

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108996.D
 Acq On : 14 Sep 2018 15:56
 Operator : JU/SJ
 Sample : J4882-01 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 16:44:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

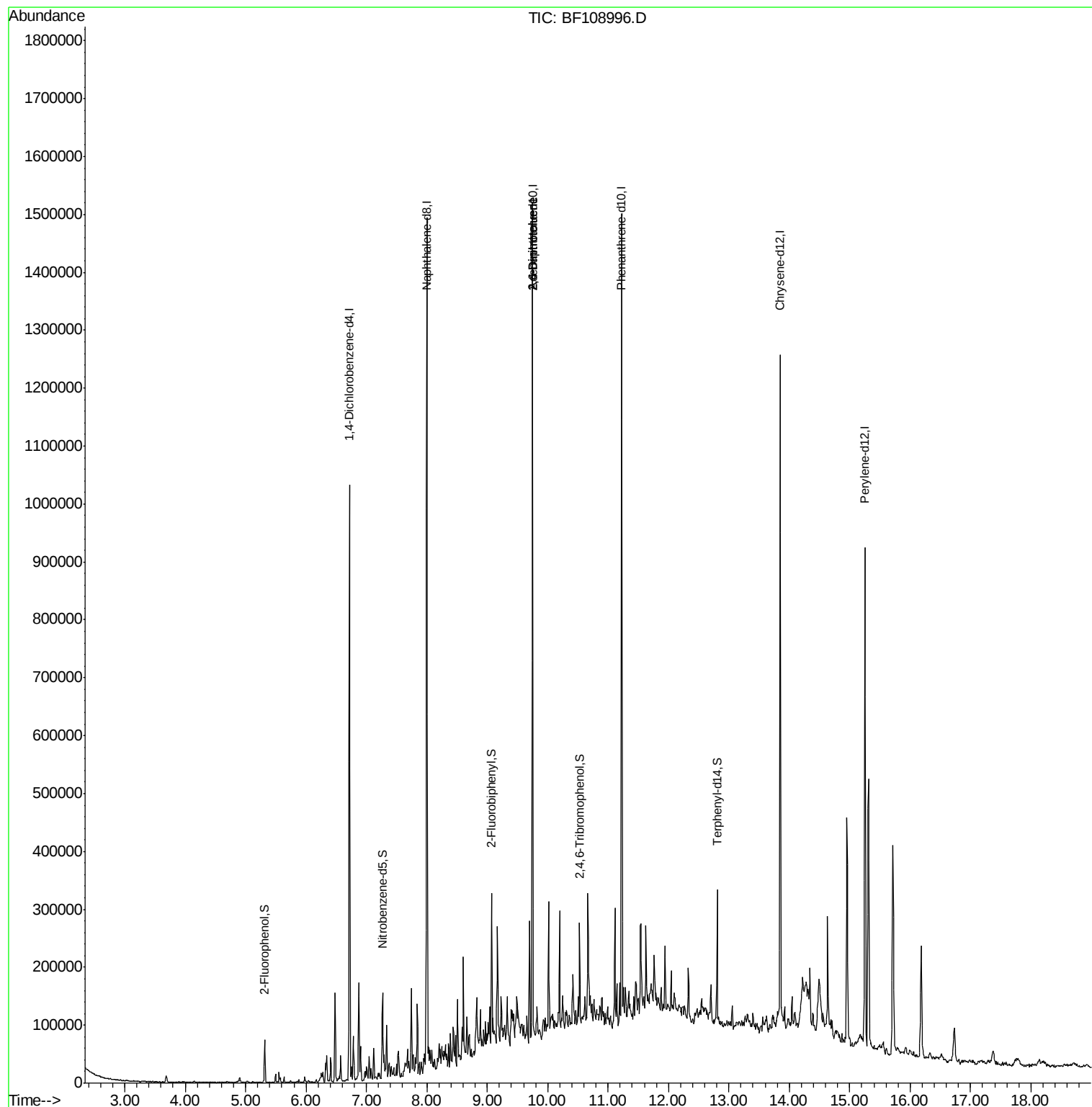
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136729	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	537388	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257328	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497248	20.00	ng	0.00
75) Chrysene-d12	13.85	240	361698	20.00	ng	-0.01
86) Perylene-d12	15.25	264	361775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	18599	2.26	ng	-0.01
7) Phenol-d6	6.34	99	15175	1.43	ng	-0.02
23) Nitrobenzene-d5	7.27	82	38643	4.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	16153	5.78	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	79615	4.85	ng	-0.01
78) Terphenyl-d14	12.81	244	75707	4.96	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	34035	8.344	ng	# 27
56) 2,4-Dinitrotoluene	9.75	165	34035	6.381	ng	# 25

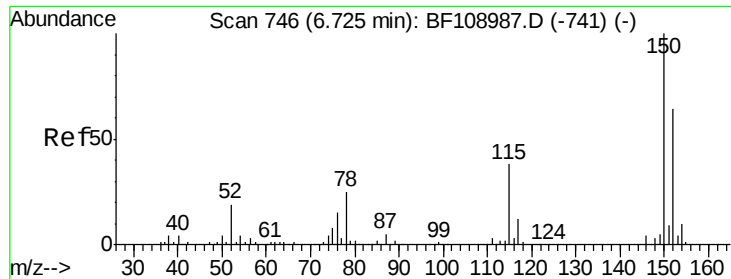
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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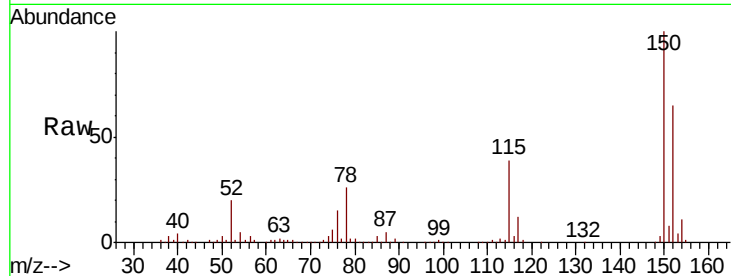


#1

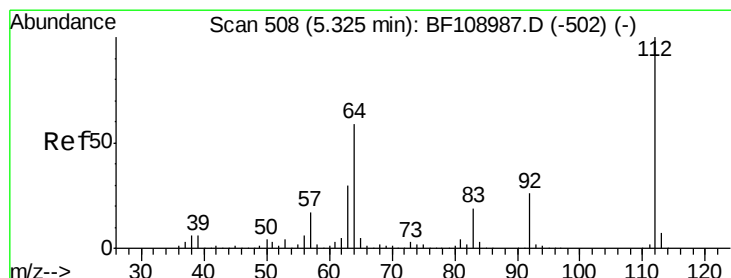
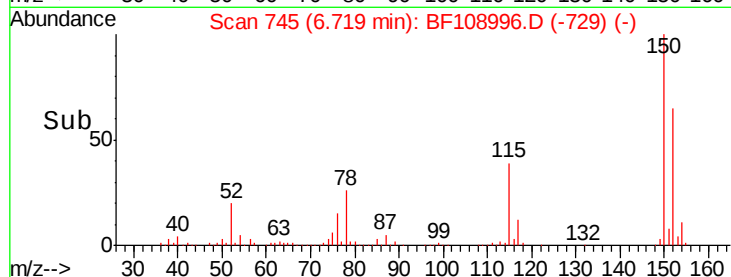
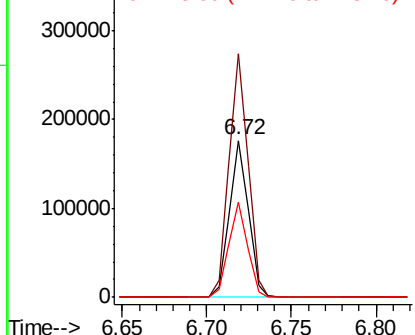
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF108996.D
Acq: 14 Sep 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136729
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.8 50.1 75.1



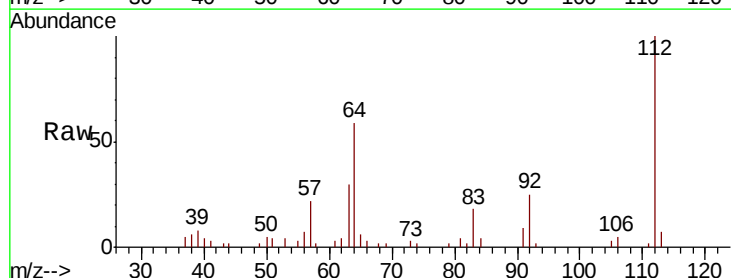
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



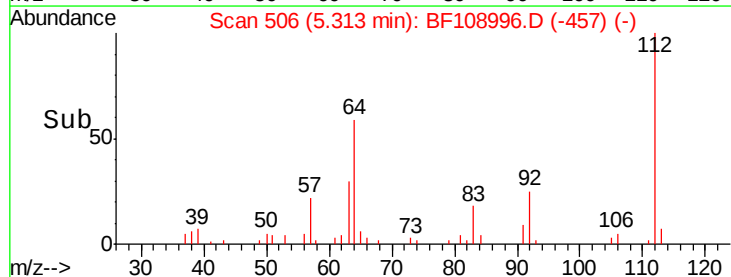
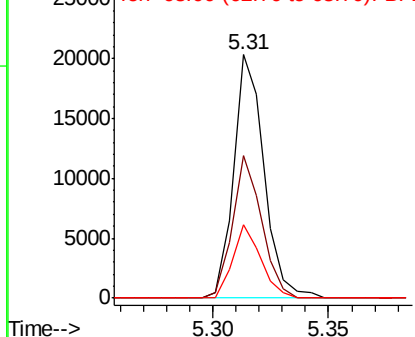
#5

2-Fluorophenol
Concen: 2.259 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF108996.D
Acq: 14 Sep 2018 15:56

Tgt Ion:112 Resp: 18599
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.1 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: 1.430 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF108996.D

Acq: 14 Sep 2018 15:56

Instrument :

BNA_F

ClientSampleId :

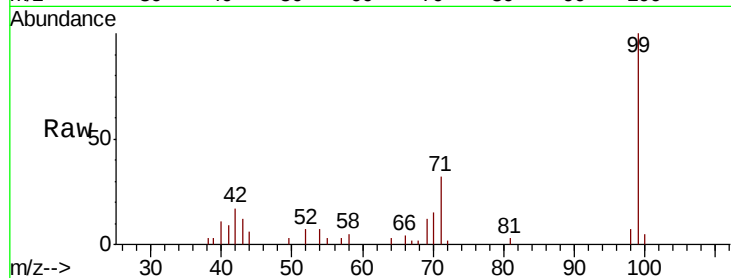
Tot Ion: 99 Resp: 15175

Ion Ratio Lower Upper

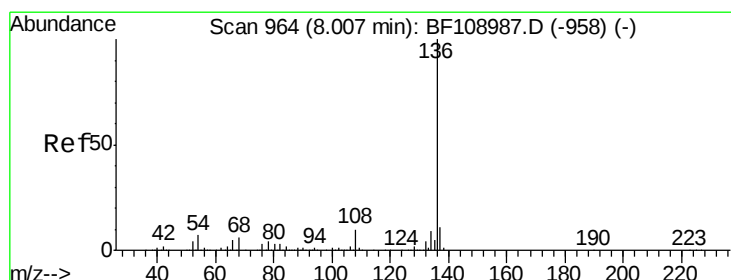
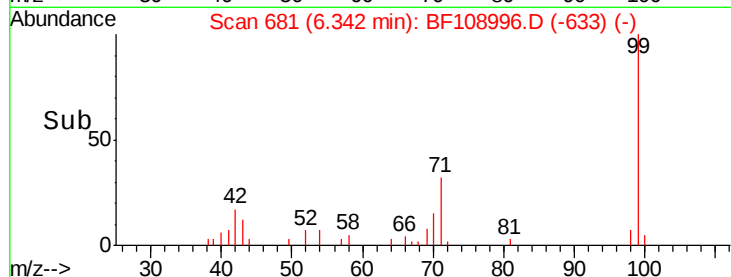
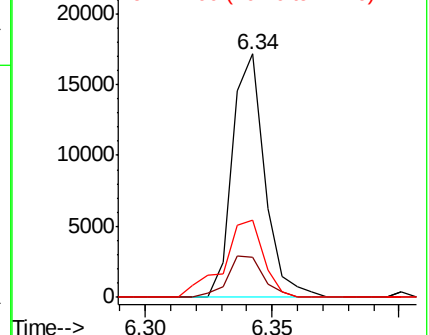
99 100

42 16.7 14.5 21.7

71 31.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF108996.D

Acq: 14 Sep 2018 15:56

Tgt Ion: 136 Resp: 537388

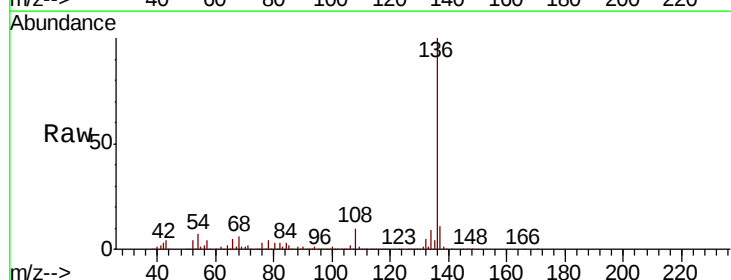
Ion Ratio Lower Upper

136 100

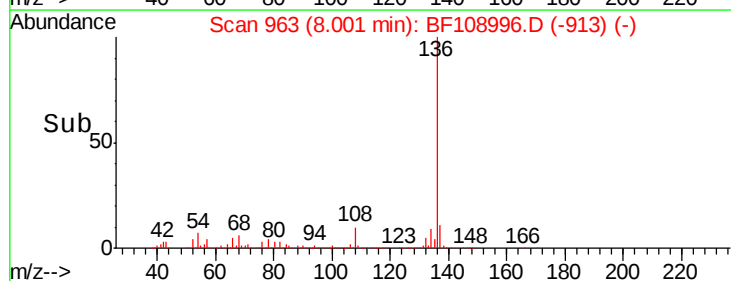
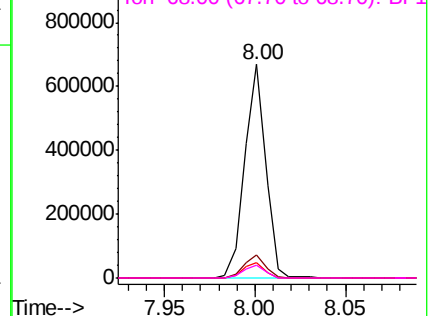
137 10.9 8.9 13.3

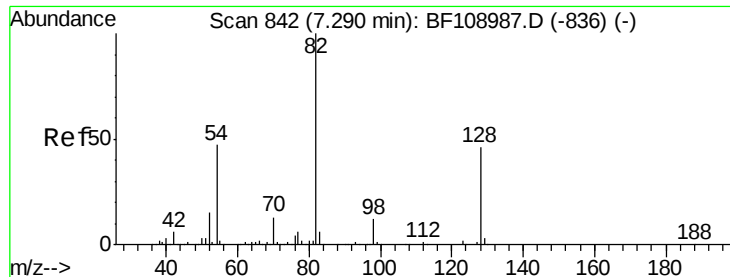
54 7.2 6.6 9.8

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

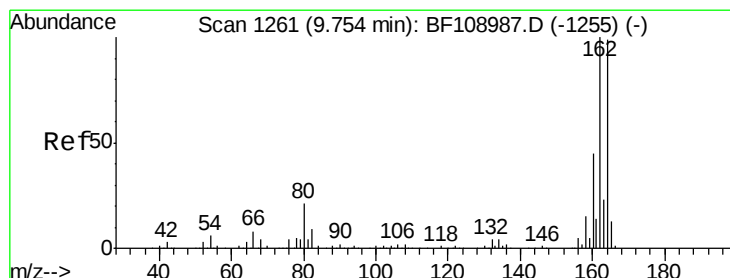
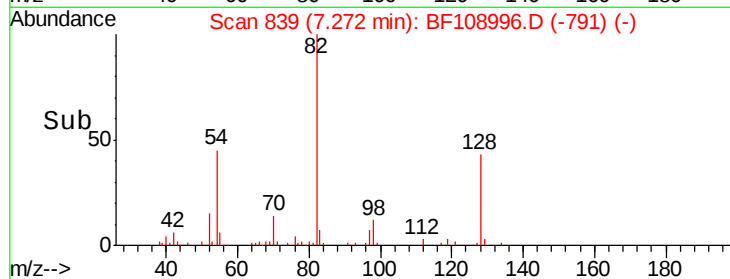
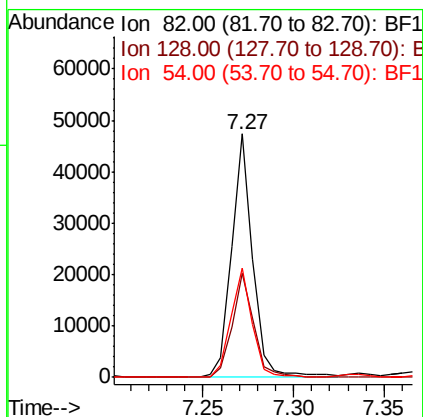
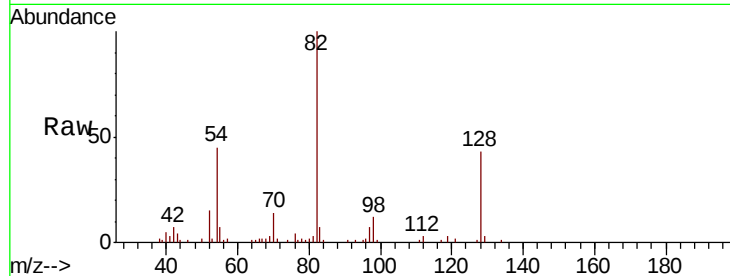




#23
 Nitrobenzene-d5
 Concen: 4.033 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

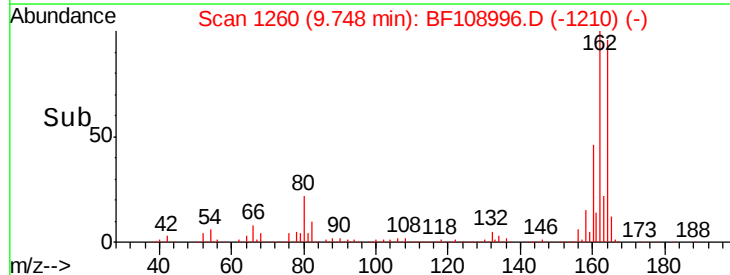
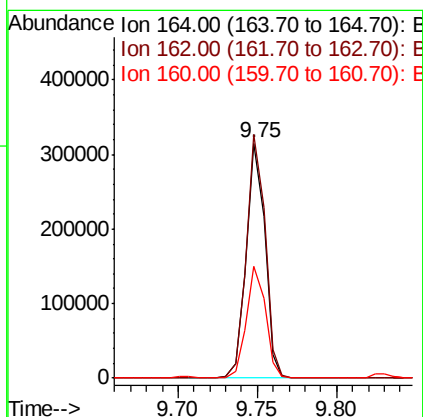
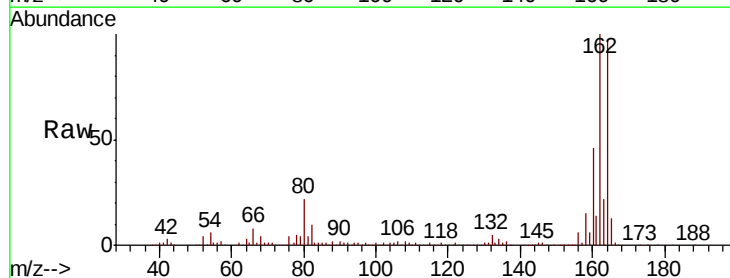
Instrument :
 BNA_F
 ClientSampleId :

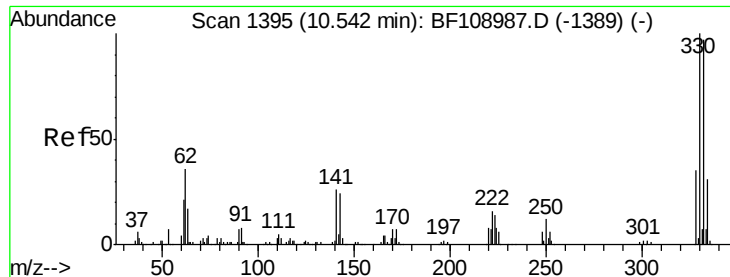
Tot Ion	82	Resp	38643
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	44.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Tgt Ion	164	Resp	257328
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	47.7	38.3	57.5

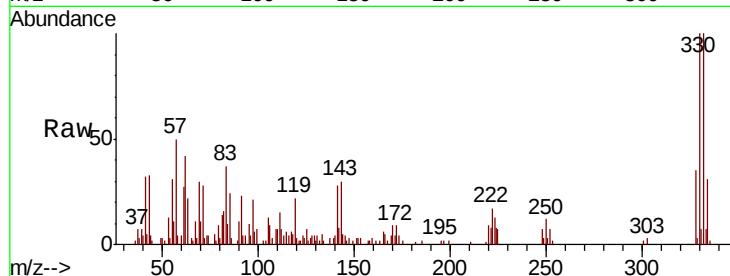




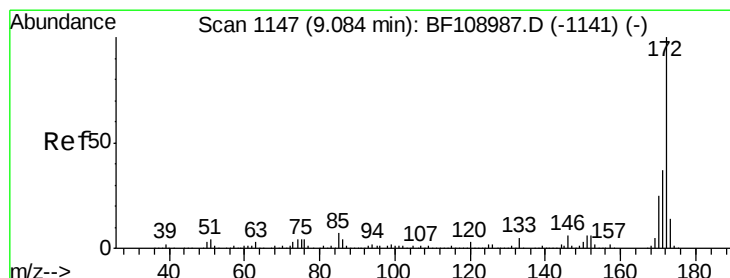
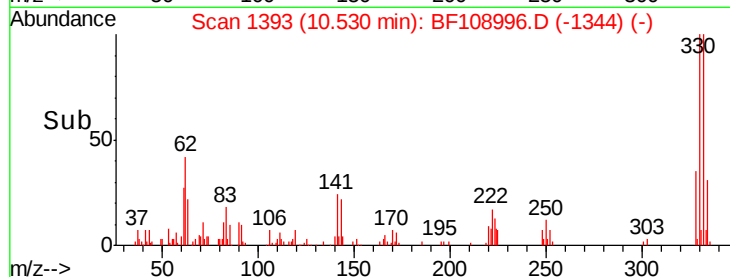
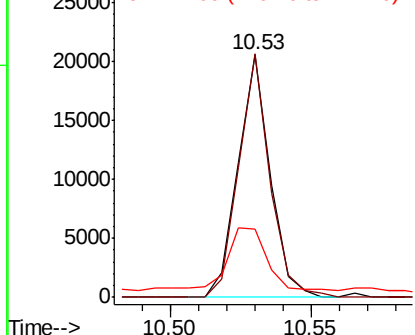
#41
 2,4,6-Tribromophenol
 Concen: 5.784 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 16153
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 37.7 29.9 44.9

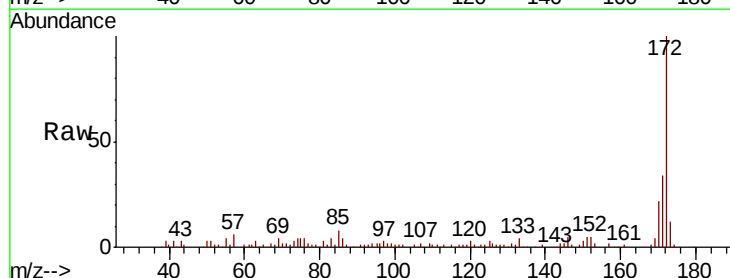


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

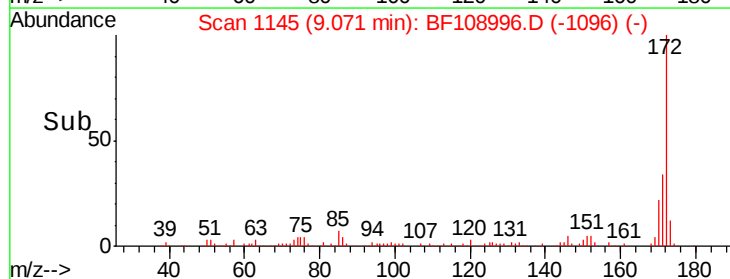
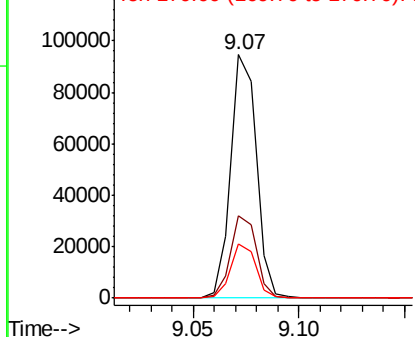


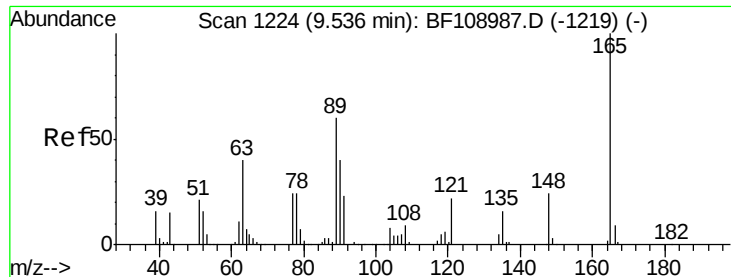
#44
 2-Fluorobiphenyl
 Concen: 4.847 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Tgt Ion:172 Resp: 79615
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.7 44.5
 170 22.5 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

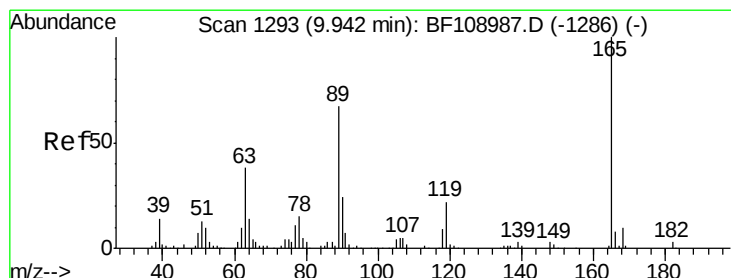
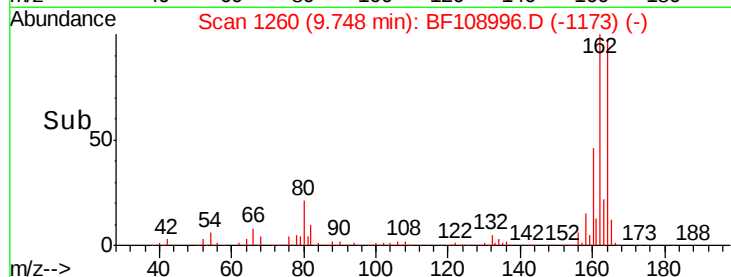
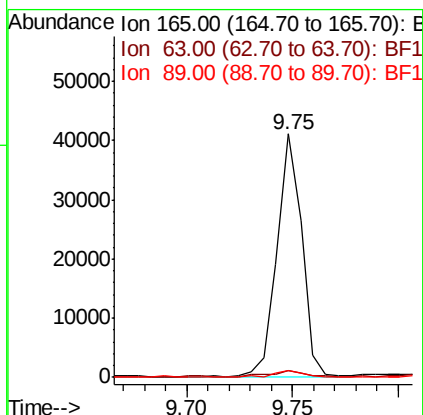
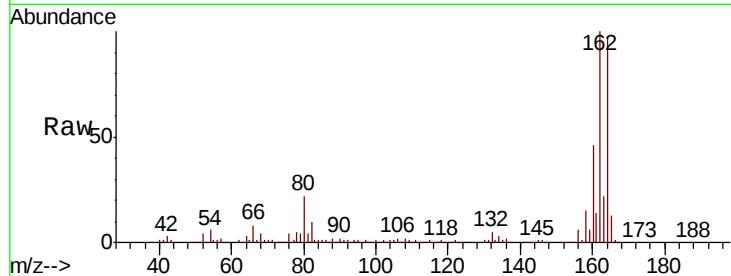




#50
 2,6-Dinitrotoluene
 Concen: 8.344 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

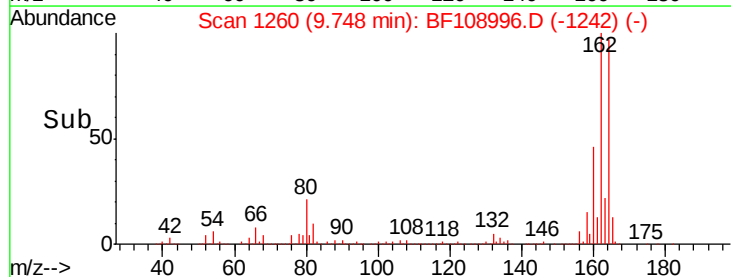
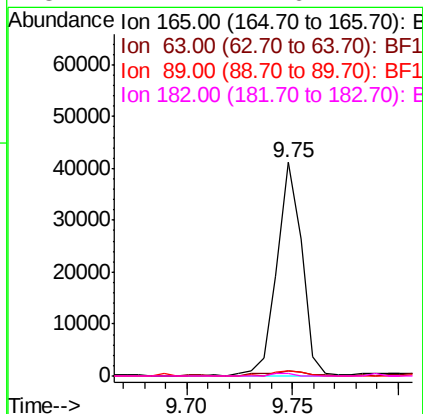
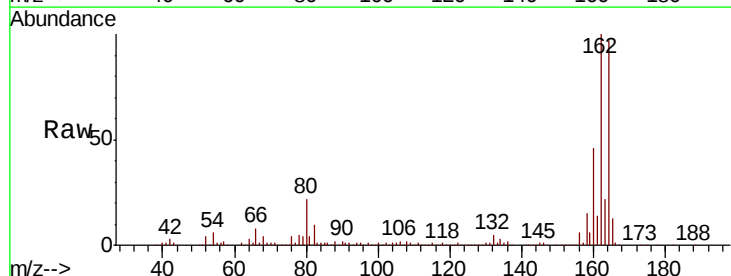
Instrument :
 BNA_F
 ClientSampled :

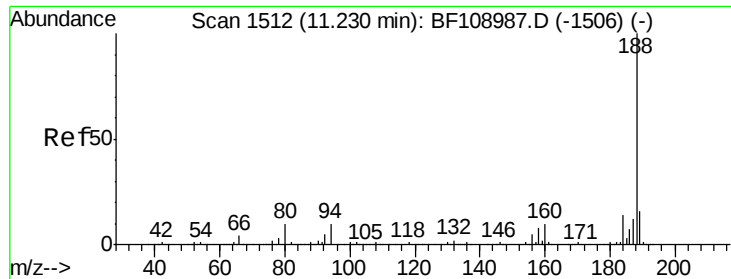
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	44.7	67.1#
89	2.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.381 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.4	54.6#
89	2.5	57.8	86.6#
182	1.2	1.6	2.4#

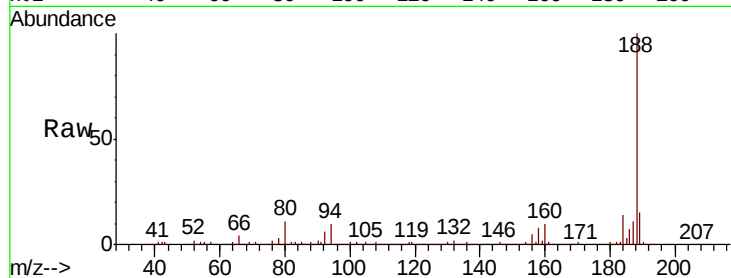




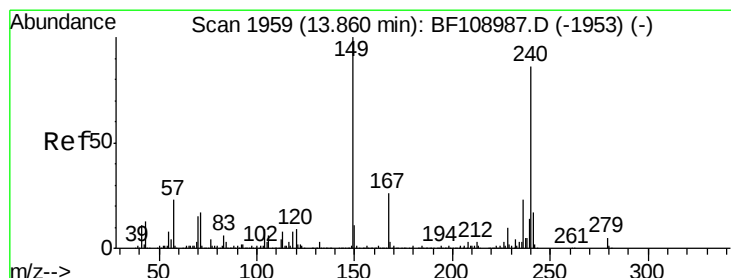
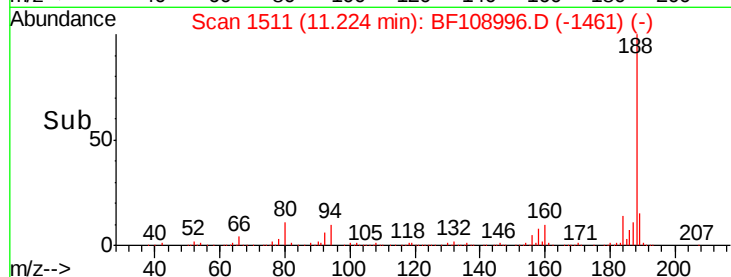
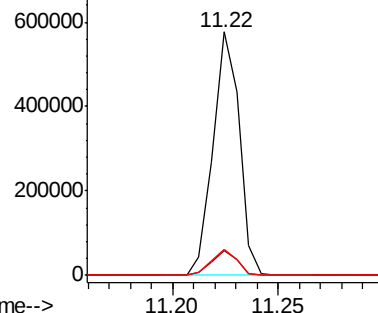
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108996.D
Acq: 14 Sep 2018 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 497248
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8

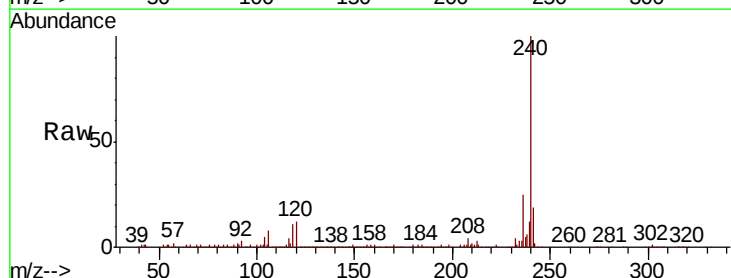


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

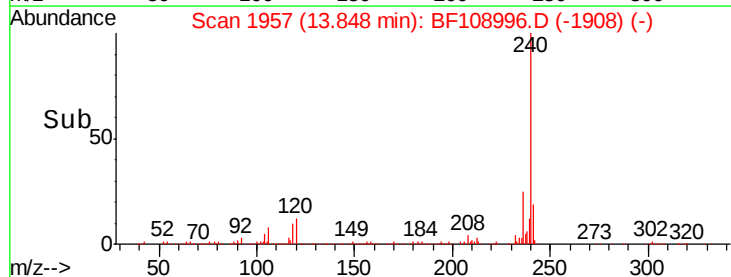
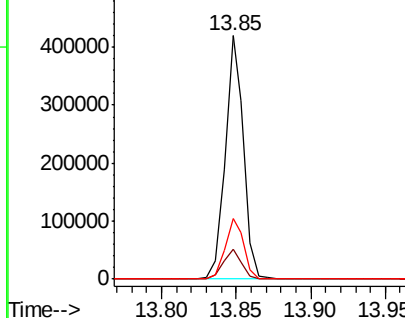


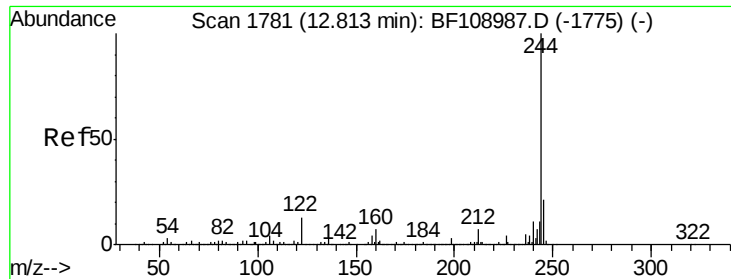
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF108996.D
Acq: 14 Sep 2018 15:56

Tgt Ion:240 Resp: 361698
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.1 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

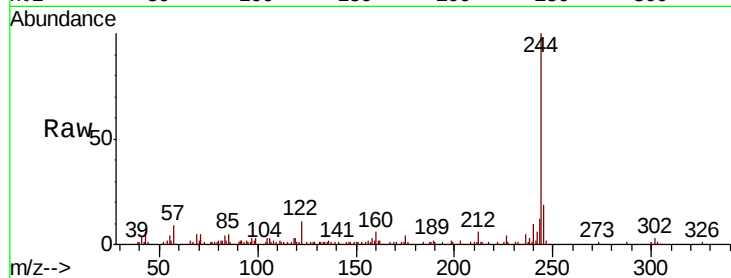




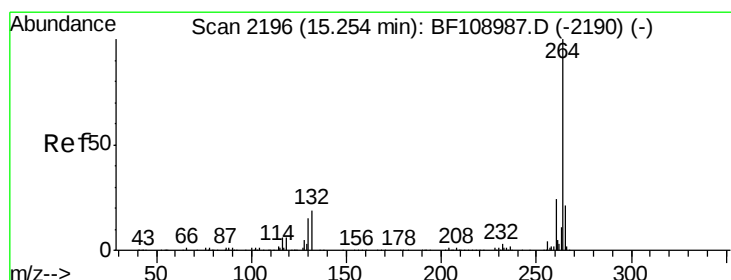
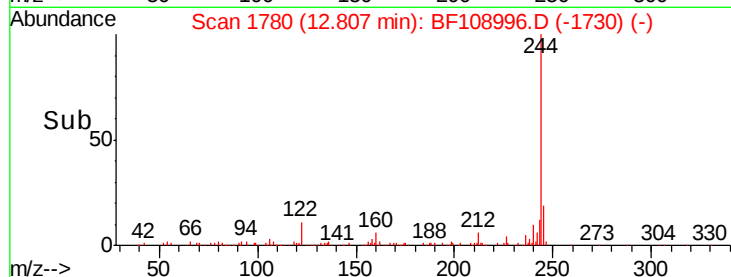
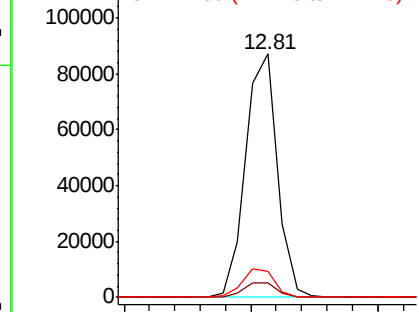
#78
 Terphenyl-d14
 Concen: 4.961 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	10.9	11.0	16.4

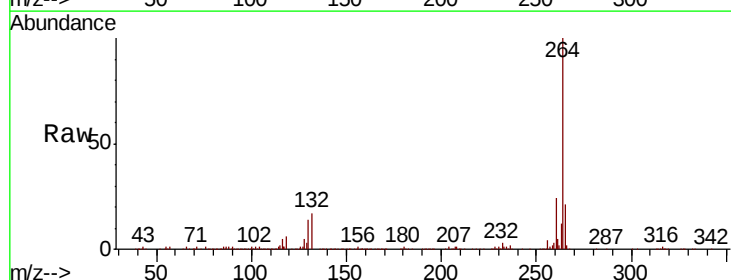


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF108996.D
 Acq: 14 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

