

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107153.D
 Acq On : 6 Jul 2018 5:31
 Operator : JU/SJ
 Sample : J3836-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-070218

Quant Time: Jul 06 08:21:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

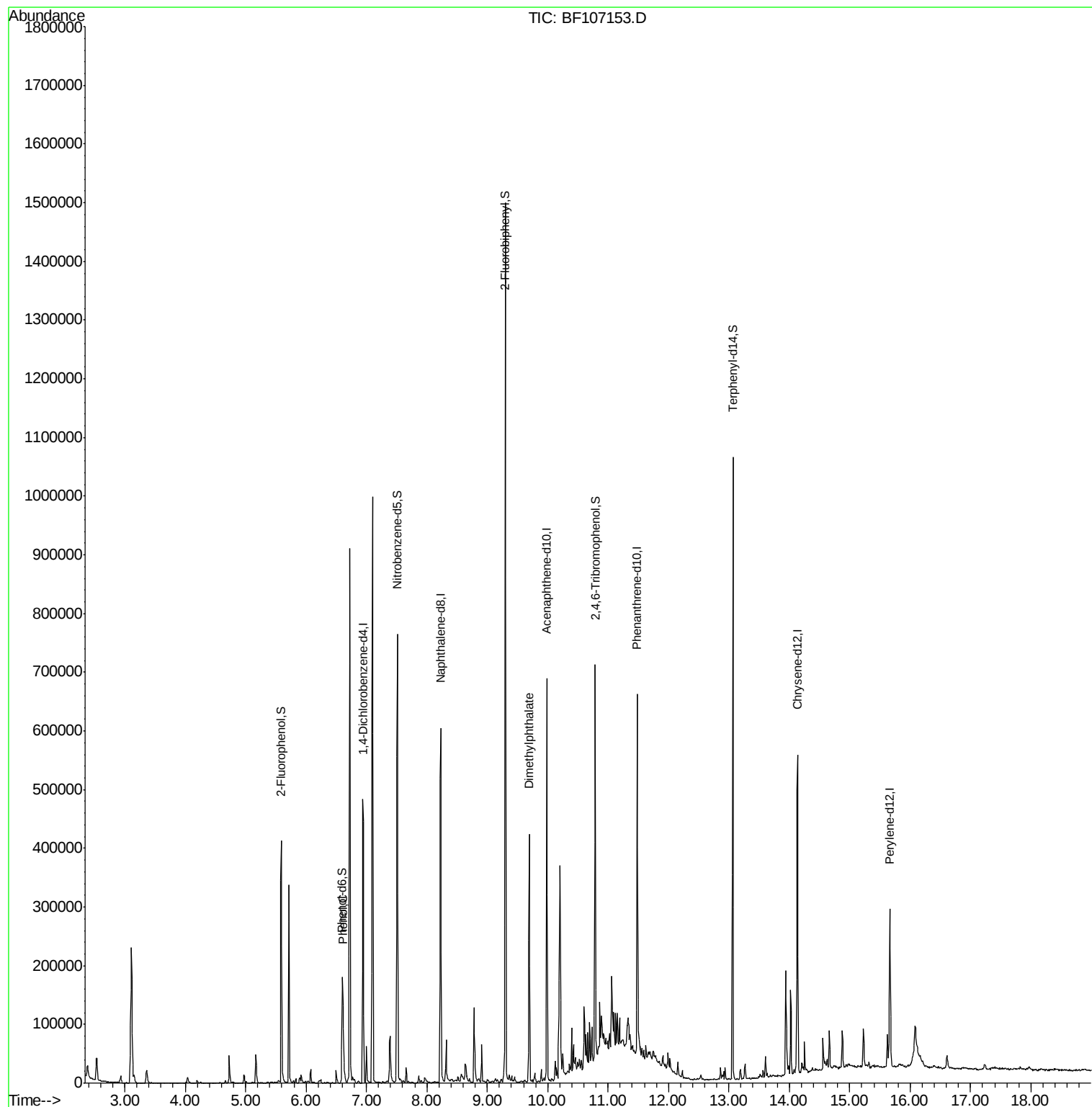
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	76731	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	295437	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	134657	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	211595	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	198612	20.00	ng	-0.03
86) Perylene-d12	15.67	264	138689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	136797	30.19	ng	-0.01
7) Phenol-d6	6.60	99	91132	16.10	ng	-0.01
23) Nitrobenzene-d5	7.51	82	260035	48.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	95539	61.22	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	472524	54.02	ng	-0.02
78) Terphenyl-d14	13.07	244	384368	46.88	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	30547	4.730	ng	95
49) Dimethylphthalate	9.70	163	159476	15.791	ng	98

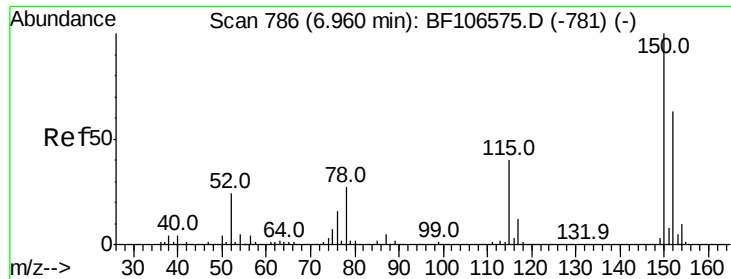
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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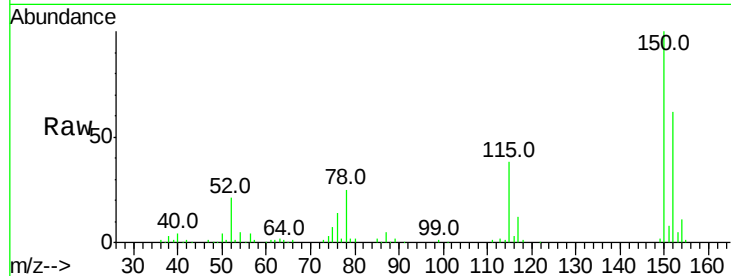


#1

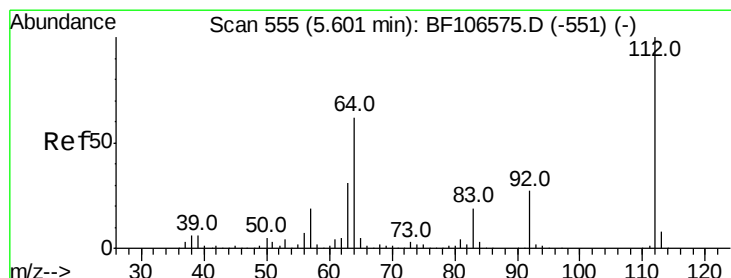
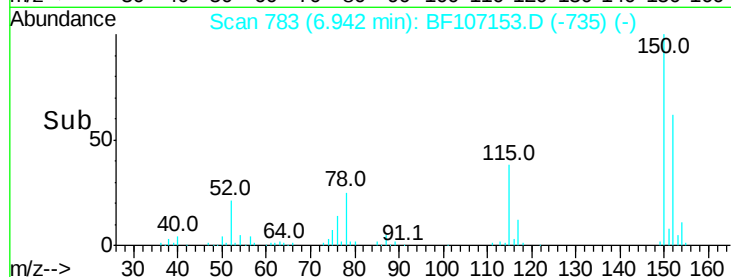
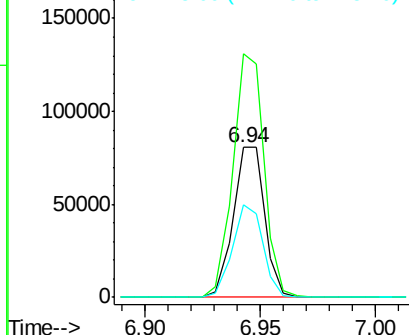
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-070218

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	61.6	50.1	75.1



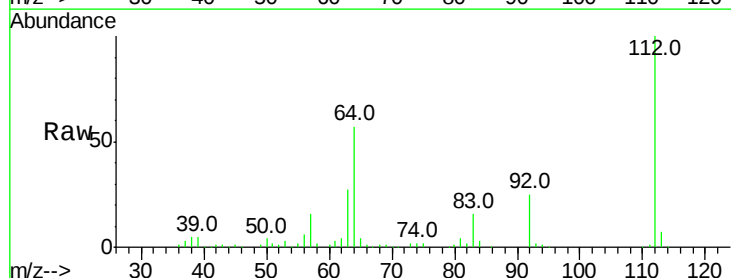
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



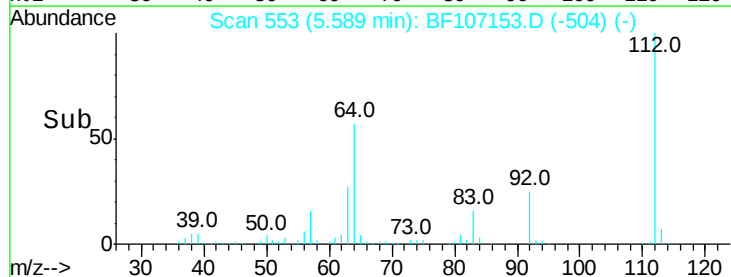
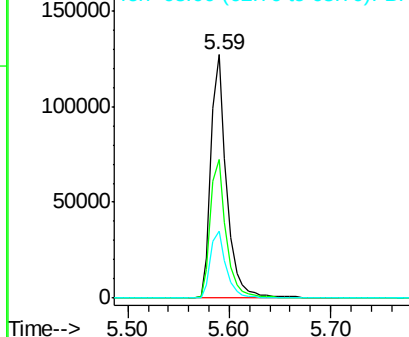
#5

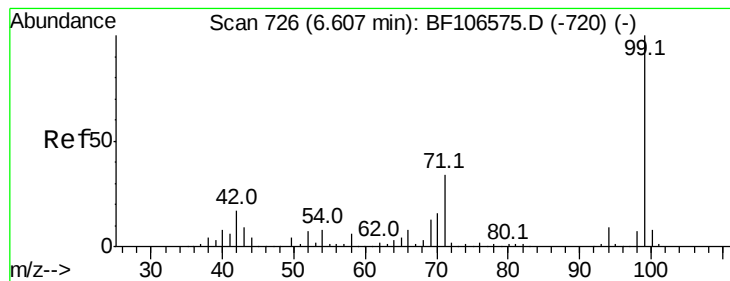
2-Fluorophenol
 Concen: 30.189 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	27.4	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: 16.104 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DSN-002A-070218

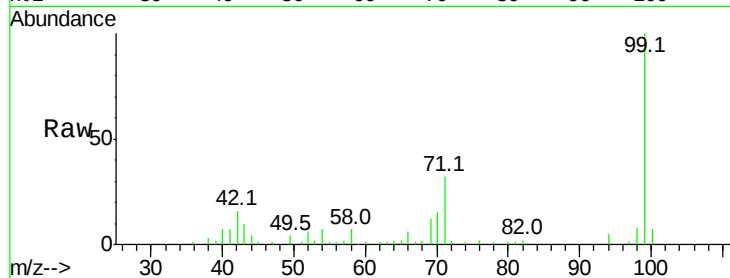
Tot Ion: 99 Resp: 91132

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

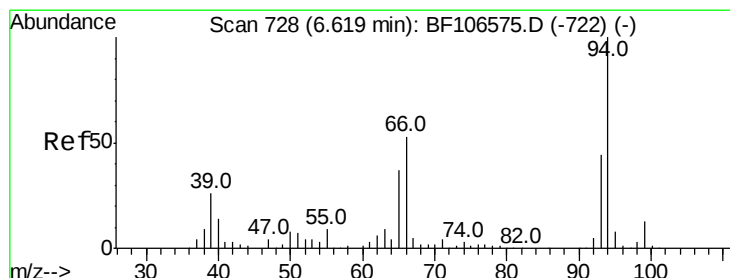
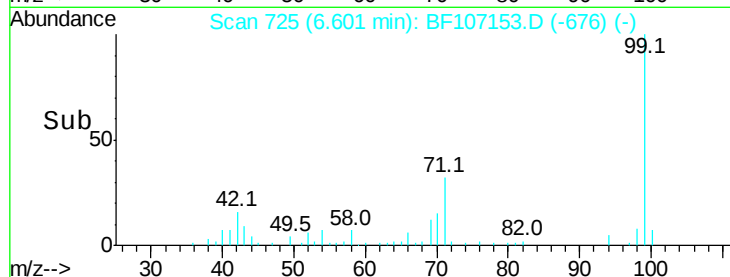
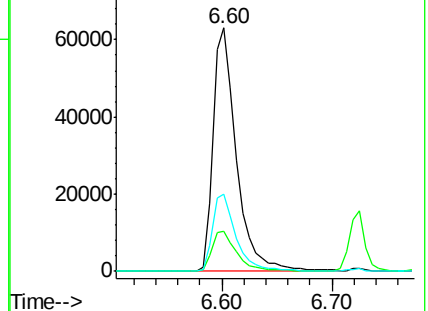
71 31.5 25.4 38.0



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: 4.730 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

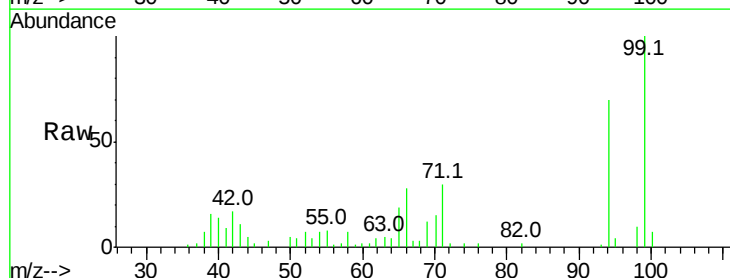
Tgt Ion: 94 Resp: 30547

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

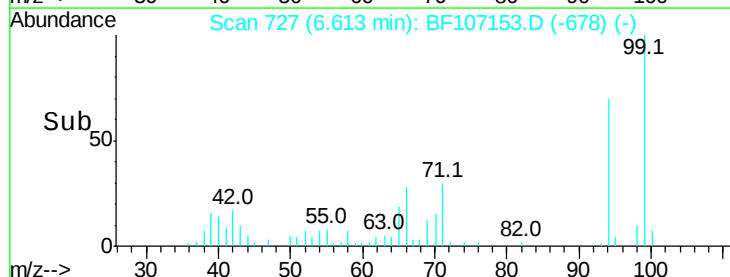
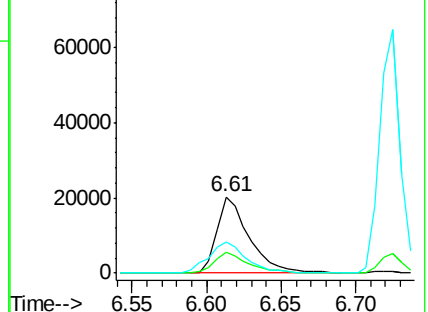
66 40.4 16.2 56.2

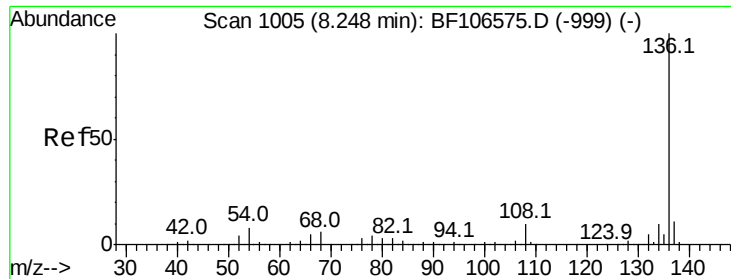


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

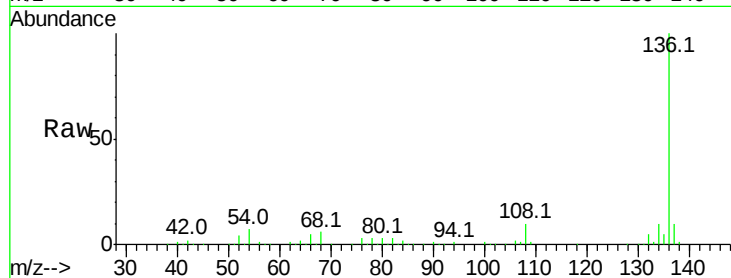




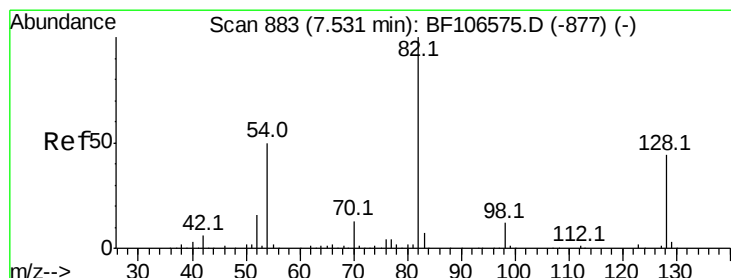
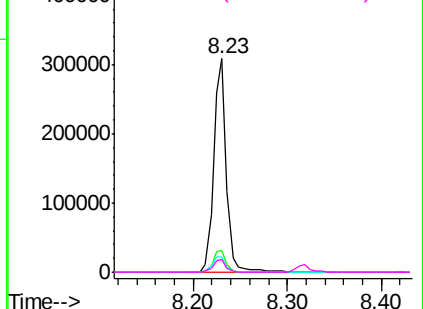
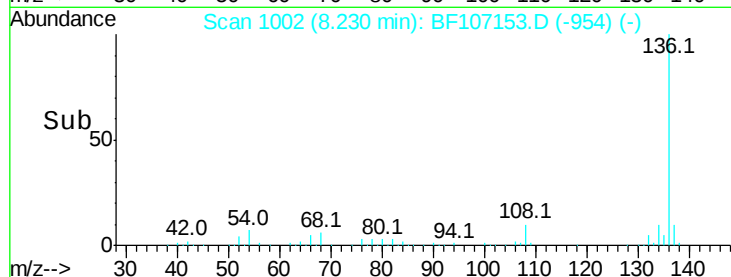
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Instrument :
BNA_F
ClientSampleId :
DSN-002A-070218

Tot Ion:	136	Resp:	295437
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

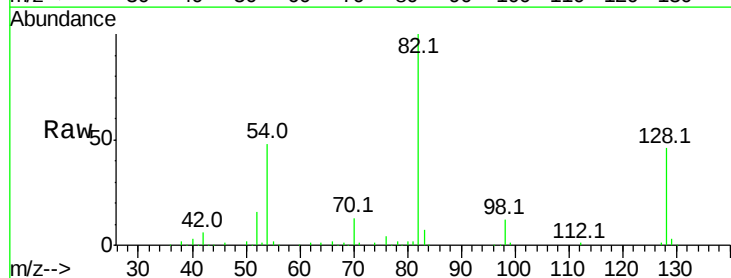


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

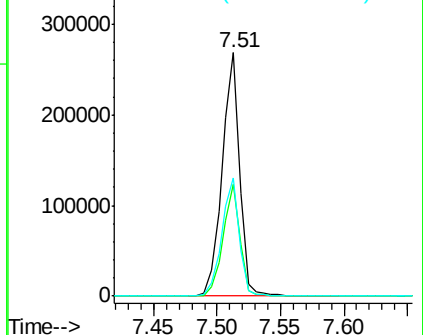
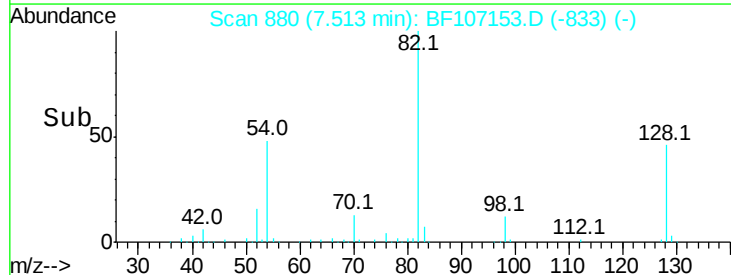


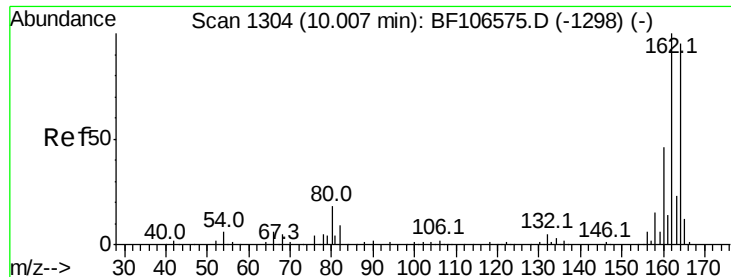
#23
Nitrobenzene-d5
Concen: 48.914 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion:	82	Resp:	260035
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	48.5	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

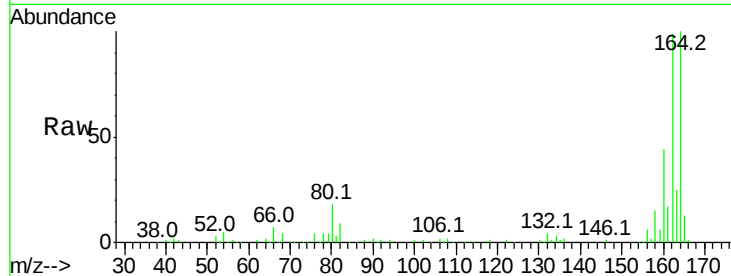




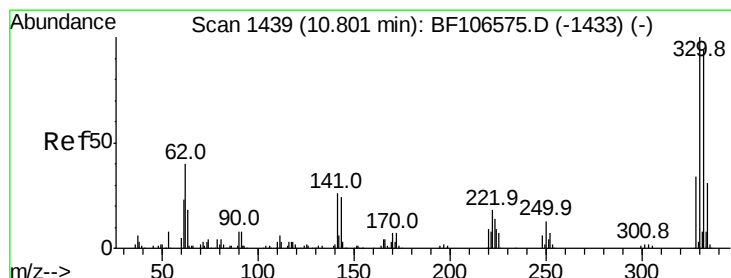
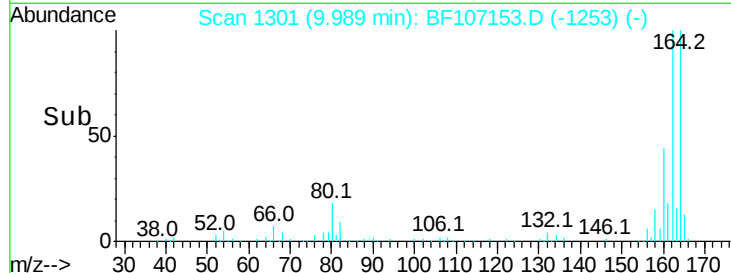
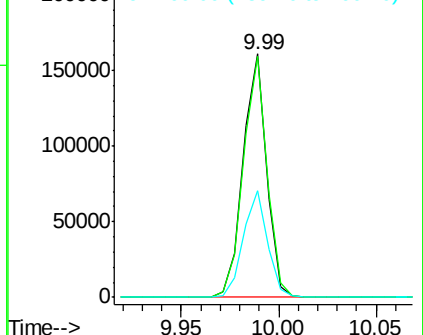
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Instrument :
BNA_F
ClientSampleId :
DSN-002A-070218

Tot Ion:164 Resp: 134657
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 43.9 38.3 57.5

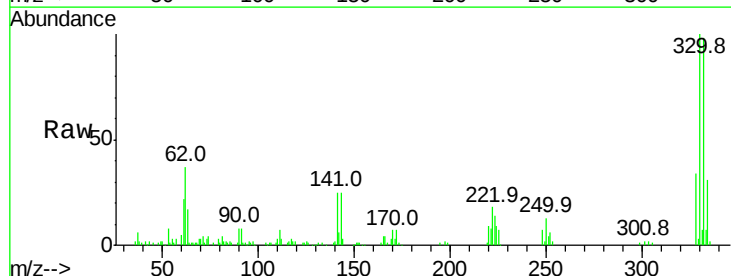


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

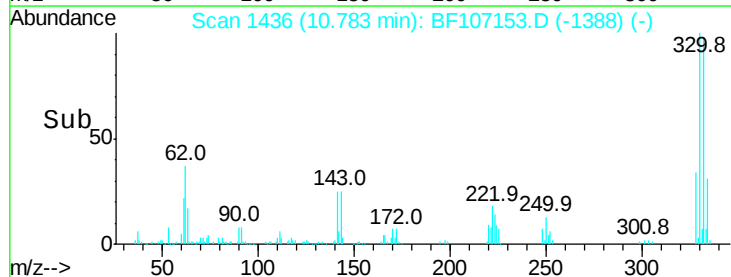
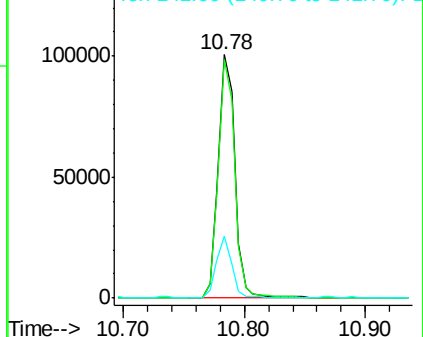


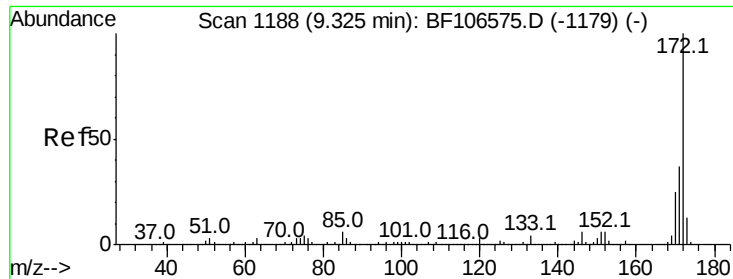
#41
2,4,6-Tribromophenol
Concen: 61.215 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion:330 Resp: 95539
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 23.8 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



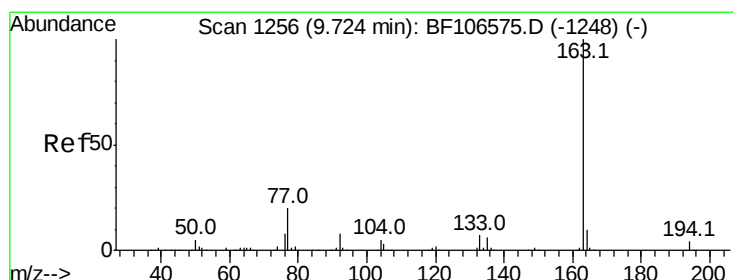
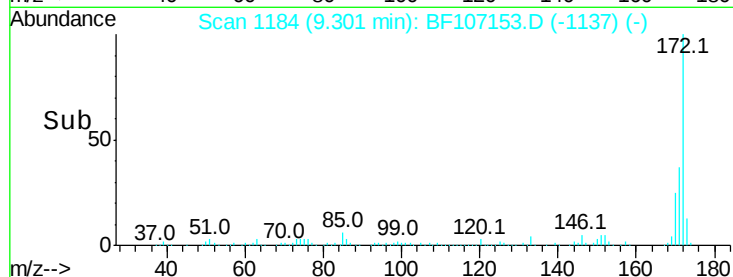
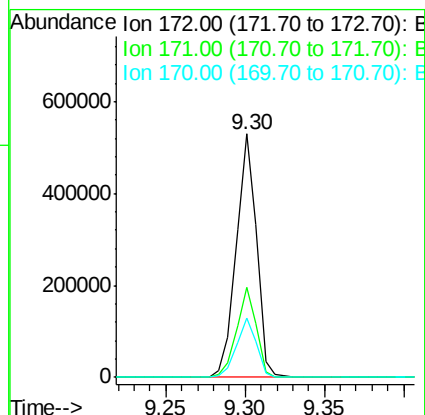
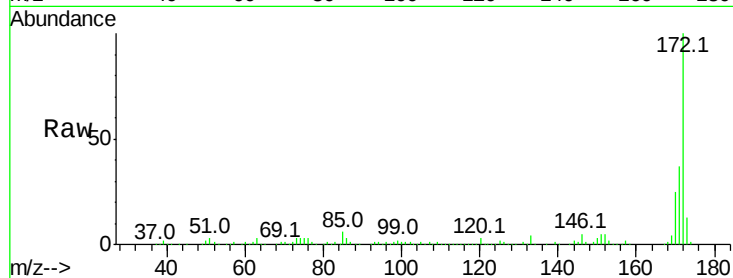


#44
 2-Fluorobiphenyl
 Concen: 54.019 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-070218

Tot Ion:172 Resp: 472524

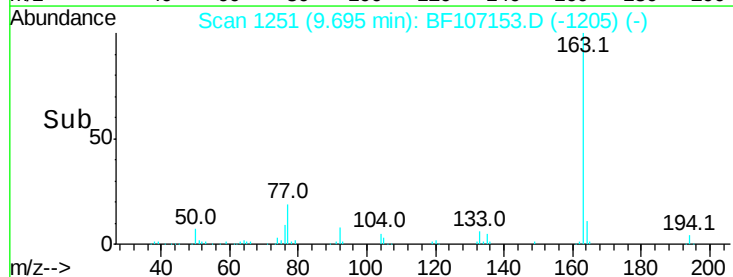
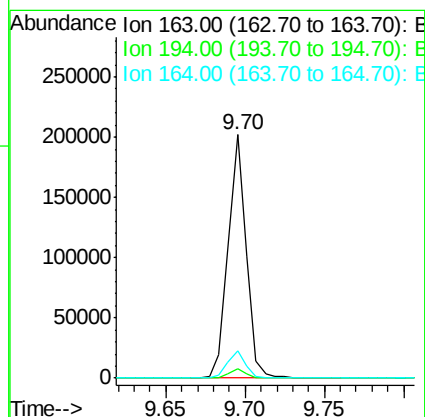
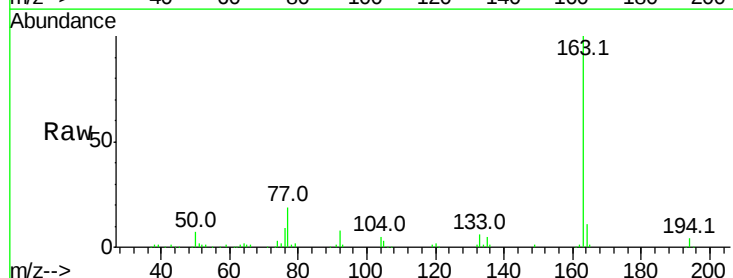
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4

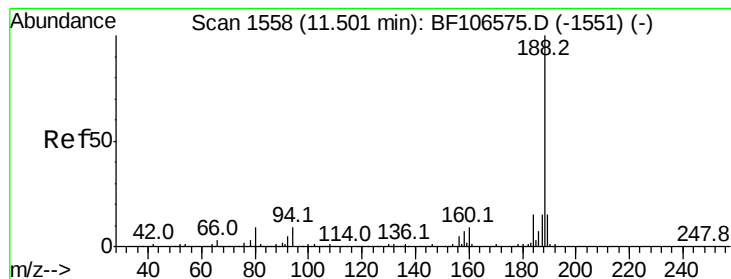


#49
 Dimethylphthalate
 Concen: 15.791 ng
 RT: 9.70 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt Ion:163 Resp: 159476

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.1	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DSN-002A-070218

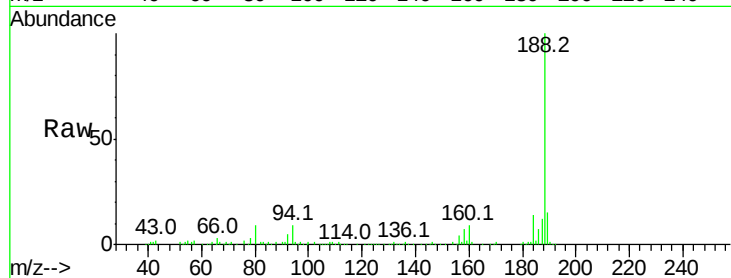
Tot Ion:188 Resp: 211595

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

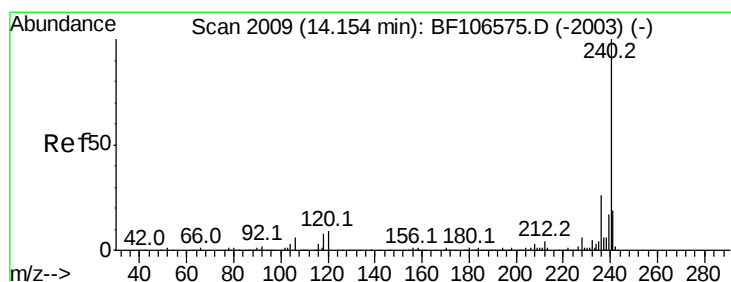
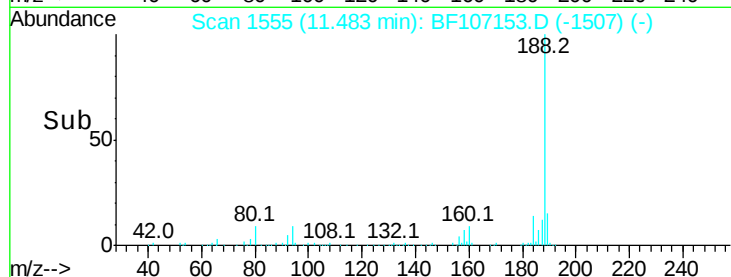
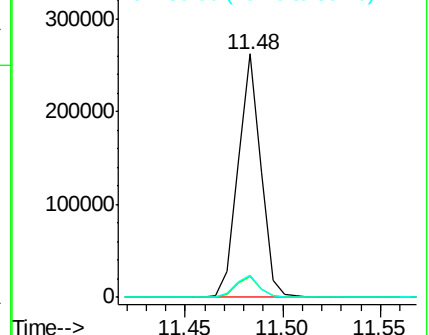
80 9.3 9.2 13.8



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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

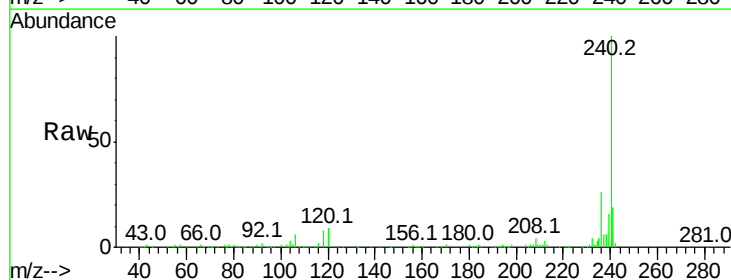
Tgt Ion:240 Resp: 198612

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

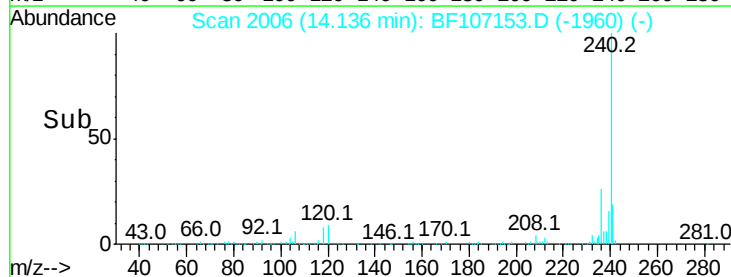
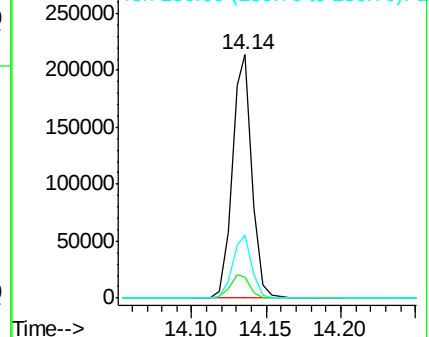
236 25.9 20.7 31.1

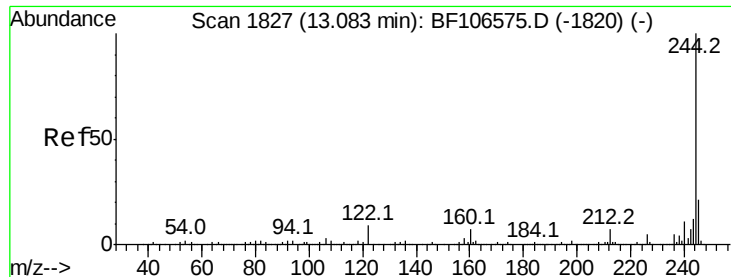


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

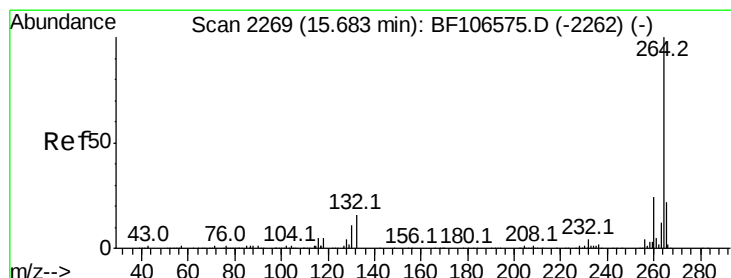
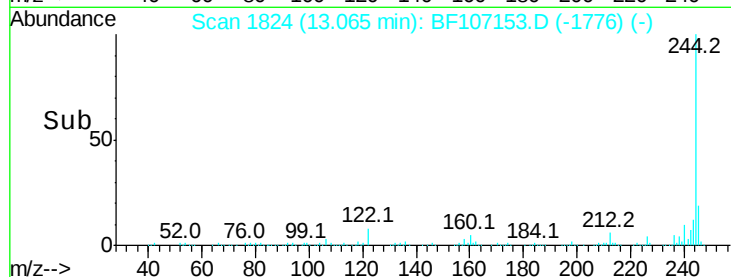
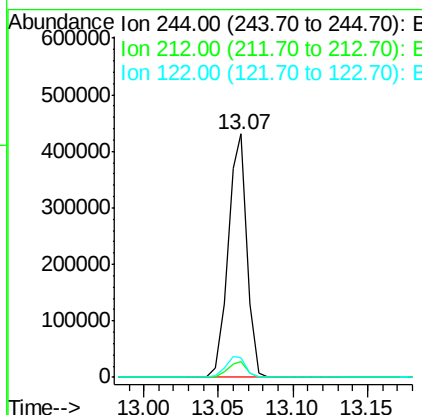
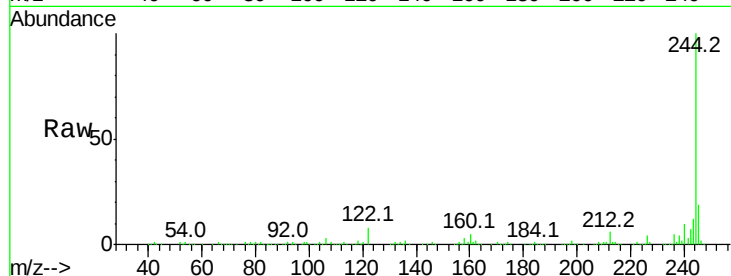




#78
 Terphenyl-d14
 Concen: 46.878 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-070218

Tot Ion:244 Resp: 384368
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt Ion:264 Resp: 138689
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.5 26.3

