

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106339.D
 Acq On : 12 Jun 2018 12:55
 Operator : JU/SJ
 Sample : J3291-07 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:06:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

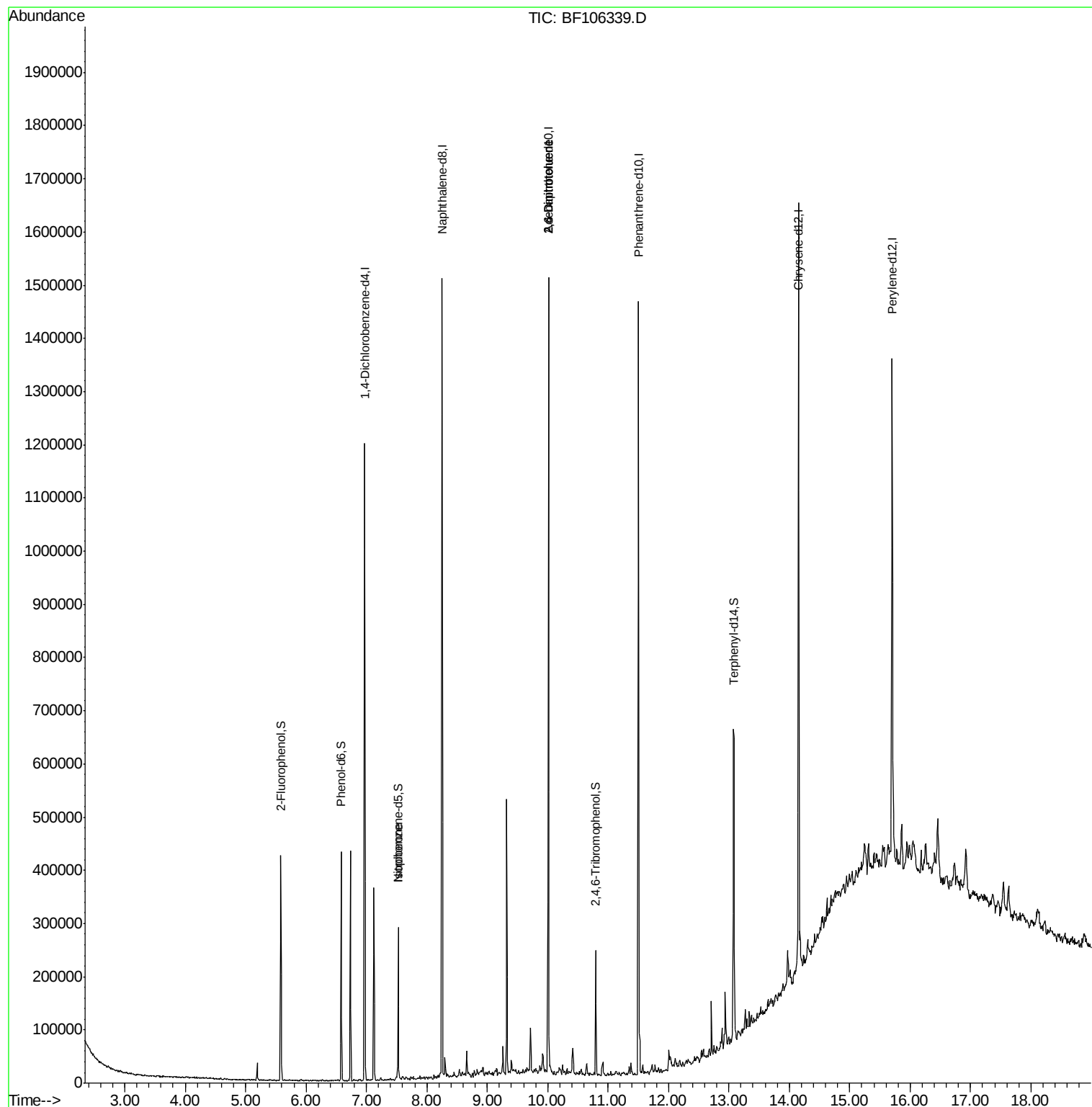
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164594	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	618456	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269648	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	459460	20.00	ng	0.00
75) Chrysene-d12	14.15	240	490933	20.00	ng	0.00
86) Perylene-d12	15.71	264	476566	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	95983	9.87	ng	0.00
7) Phenol-d6	6.58	99	122344	9.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	74972	7.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	22203	8.56	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	144150	0.49	ng	0.00
78) Terphenyl-d14	13.08	244	212467	10.75	ng	0.00
Target Compounds						
25) Isophorone	7.52	82	74861	3.646	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	35413	8.999	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	35413	7.166	ng	# 24

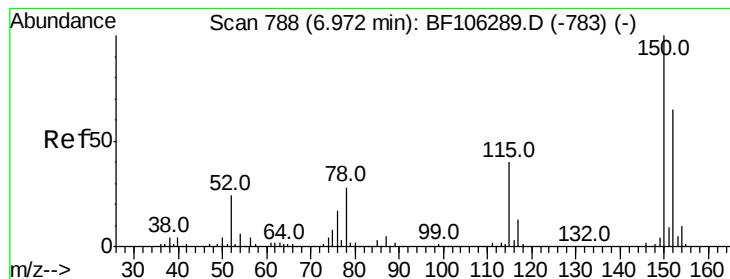
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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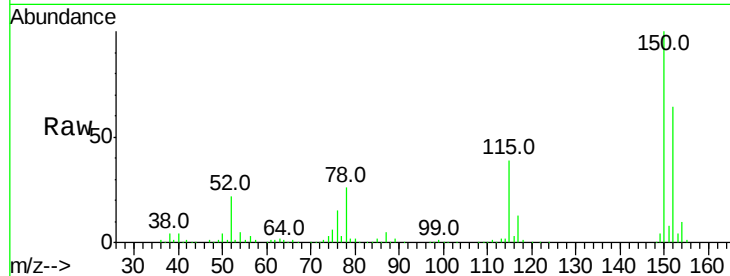


#1

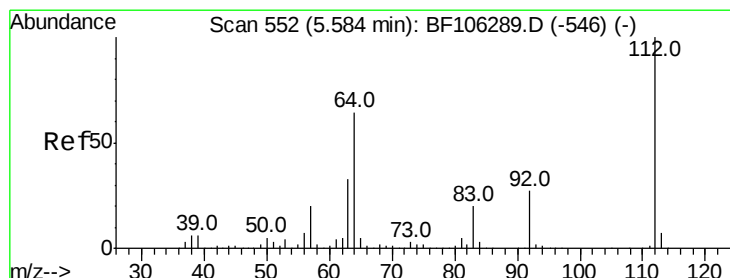
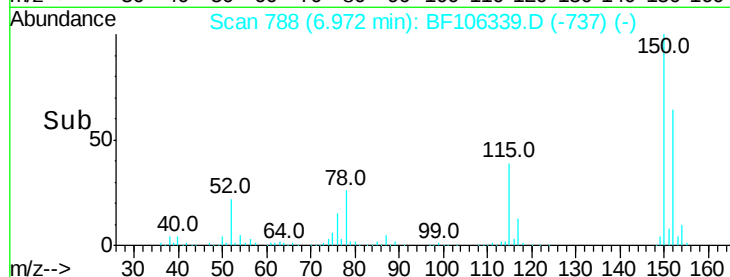
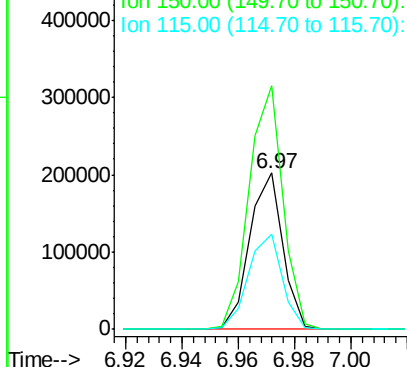
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164594
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.1 50.1 75.1



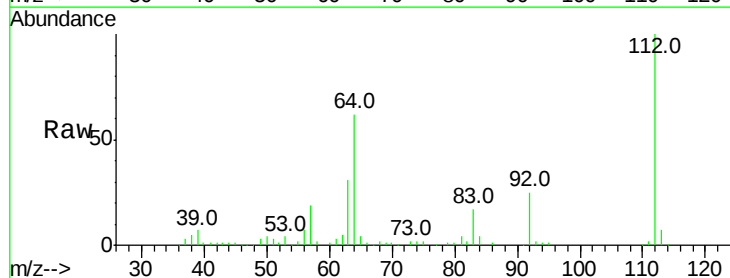
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



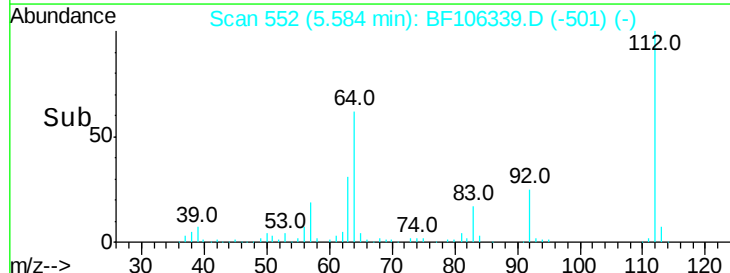
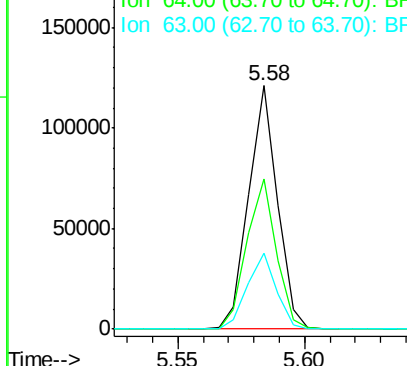
#5

2-Fluorophenol
Concen: 9.870 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

Tgt Ion:112 Resp: 95983
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.1 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: 9.958 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

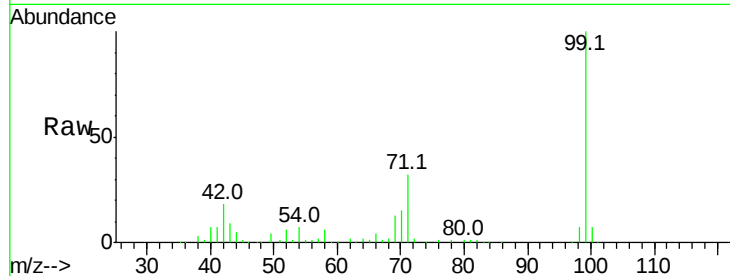
Tot Ion: 99 Resp: 122344

Ion Ratio Lower Upper

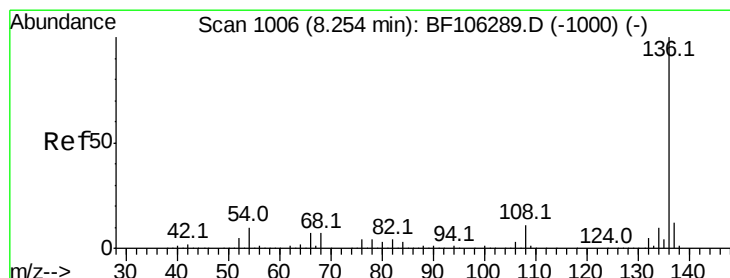
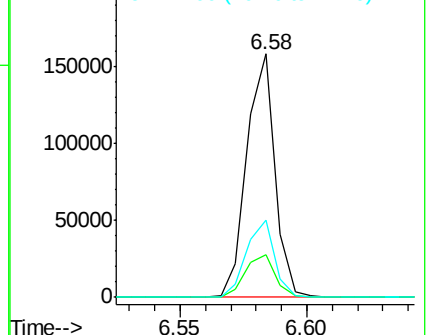
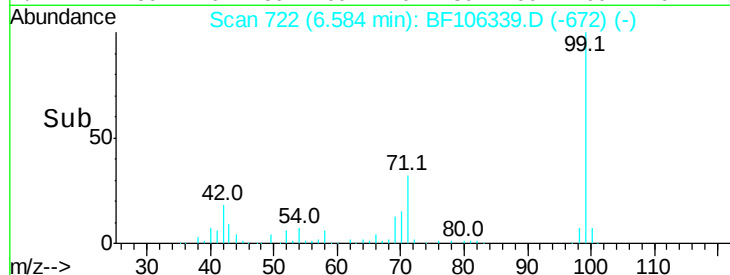
99 100

42 17.6 14.5 21.7

71 32.0 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# 1006

Delta R.T. 0.00 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Tgt Ion: 136 Resp: 618456

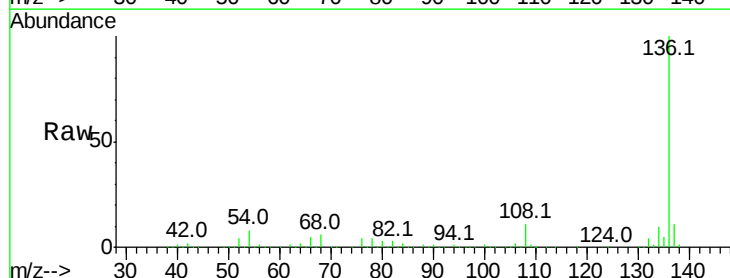
Ion Ratio Lower Upper

136 100

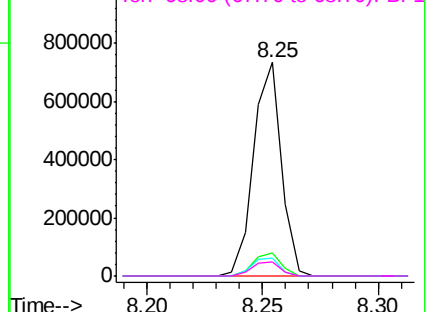
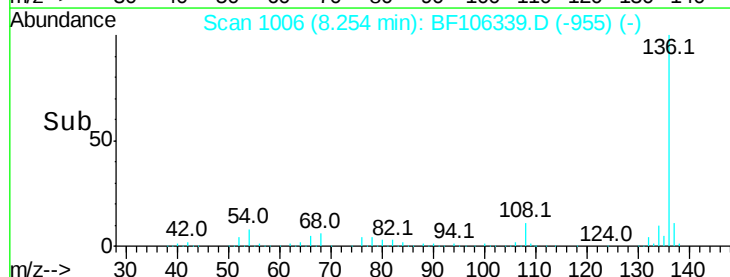
137 10.9 8.9 13.3

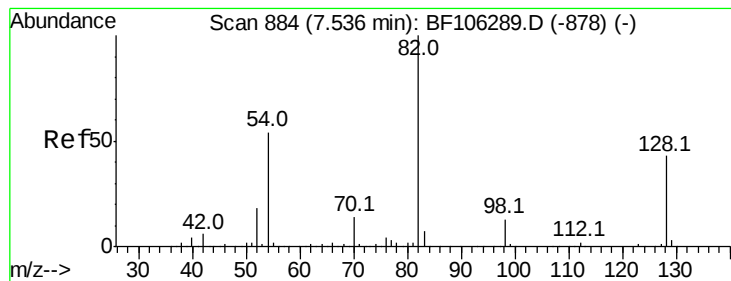
54 8.5 6.6 9.8

68 6.5 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: 7.131 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

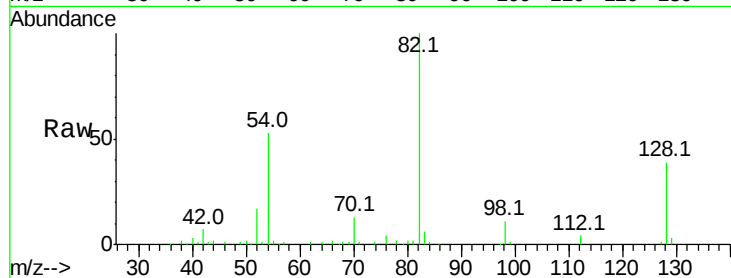
Tot Ion: 82 Resp: 74972

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

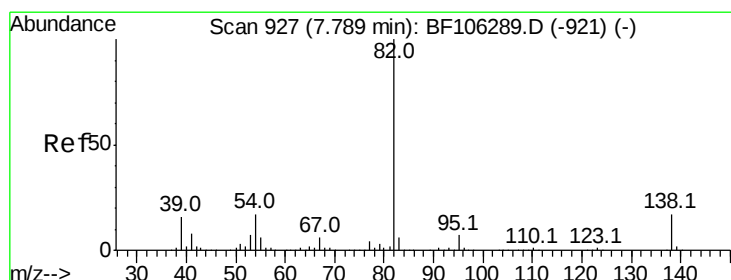
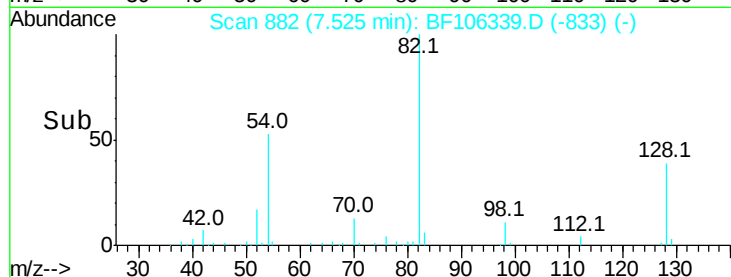
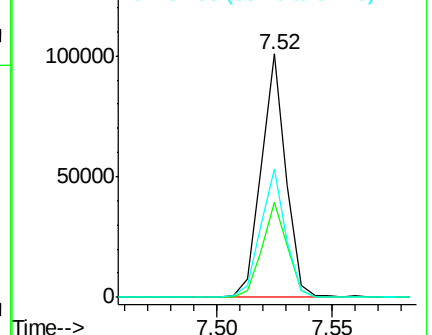
54 52.5 41.4 62.2



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



#25

Isophorone

Concen: 3.646 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

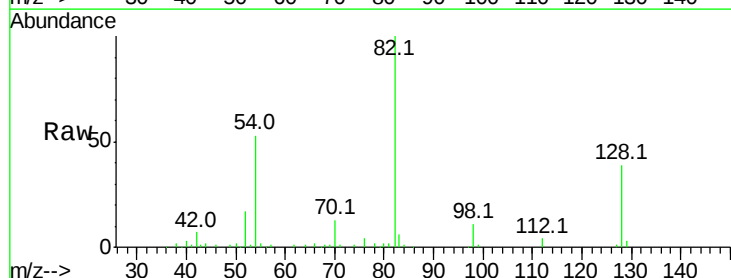
Tgt Ion: 82 Resp: 74861

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

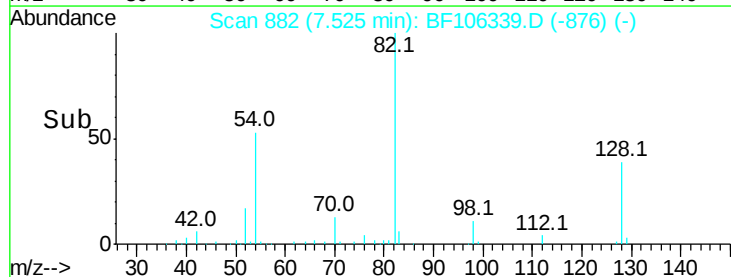
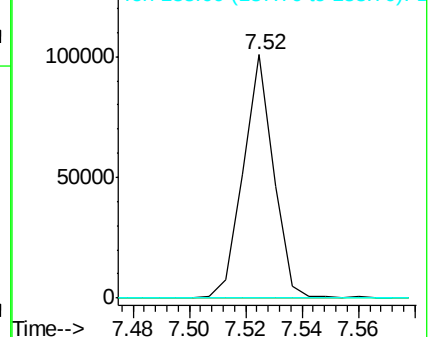
138 0.0 14.9 22.3#

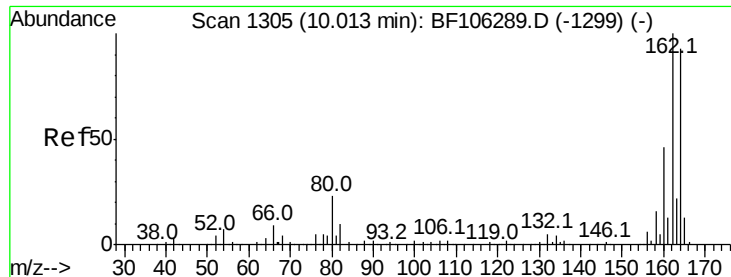


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampled :

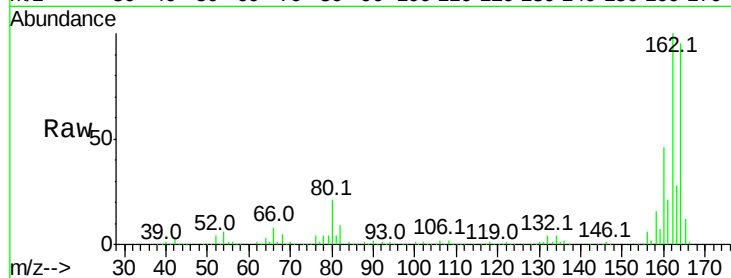
Tot Ion:164 Resp: 269648

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

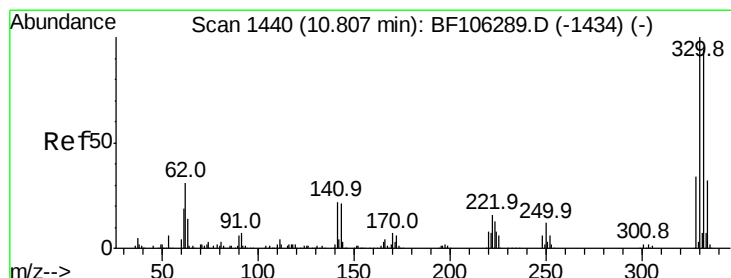
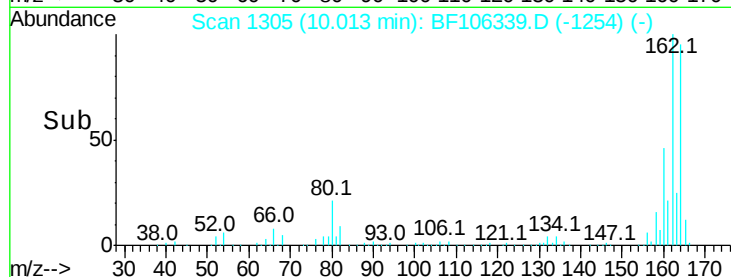
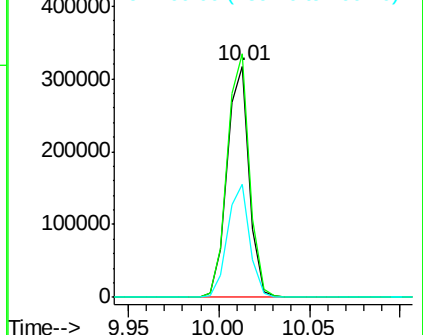
160 48.7 38.3 57.5



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: 8.558 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

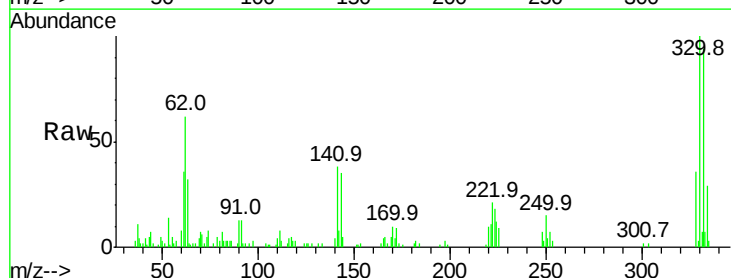
Tgt Ion:330 Resp: 22203

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

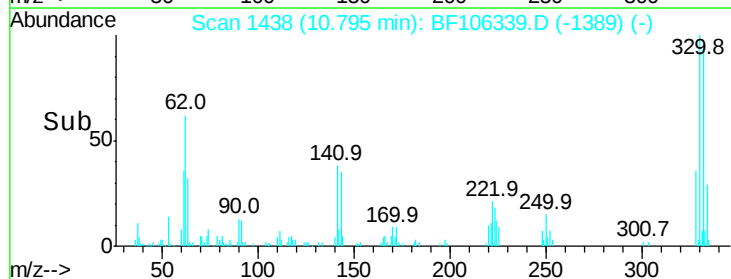
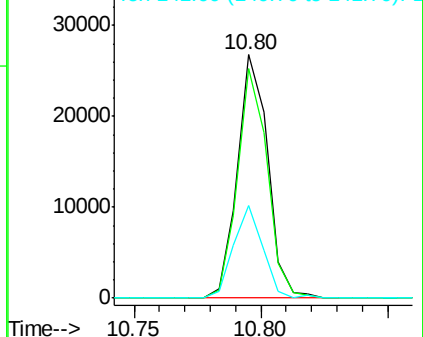
141 36.7 29.9 44.9

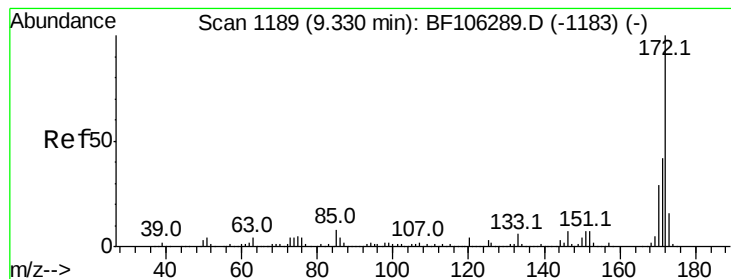


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 0.485 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampled :

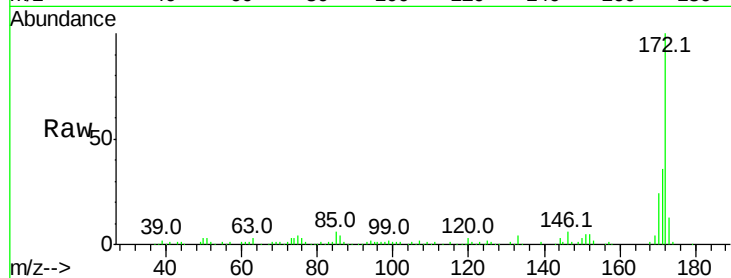
Tot Ion:172 Resp: 144150

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

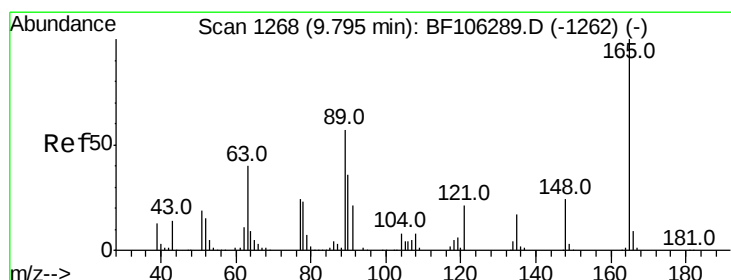
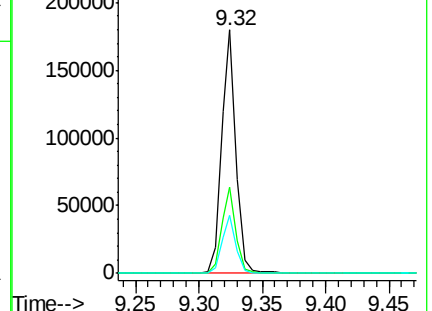
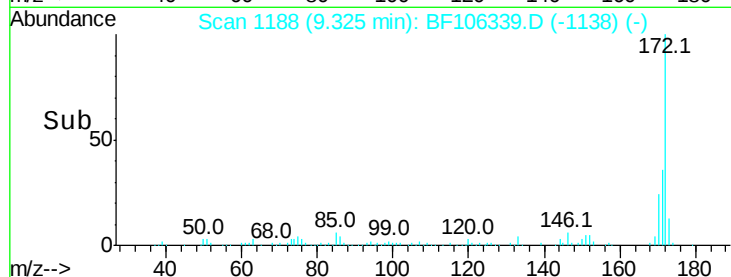
170 23.9 19.6 29.4



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: 8.999 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.22 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

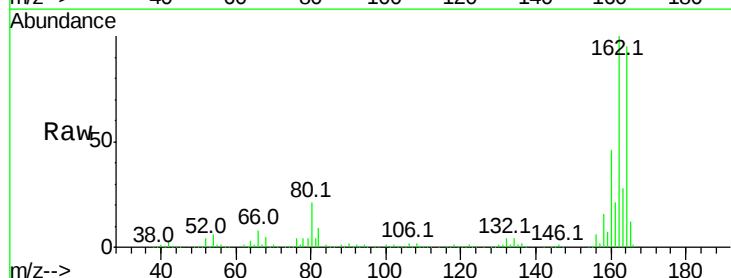
Tgt Ion:165 Resp: 35413

Ion Ratio Lower Upper

165 100

63 1.9 44.7 67.1#

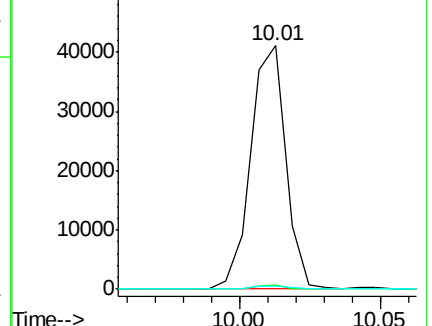
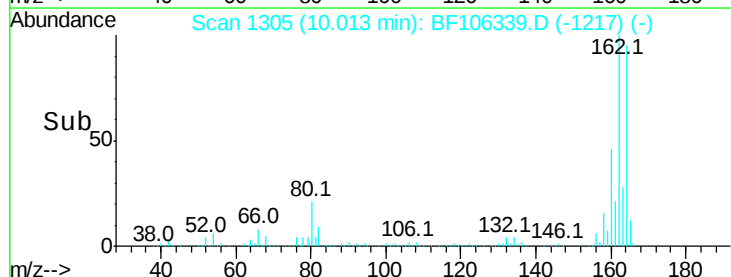
89 1.4 44.0 66.0#

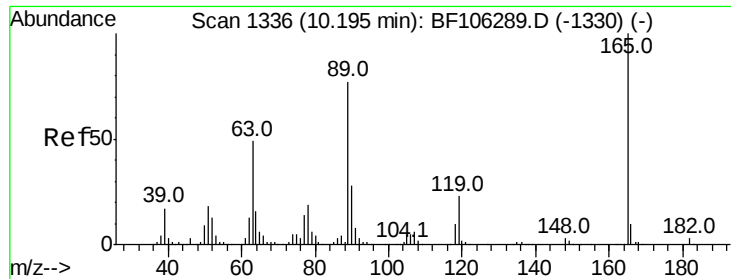


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

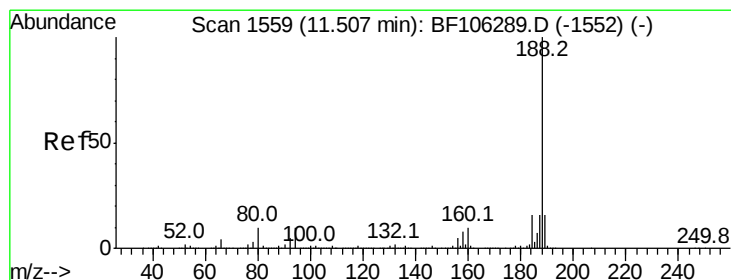
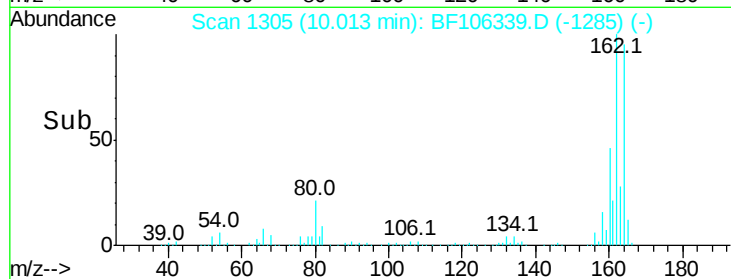
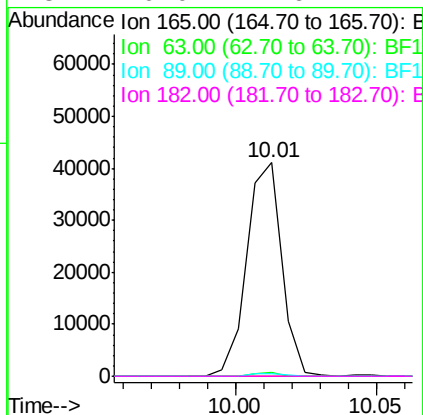
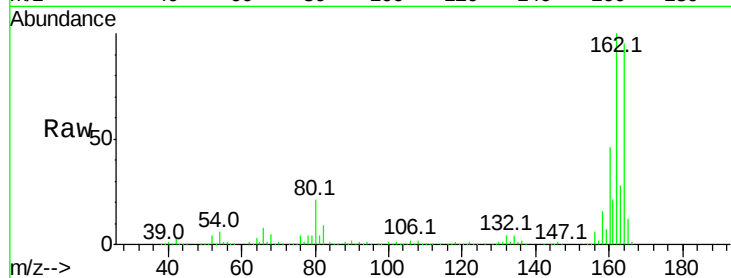




#56
2,4-Dinitrotoluene
Concen: 7.166 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

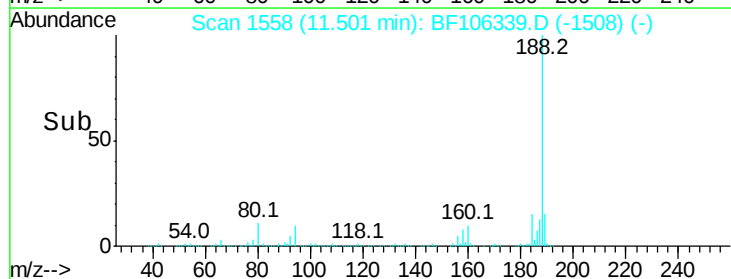
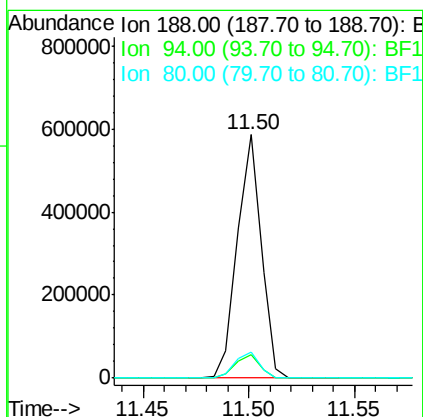
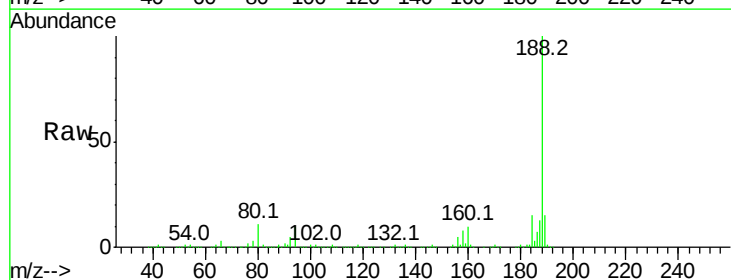
Instrument :
BNA_F
ClientSampleId :

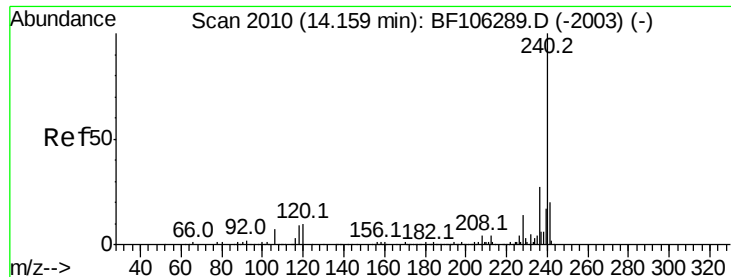
Tot Ion:165 Resp: 35413
Ion Ratio Lower Upper
165 100
63 1.9 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

Tgt Ion:188 Resp: 459460
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

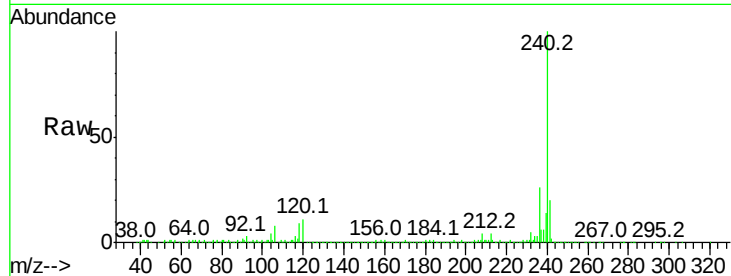
Tot Ion:240 Resp: 490933

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

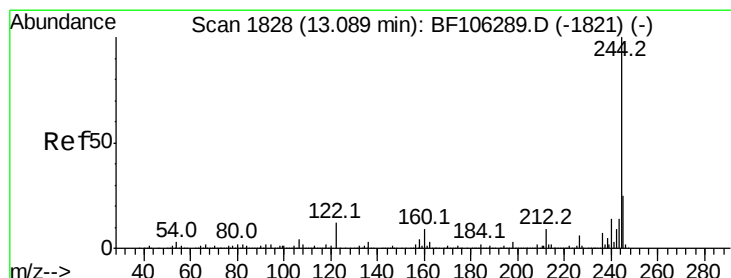
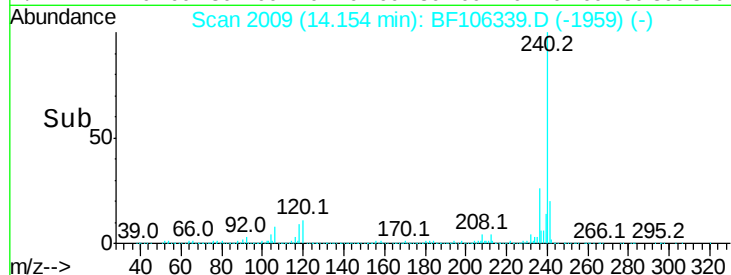
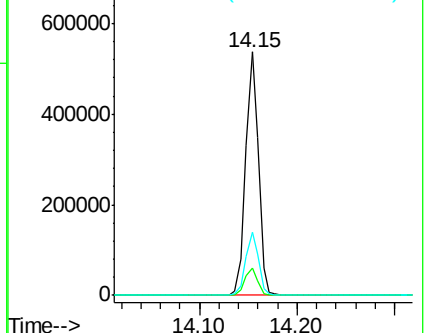
236 26.1 20.7 31.1



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: 10.749 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

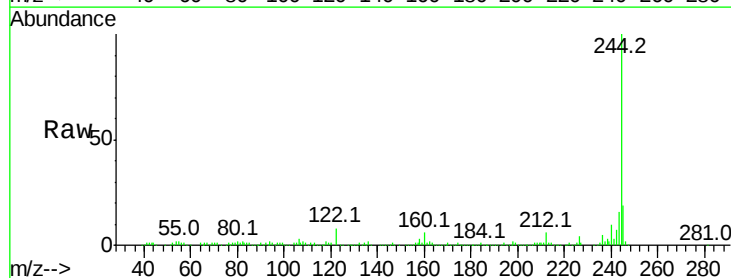
Tgt Ion:244 Resp: 212467

Ion Ratio Lower Upper

244 100

212 5.7 5.4 8.0

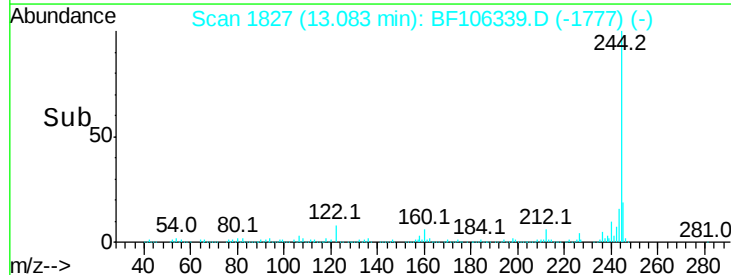
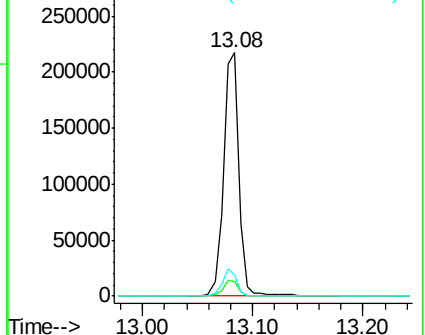
122 8.5 11.0 16.4#

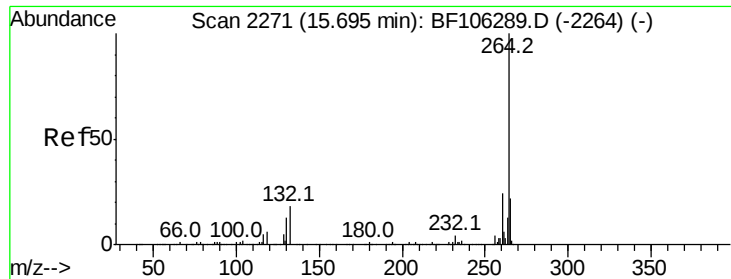


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106339.D
Acq: 12 Jun 2018 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3

