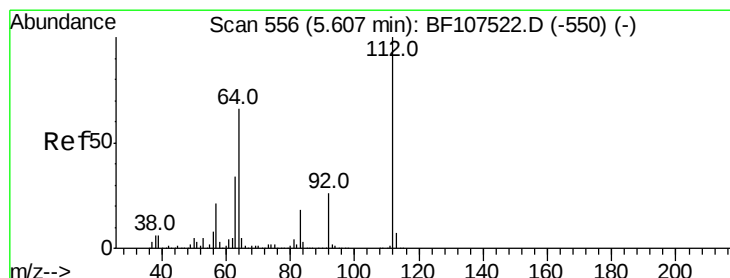
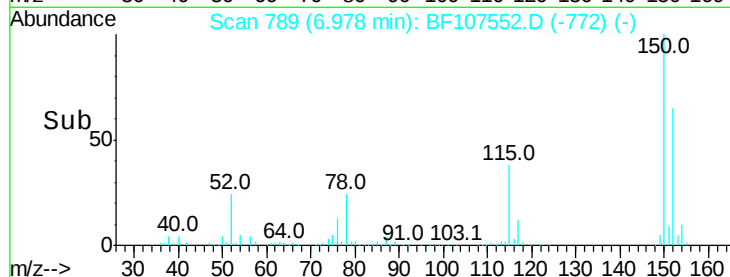
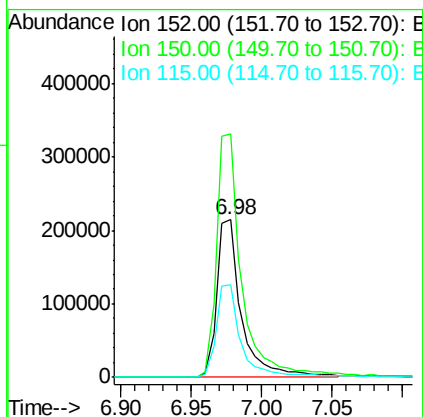
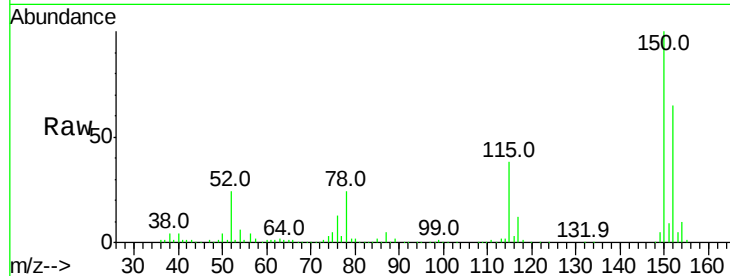


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
BNA_F
ClientSampleId :
SD-BASELINE-WATER

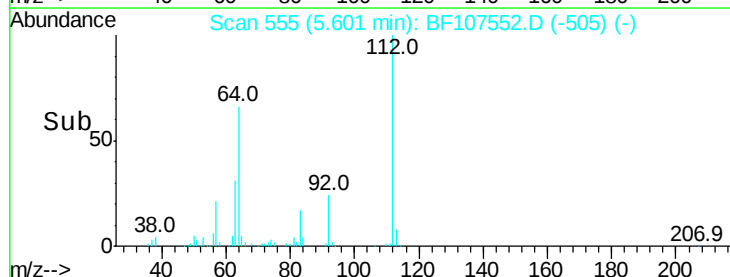
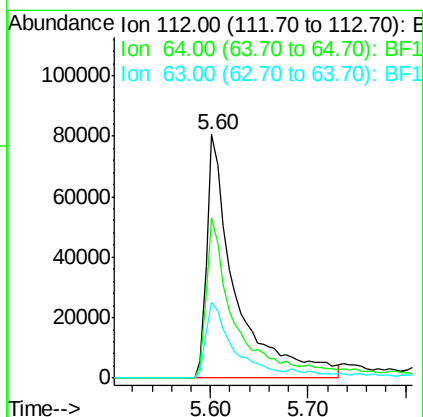
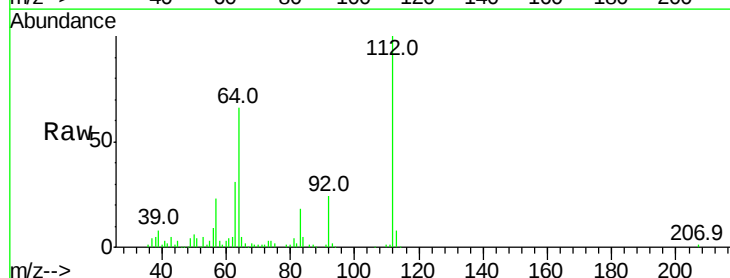
Tot Ion:152 Resp: 262141
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.8 50.1 75.1

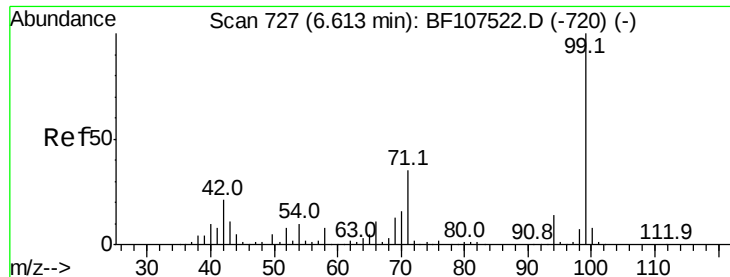


#5

2-Fluorophenol
Concen: 10.149 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Tgt Ion:112 Resp: 165474
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 8.556 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

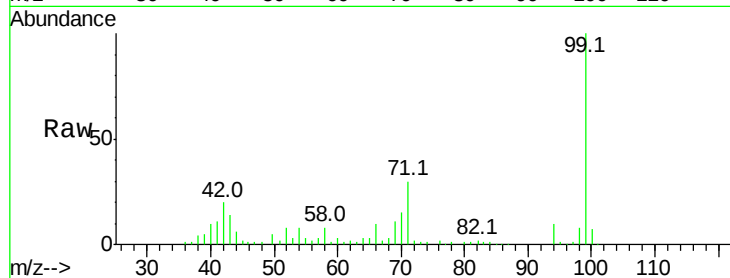
BNA_F

ClientSampleId :

SD-BASELINE-WATER

Tot Ion: 99 Resp: 167507

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	30.1	25.4	38.0

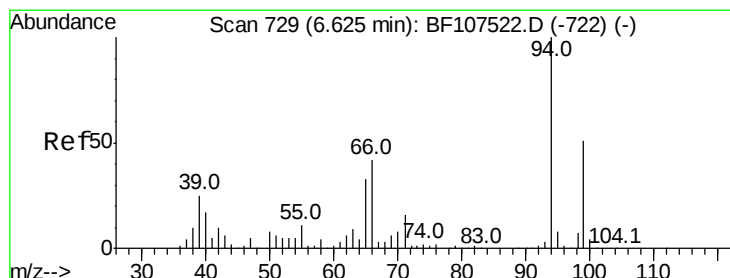
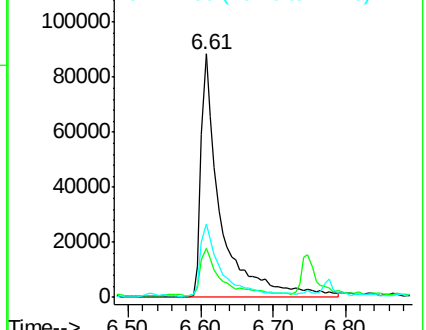
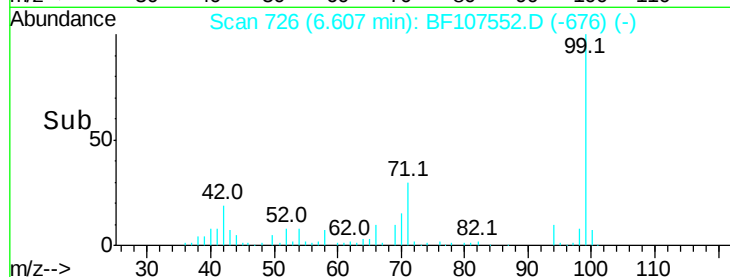


Abundance

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



#10

Phenol

Concen: 7.289 ng

RT: 6.62 min Scan# 728

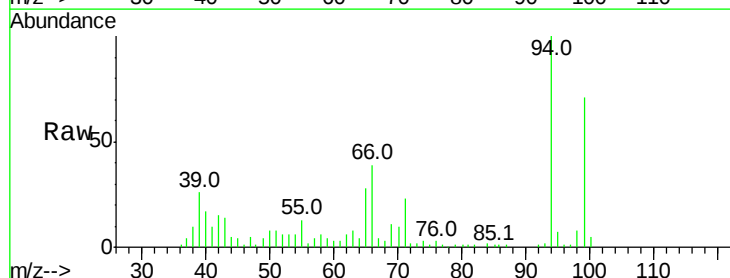
Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Tgt Ion: 94 Resp: 167818

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	38.5	16.2	56.2

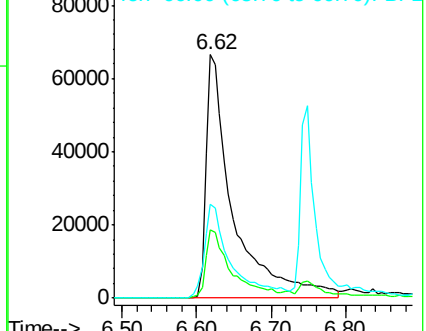
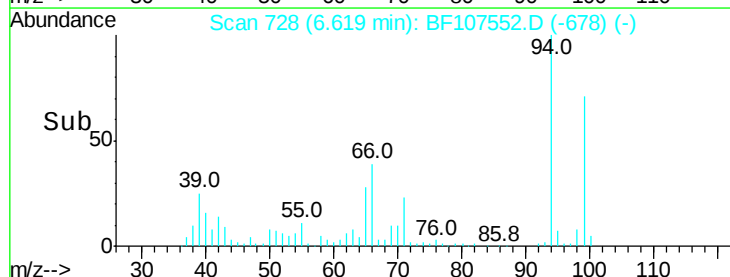


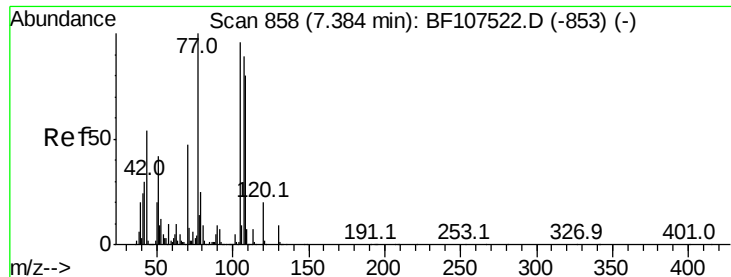
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

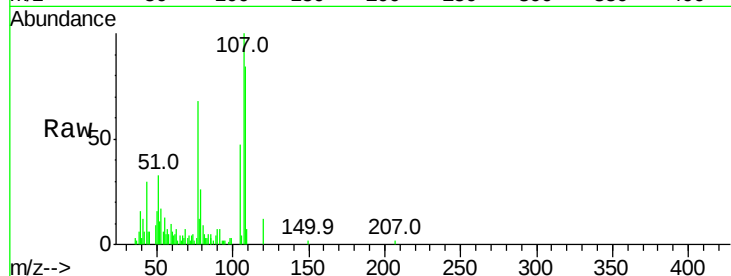




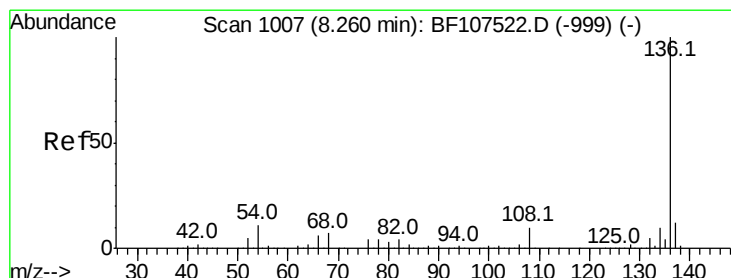
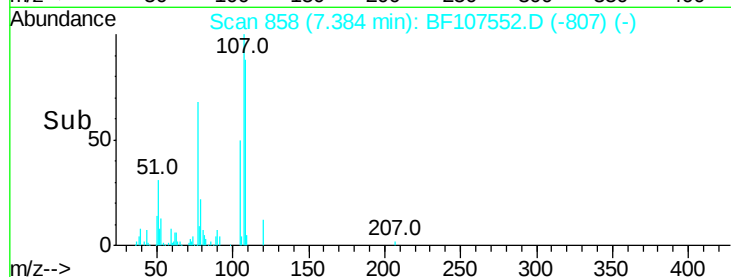
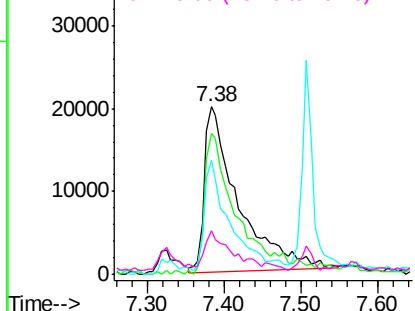
#20
 3+4-Methylphenols
 Concen: 3.434 ng
 RT: 7.38 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

Tot Ion:	107	Resp:	60546
Ion	Ratio	Lower	Upper
107	100		
108	84.3	68.2	108.2
77	68.0	26.7	66.7#
79	25.7	6.3	46.3

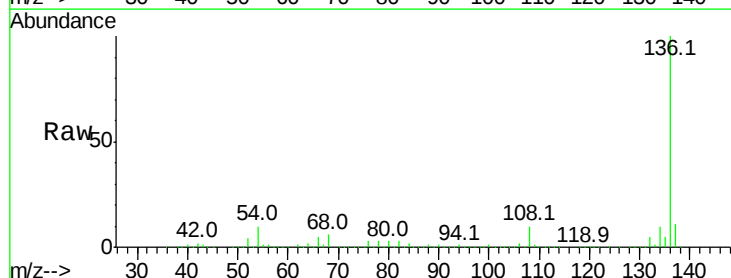


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

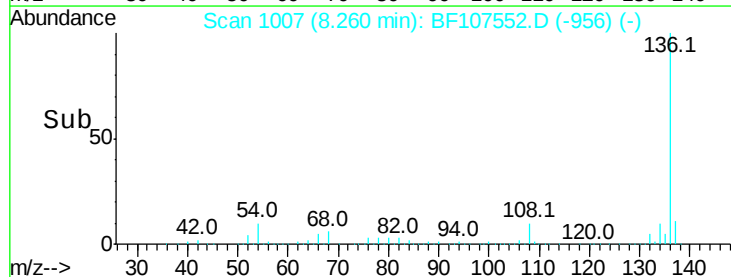
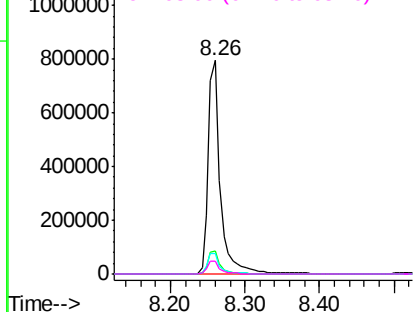


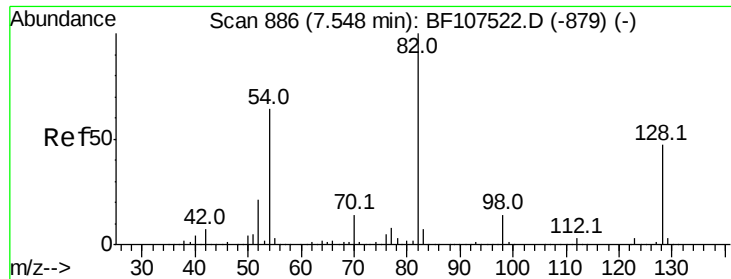
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.26 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Tgt Ion:	136	Resp:	909292
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	6.2	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

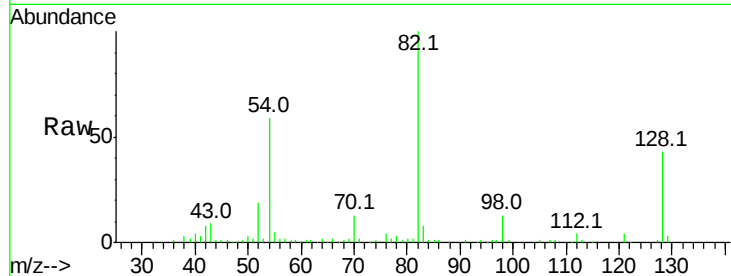




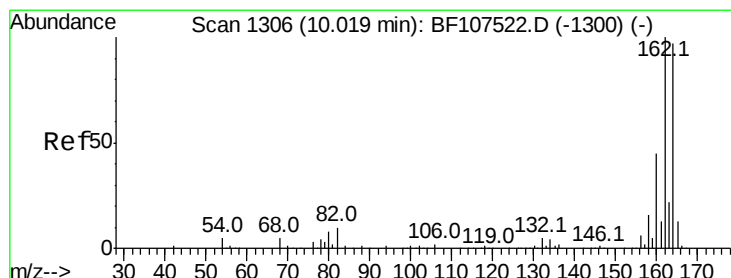
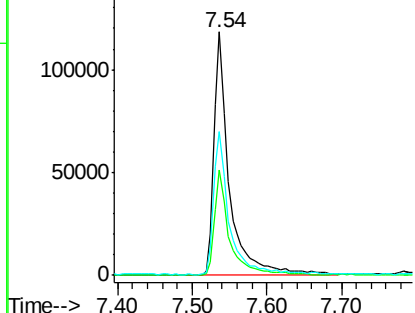
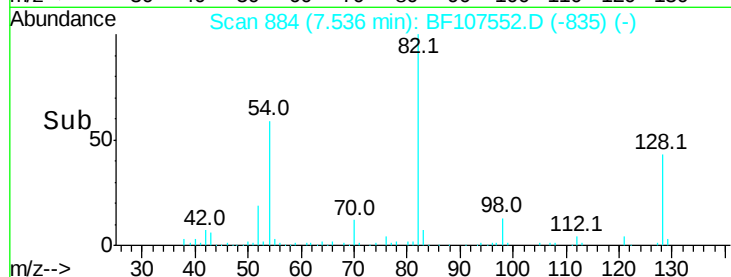
#23
Nitrobenzene-d5
Concen: 12.641 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
BNA_F
ClientSampleId :
SD-BASELINE-WATER

Tot Ion: 82 Resp: 170322
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 59.1 41.4 62.2

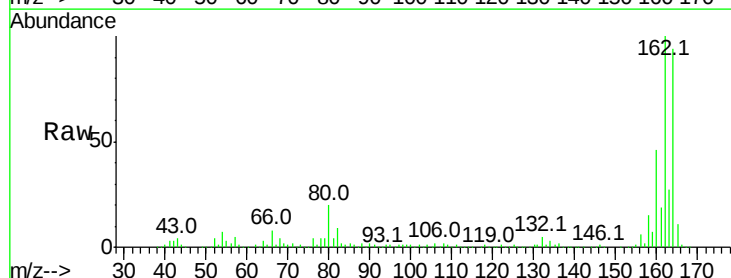


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

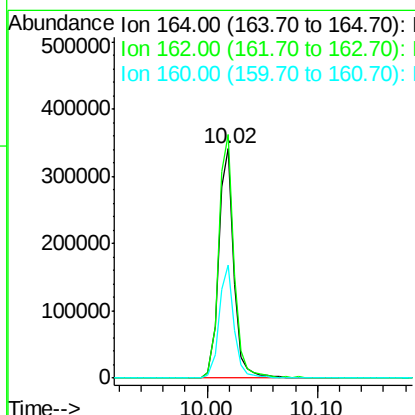
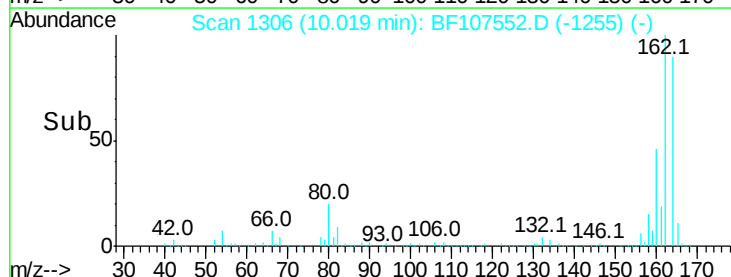


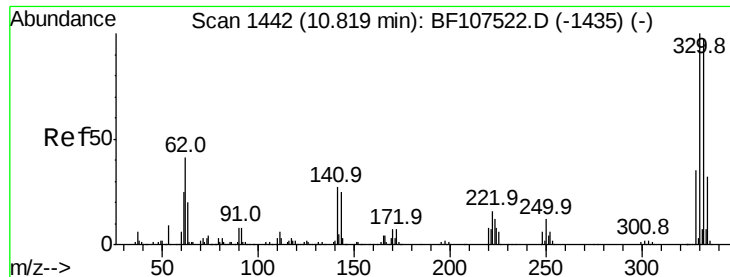
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Tgt Ion:164 Resp: 326587
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 49.1 38.3 57.5



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

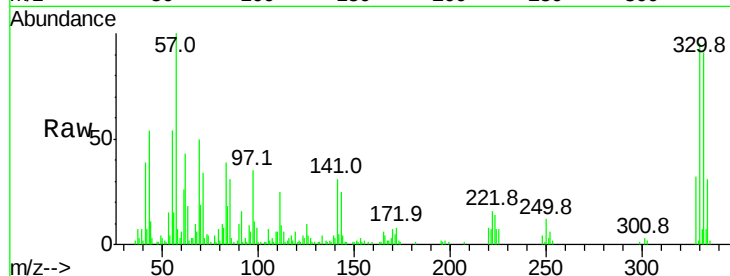




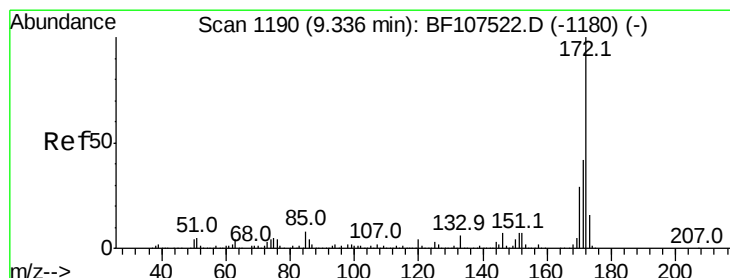
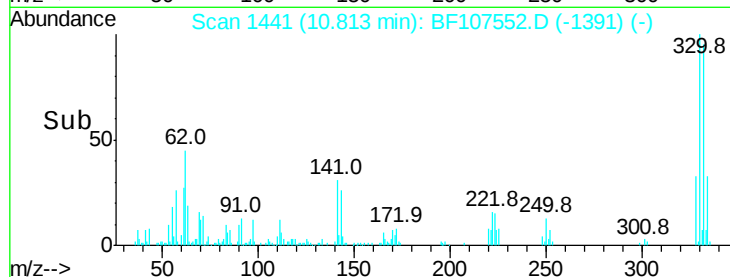
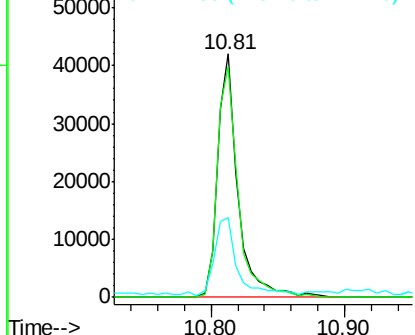
#41
 2,4,6-Tribromophenol
 Concen: 12.136 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Instrument :
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Tot Ion:330 Resp: 45071
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.9 29.9 44.9

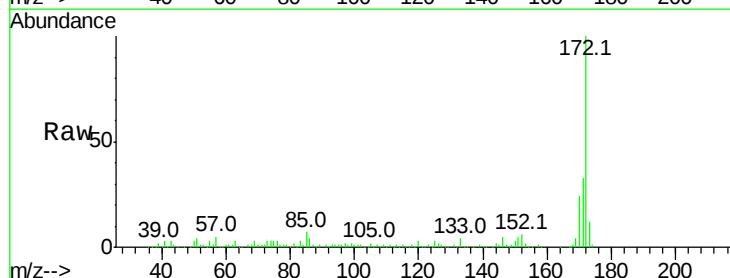


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

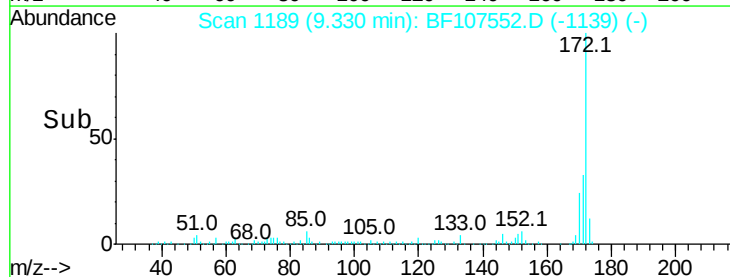
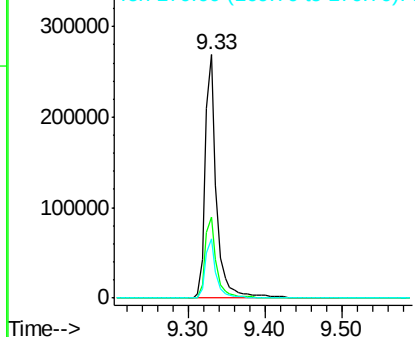


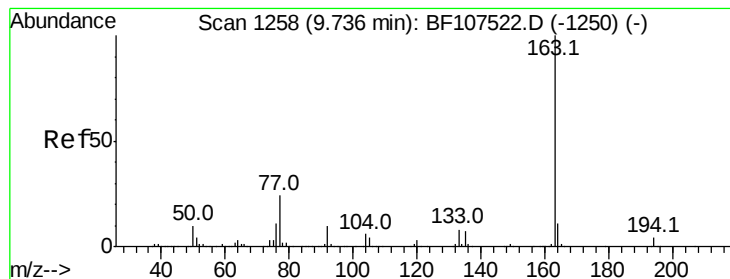
#44
 2-Fluorobiphenyl
 Concen: 8.003 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Tgt Ion:172 Resp: 273996
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 24.2 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: 6.953 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

BNA_F

ClientSampleId :

SD-BASELINE-WATER

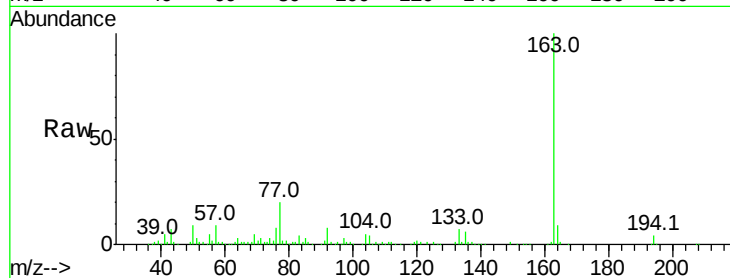
Tot Ion:163 Resp: 171148

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

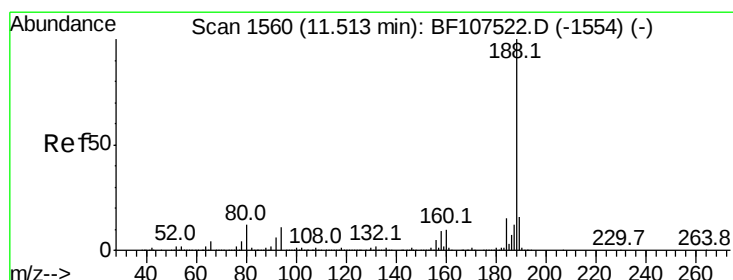
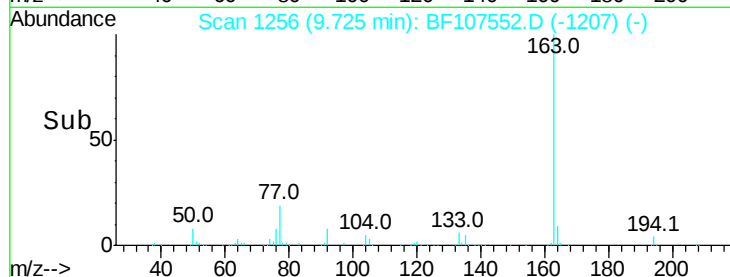
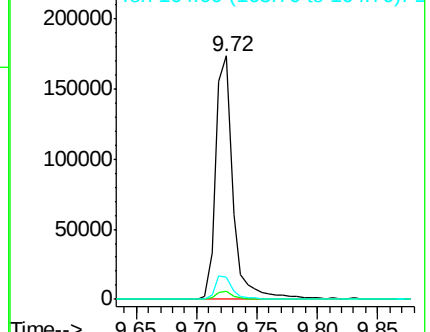
164 9.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

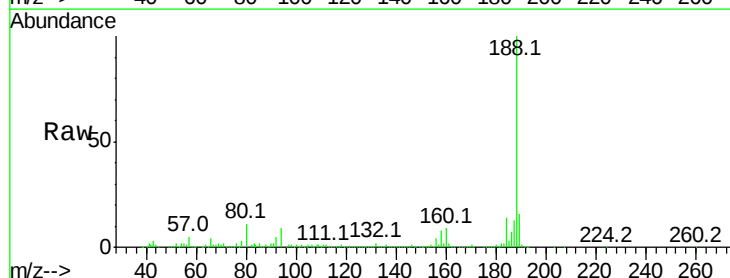
Tgt Ion:188 Resp: 680318

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

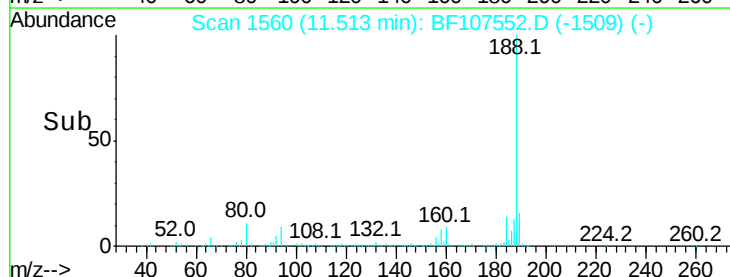
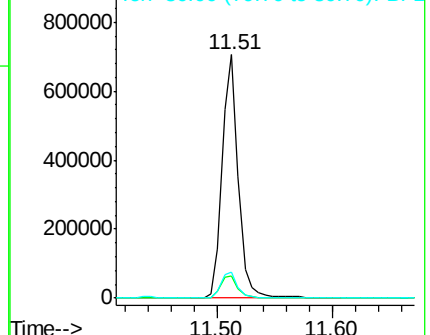
80 10.6 9.2 13.8

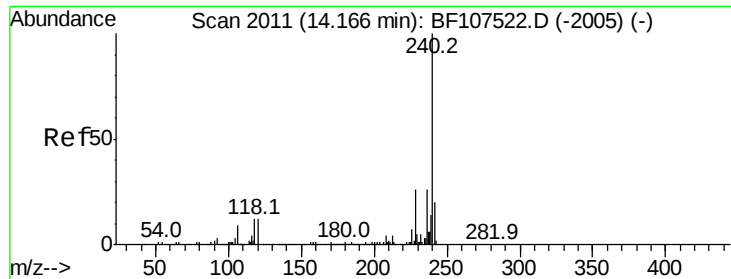


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

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SD-BASELINE-WATER

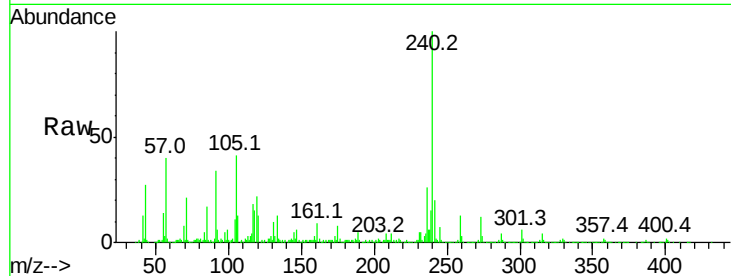
Tot Ion:240 Resp: 611982

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

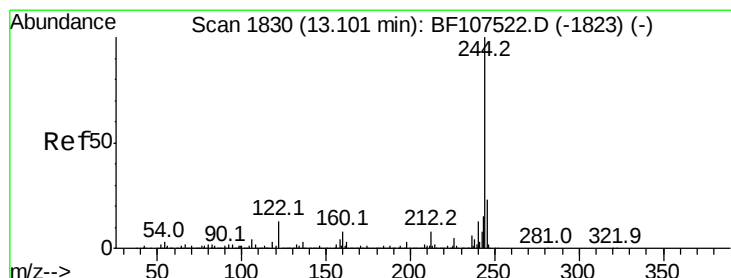
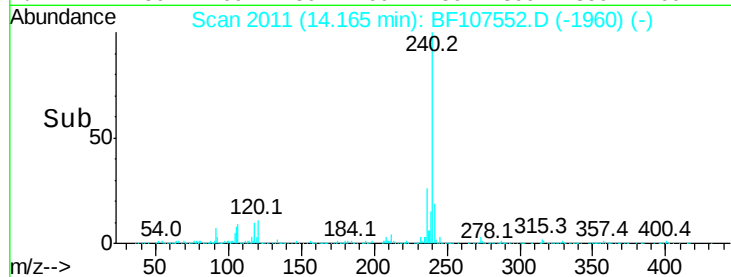
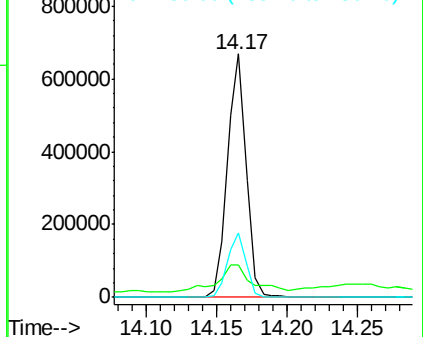
236 26.3 20.7 31.1



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: 13.240 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

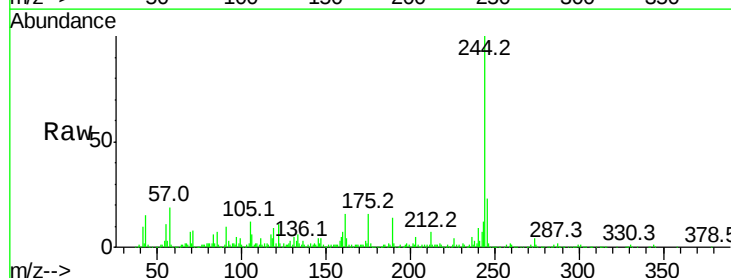
Tgt Ion:244 Resp: 316492

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

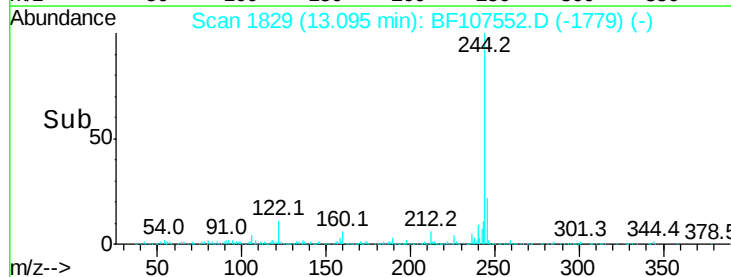
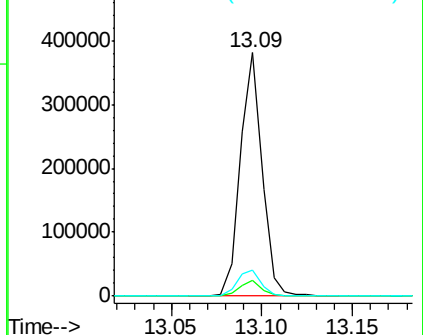
122 10.9 11.0 16.4#

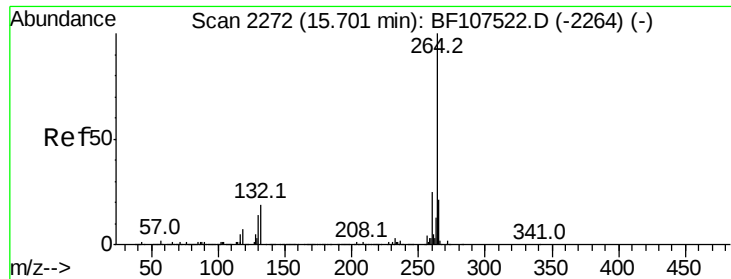


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
BNA_F
ClientSampleId :
SD-BASELINE-WATER

Tot Ion: 264 Resp: 524383

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

