

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106517.D
 Acq On : 16 Jun 2018 3:25
 Operator : JU/SJ
 Sample : J3449-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Quant Time: Jun 16 04:52:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

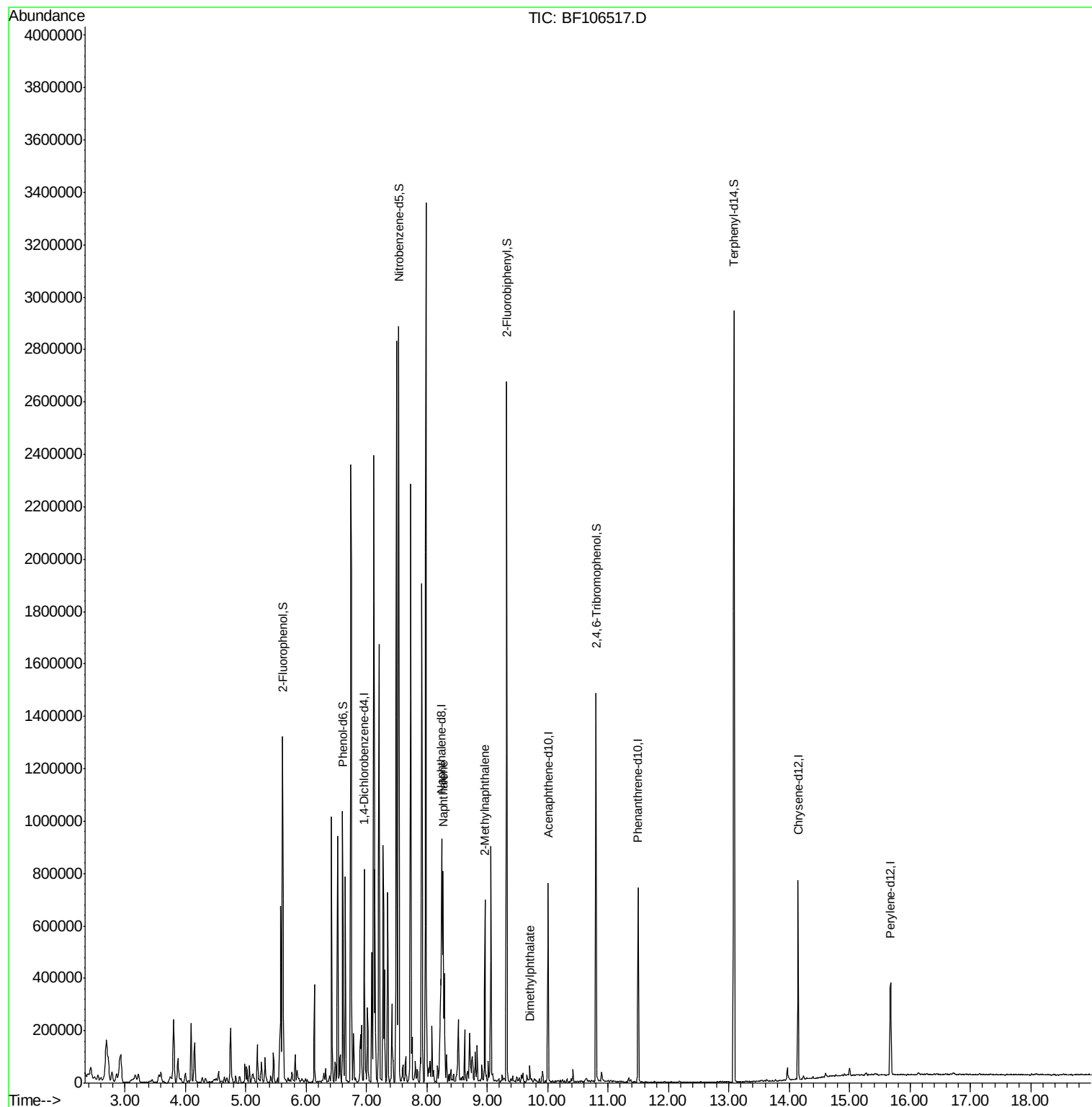
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	103151	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	337936	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	133596	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	257182	20.00	ng	0.00
75) Chrysene-d12	14.14	240	260557	20.00	ng	-0.01
86) Perylene-d12	15.68	264	178538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	388381	63.73	ng	0.00
7) Phenol-d6	6.61	99	293296	38.09	ng	0.00
23) Nitrobenzene-d5	7.53	82	541908	94.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	197643	153.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	907930	154.91	ng	0.00
78) Terphenyl-d14	13.08	244	1058316	100.88	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.27	128	285484	18.688	ng	99
37) 2-Methylnaphthalene	8.96	142	157324	15.120	ng	99
49) Dimethylphthalate	9.71	163	23404	2.452	ng	# 98

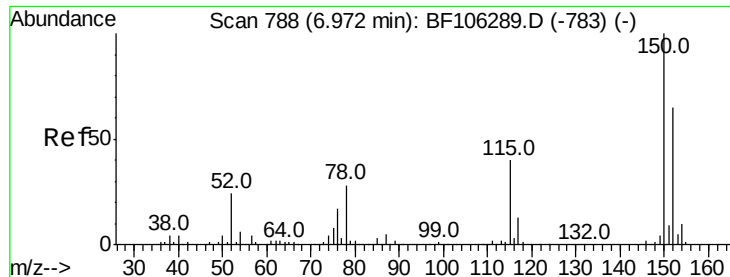
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106517.D
Acq On : 16 Jun 2018 3:25
Operator : JU/SJ
Sample : J3449-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-50

Quant Time: Jun 16 04:52:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration



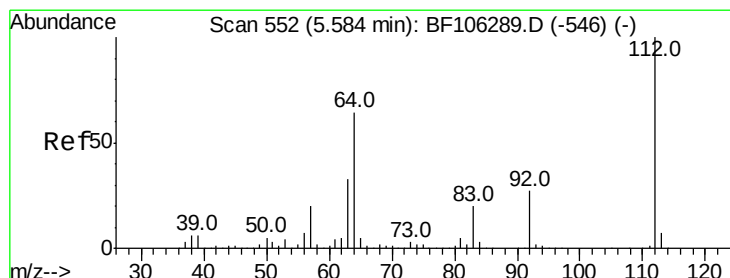
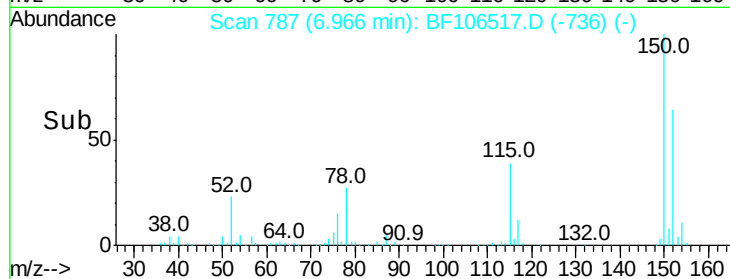
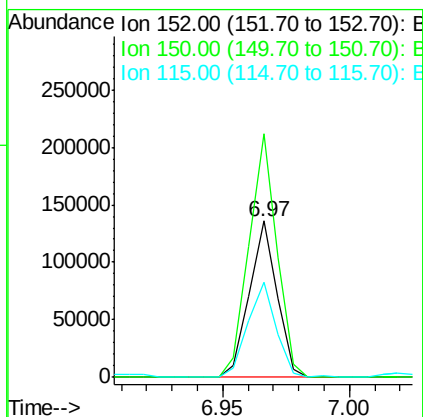
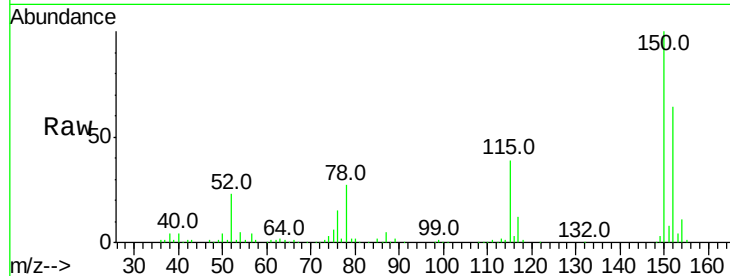


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106517.D
Acq: 16 Jun 2018 3:25

Instrument :
BNA_F
ClientSampleId :
W-50

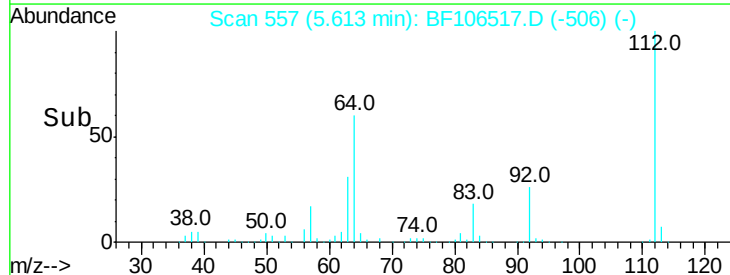
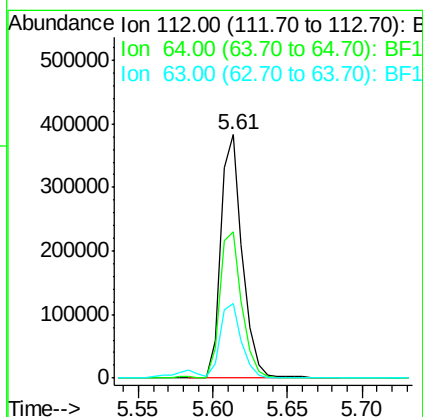
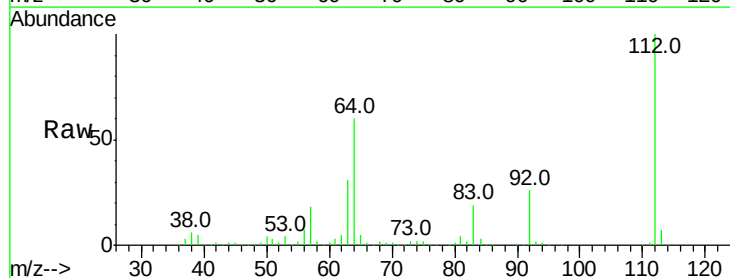
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.2	50.1	75.1

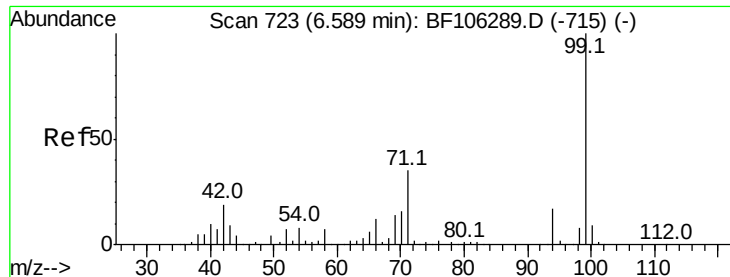


#5

2-Fluorophenol
Concen: 63.725 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106517.D
Acq: 16 Jun 2018 3:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 38.091 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

Instrument :

BNA_F

ClientSampleId :

W-50

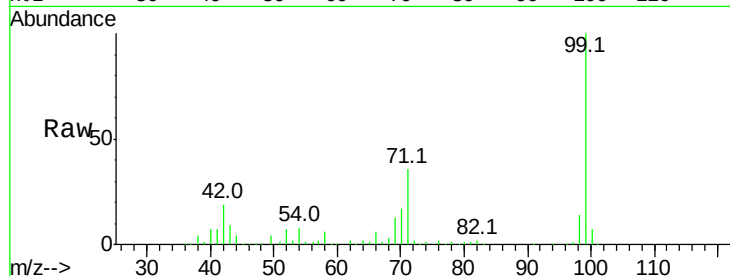
Tot Ion: 99 Resp: 293296

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

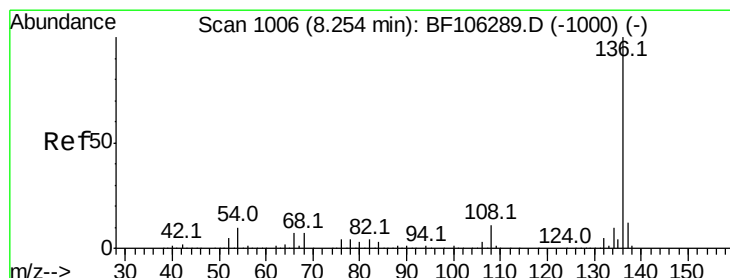
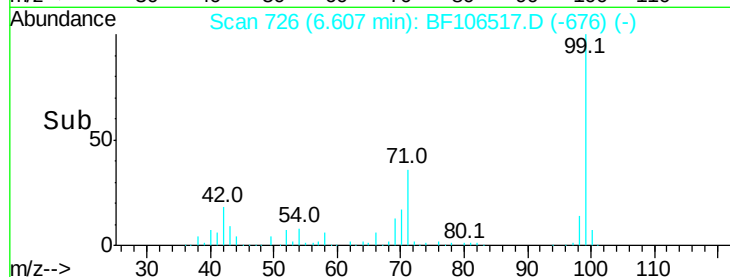
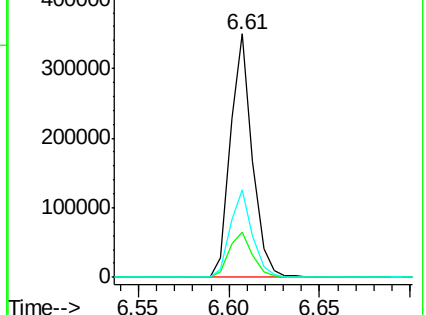
71 35.9 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

Tgt Ion: 136 Resp: 337936

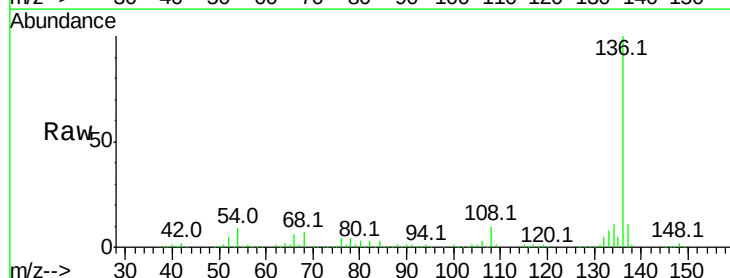
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4

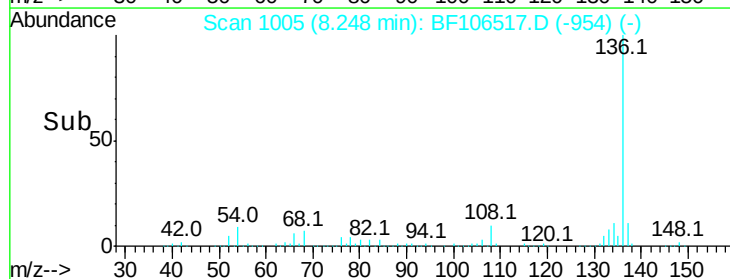
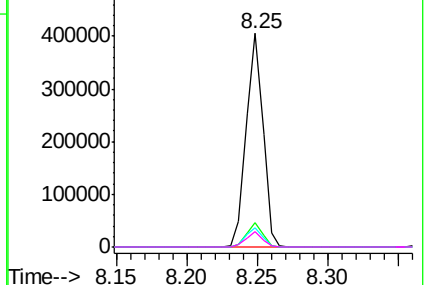


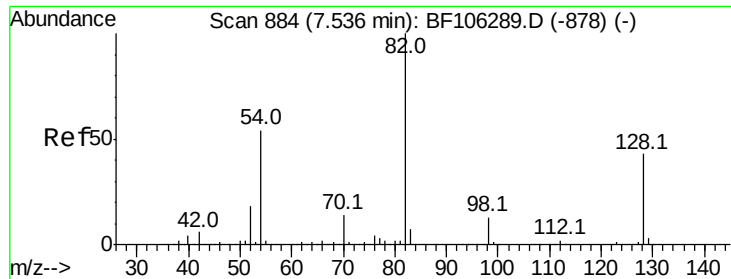
Abundance Ion 136.00 (135.70 to 136.70): E

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

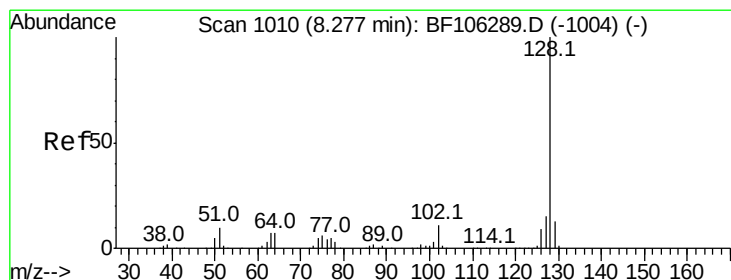
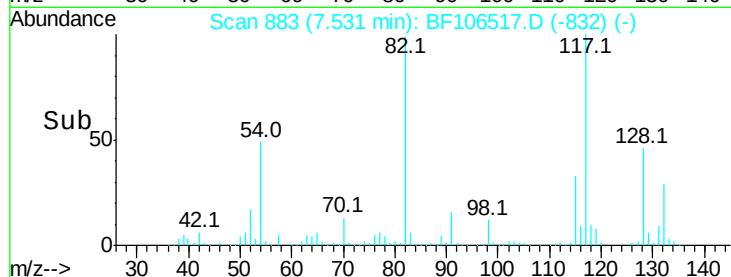
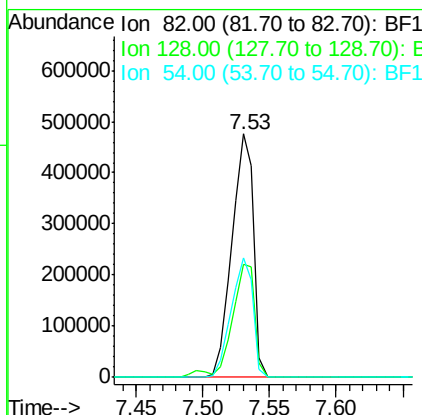
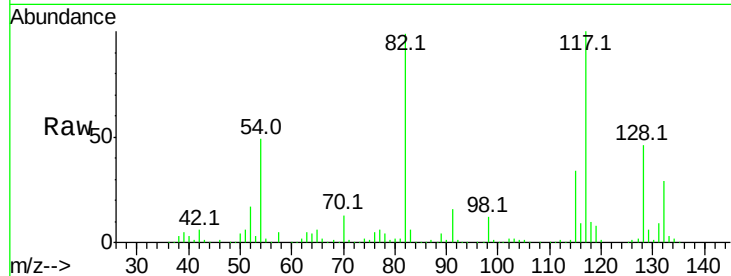




#23
Nitrobenzene-d5
Concen: 94.336 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106517.D
Acq: 16 Jun 2018 3:25

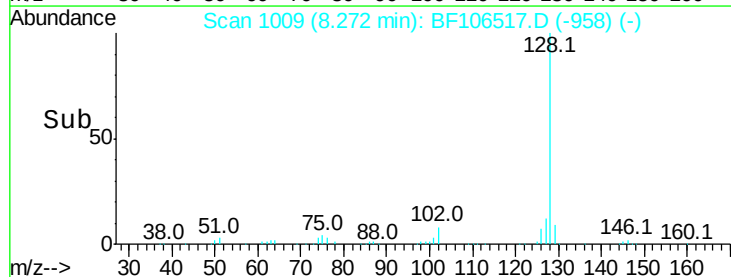
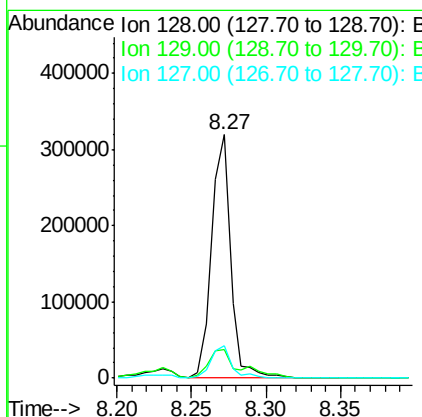
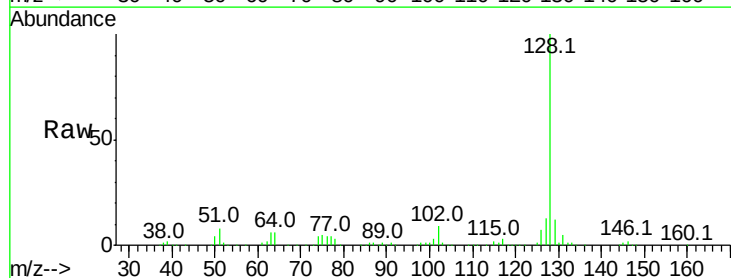
Instrument :
BNA_F
ClientSampleId :
W-50

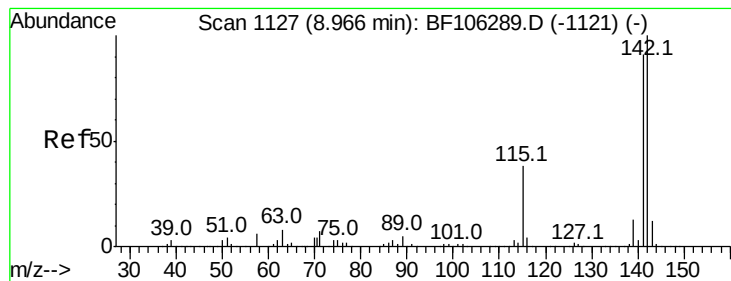
Tot Ion	82	Resp	541908
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	49.2	41.4	62.2



#31
Naphthalene
Concen: 18.688 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106517.D
Acq: 16 Jun 2018 3:25

Tgt Ion	128	Resp	285484
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.1	10.9	16.3





#37

2-Methylnaphthalene

Concen: 15.120 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

Instrument :

BNA_F

ClientSampleId :

W-50

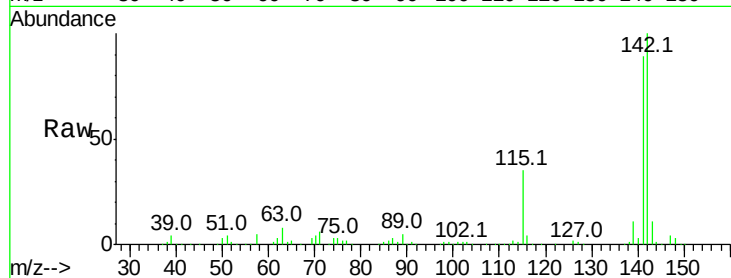
Tot Ion:142 Resp: 157324

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

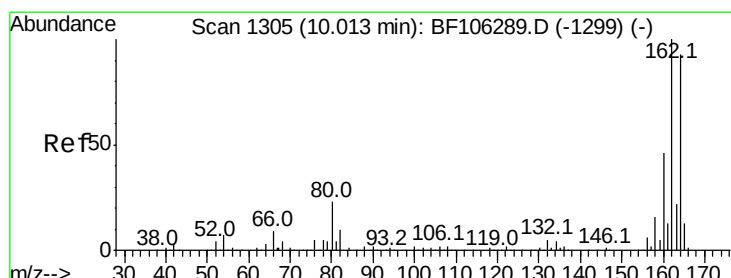
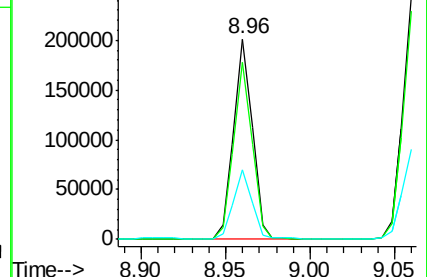
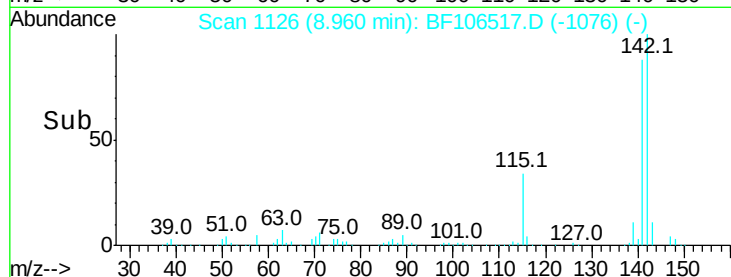
115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

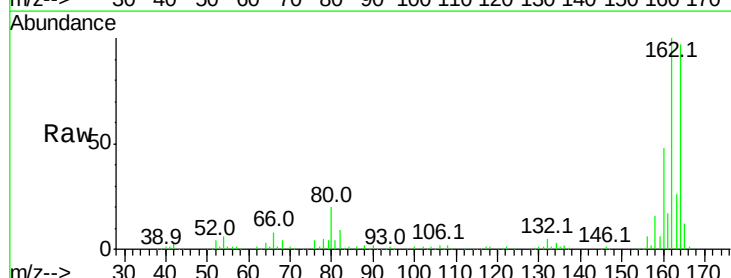
Tgt Ion:164 Resp: 133596

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

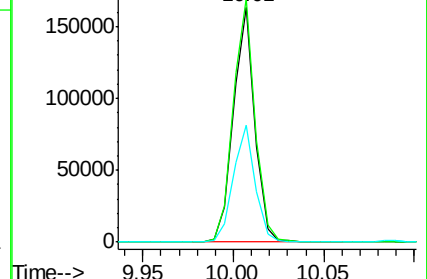
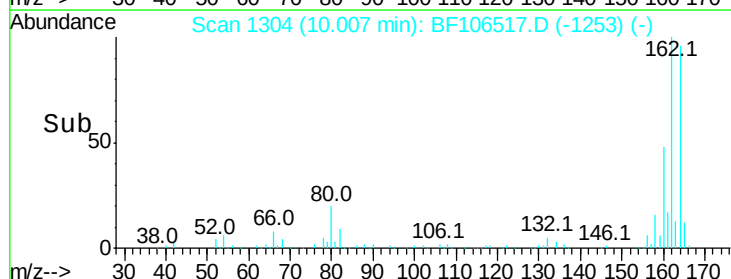
160 49.7 38.3 57.5

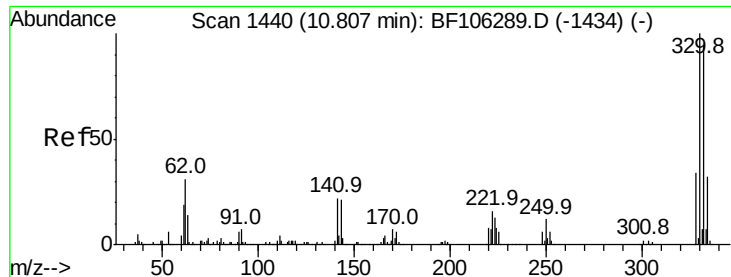


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

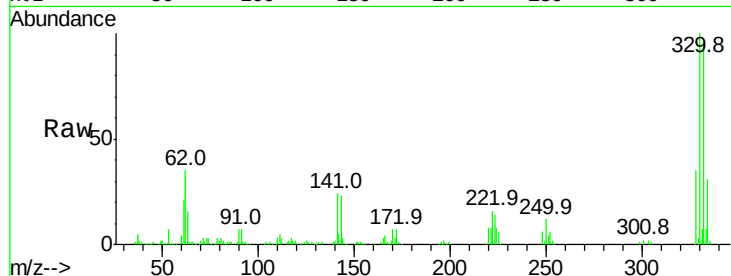




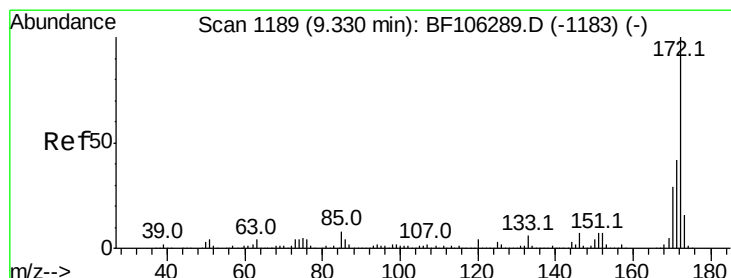
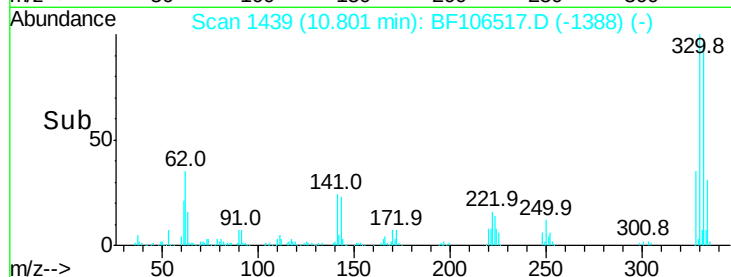
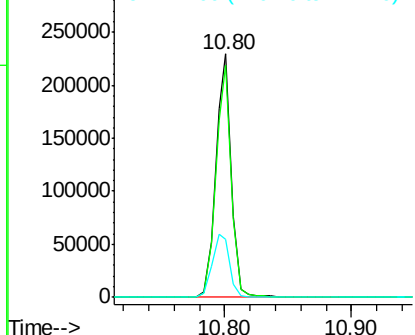
#41
 2,4,6-Tribromophenol
 Concen: 153.757 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106517.D
 Acq: 16 Jun 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	29.4	29.9	44.9#

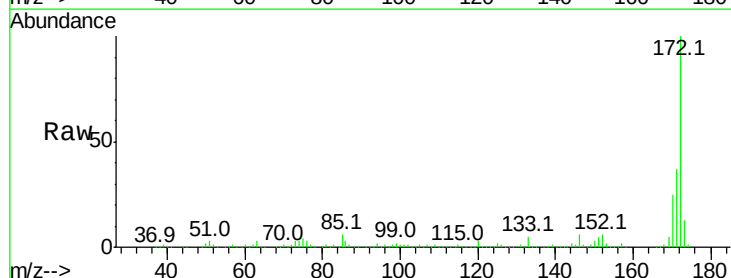


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

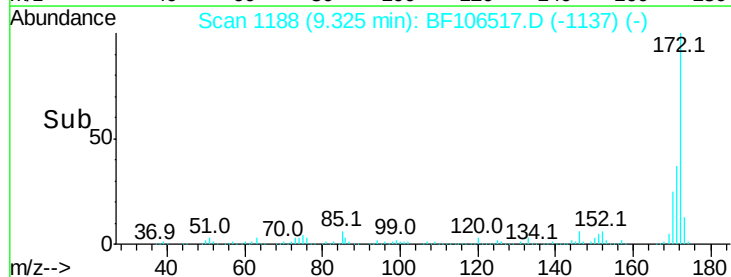
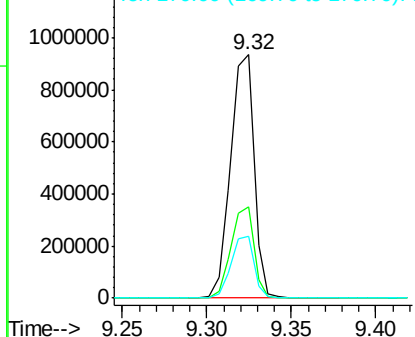


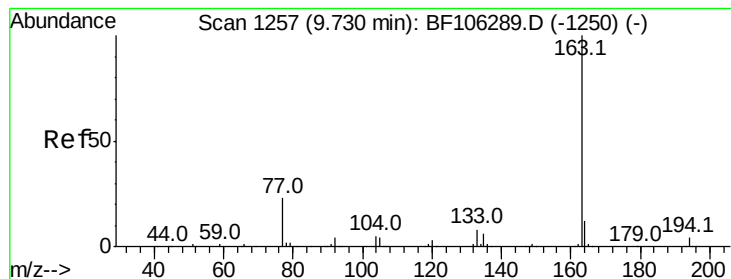
#44
 2-Fluorobiphenyl
 Concen: 154.907 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106517.D
 Acq: 16 Jun 2018 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.2	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: 2.452 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

Instrument :

BNA_F

ClientSampleId :

W-50

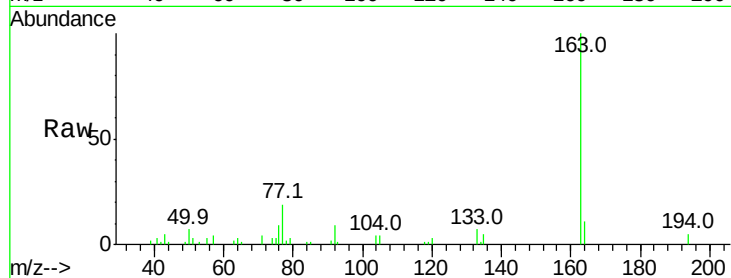
Tot Ion:163 Resp: 23404

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

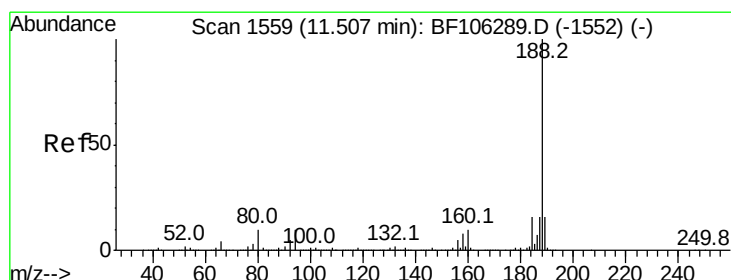
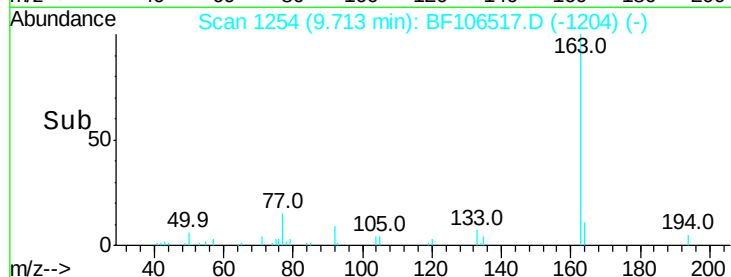
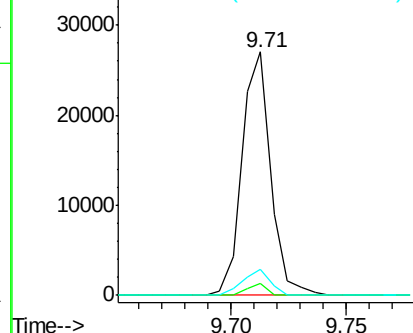
164 10.6 8.2 12.2



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

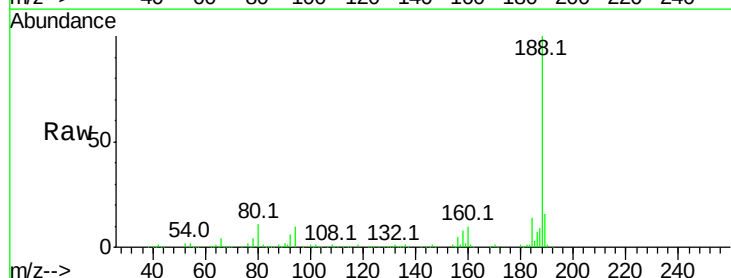
Tgt Ion:188 Resp: 257182

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

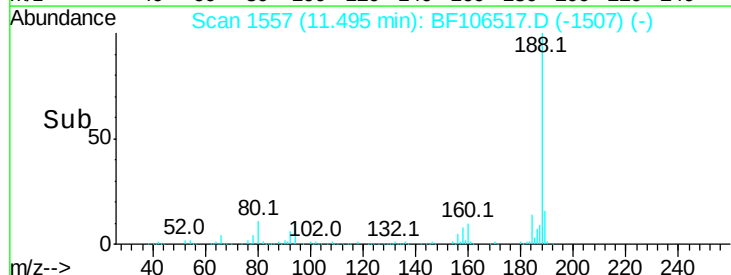
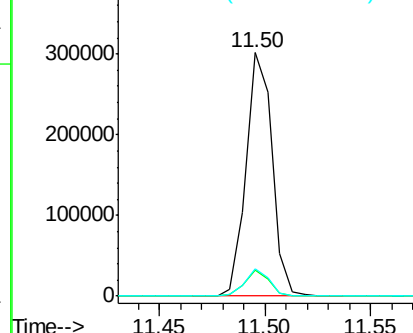
80 11.3 9.2 13.8

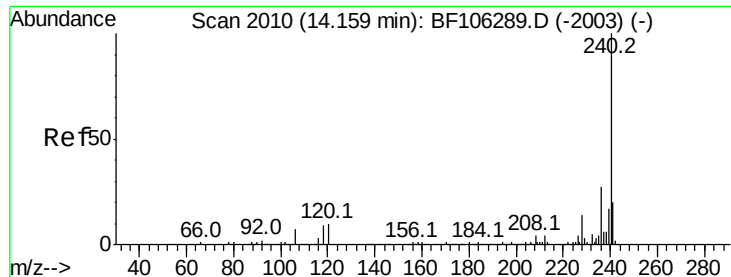


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2007

Delta R.T. -0.01 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

Instrument :

BNA_F

ClientSampleId :

W-50

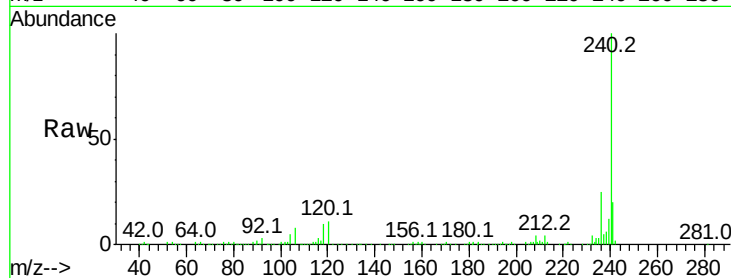
Tot Ion:240 Resp: 260557

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

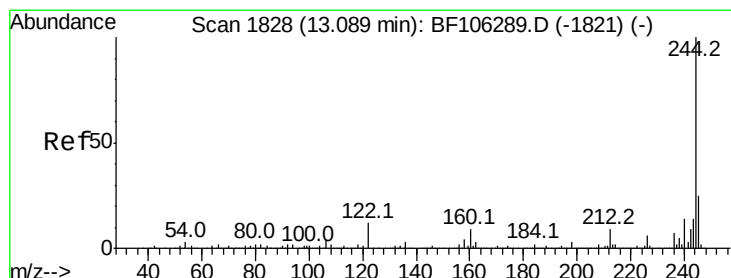
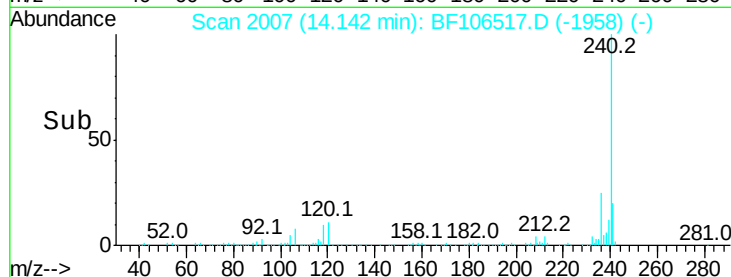
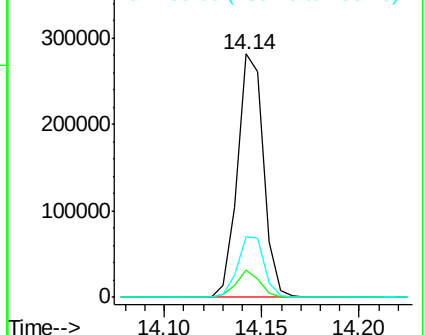
236 25.1 20.7 31.1



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: 100.885 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106517.D

Acq: 16 Jun 2018 3:25

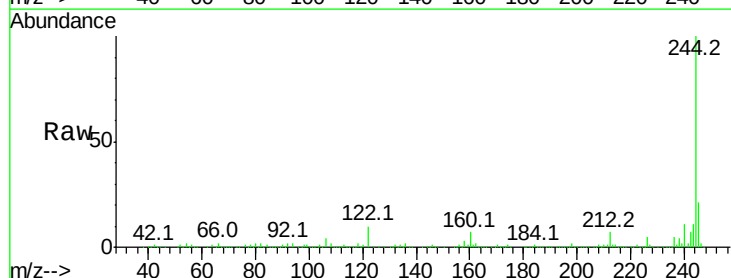
Tgt Ion:244 Resp: 1058316

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

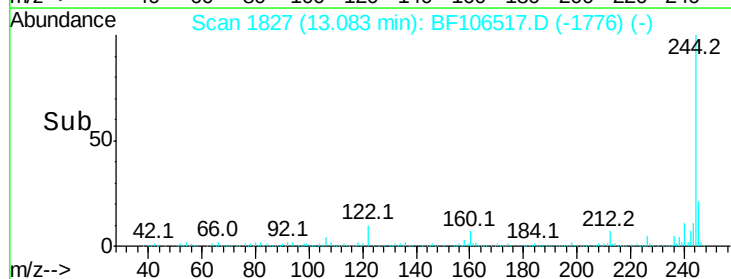
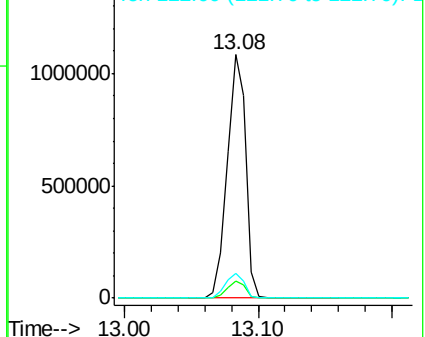
122 10.3 11.0 16.4#

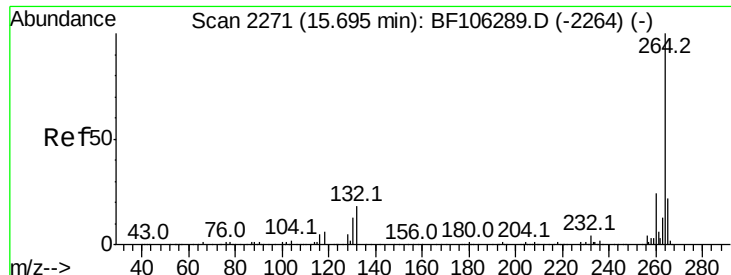


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

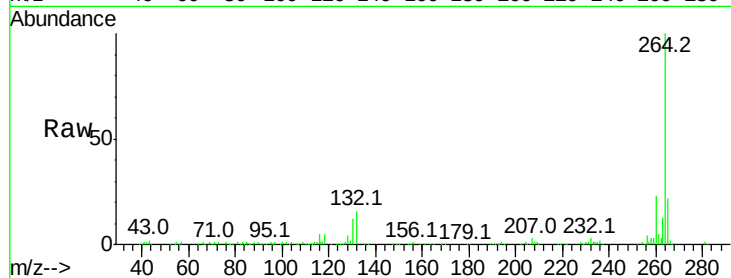




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106517.D
 Acq: 16 Jun 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :
 W-50

Tot Ion:	264	Resp:	178538
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.8	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

