

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106320.D
 Acq On : 12 Jun 2018 2:41
 Operator : JU/SJ
 Sample : J3413-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-4

Quant Time: Jun 12 06:47:18 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

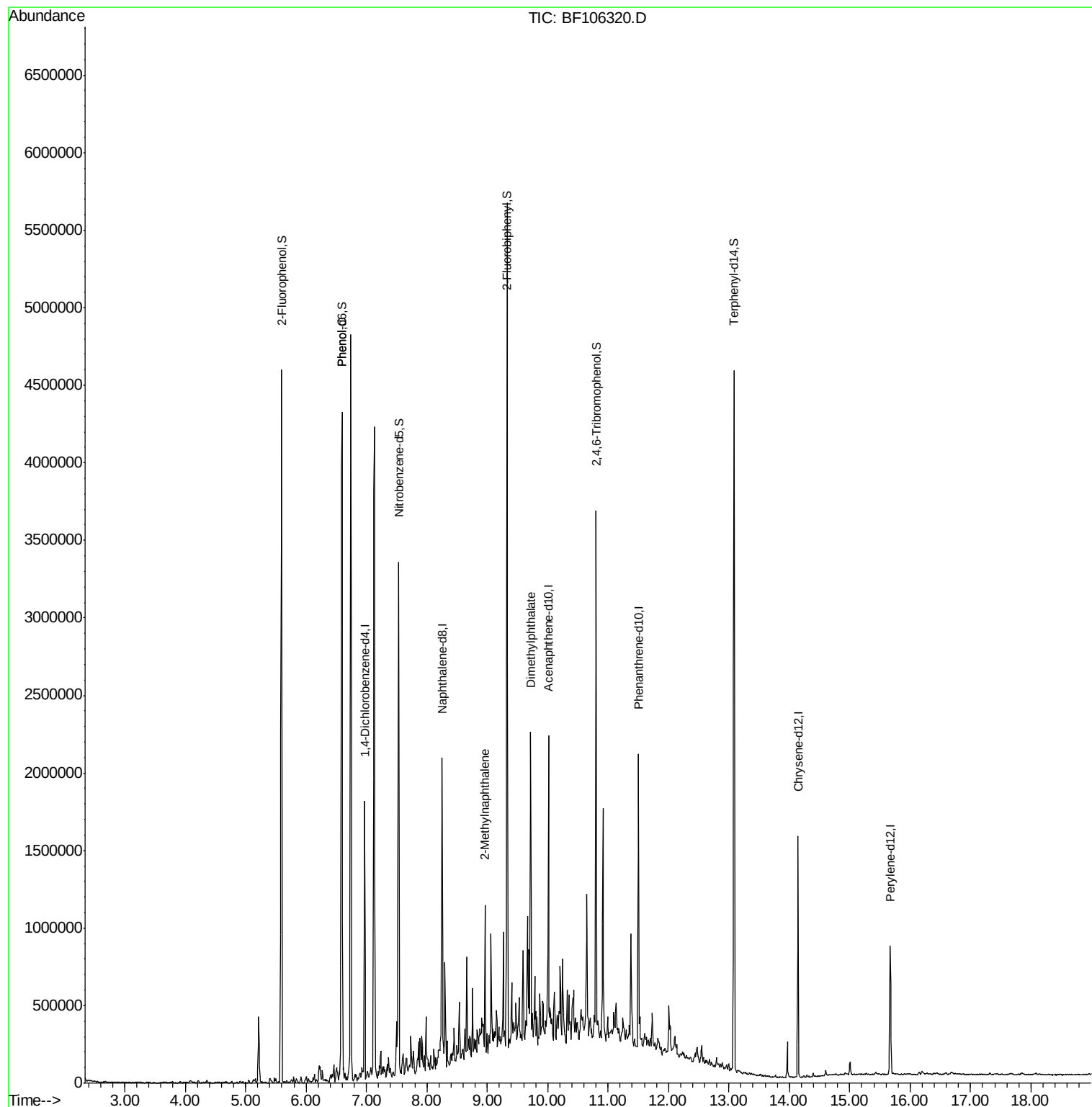
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211459	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	775547	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	365679	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	615029	20.00	ng	0.00
75) Chrysene-d12	14.14	240	504266	20.00	ng	-0.02
86) Perylene-d12	15.67	264	389272	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1448231	115.92	ng	0.01
7) Phenol-d6	6.60	99	1773017	112.32	ng	0.00
23) Nitrobenzene-d5	7.54	82	1191130	90.35	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	472962	134.42	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1833838	91.07	ng	0.00
78) Terphenyl-d14	13.08	244	1664220	81.97	ng	0.00
Target Compounds						
10) Phenol	6.60	94	38211	2.217	ng	76
37) 2-Methylnaphthalene	8.97	142	233939	9.797	ng	97
49) Dimethylphthalate	9.72	163	315197	12.065	ng	# 97

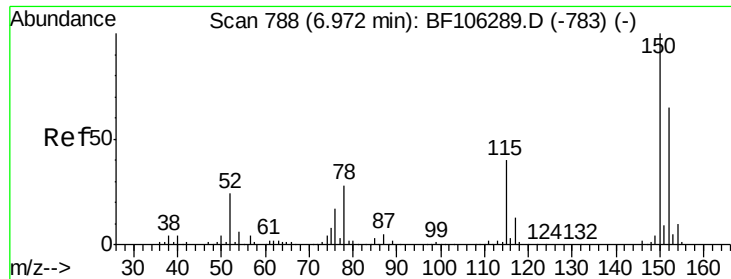
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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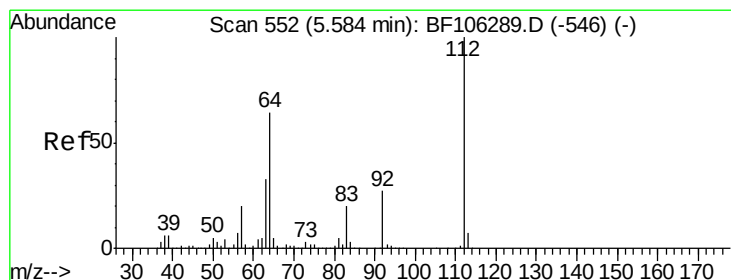
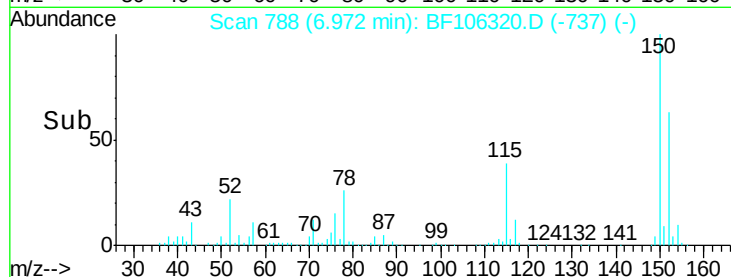
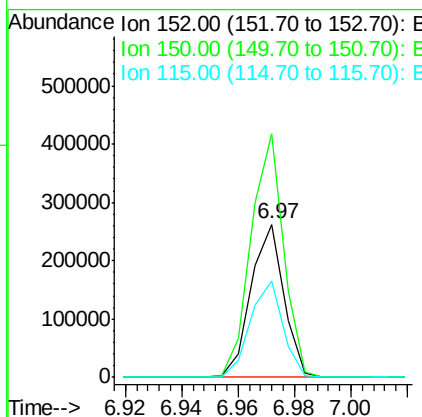
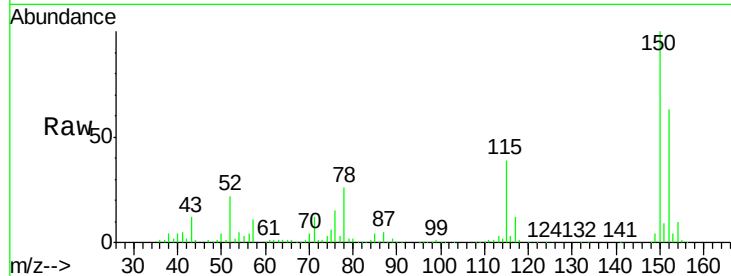


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Instrument :
BNA_F
ClientSampleId :
D-4

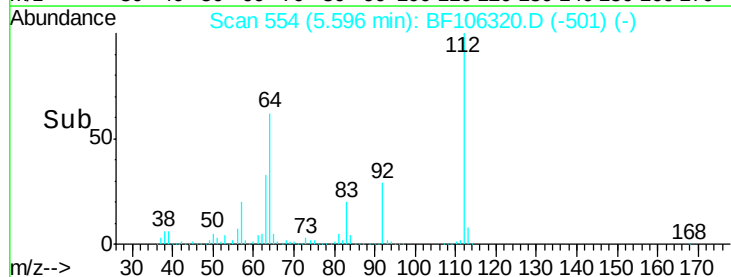
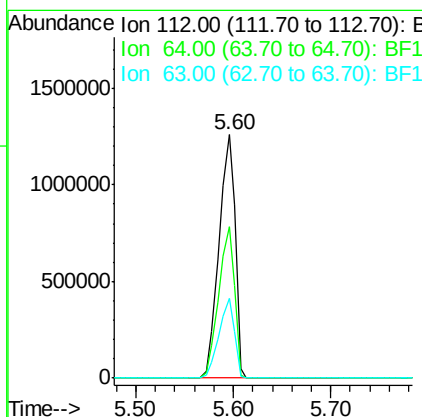
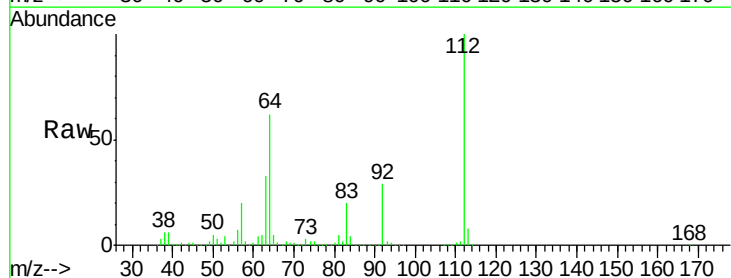
Tot Ion:152 Resp: 211459
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.6 50.1 75.1

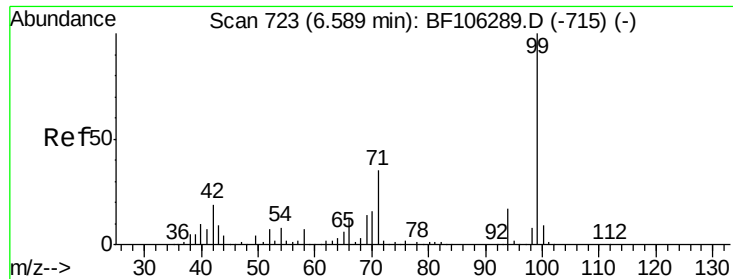


#5

2-Fluorophenol
Concen: 115.915 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Tgt Ion:112 Resp: 1448231
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 112.324 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

Instrument :

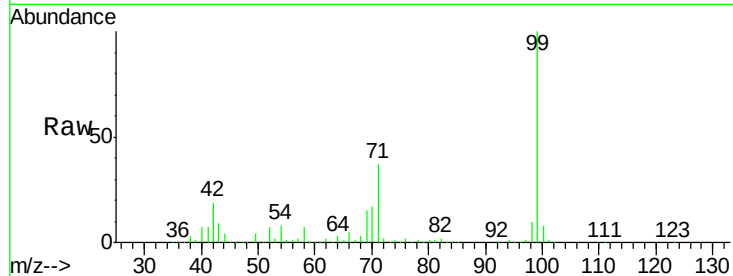
BNA_F

ClientSampleId :

D-4

Tot Ion: 99 Resp: 1773017

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	36.9	25.4	38.0

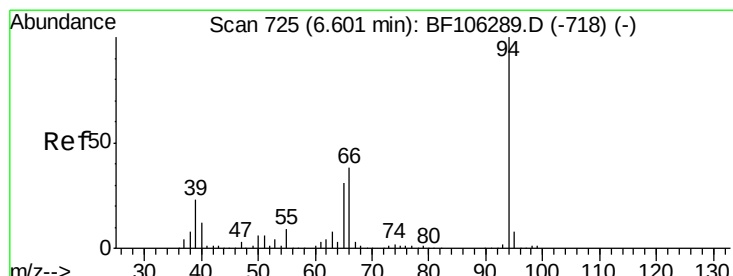
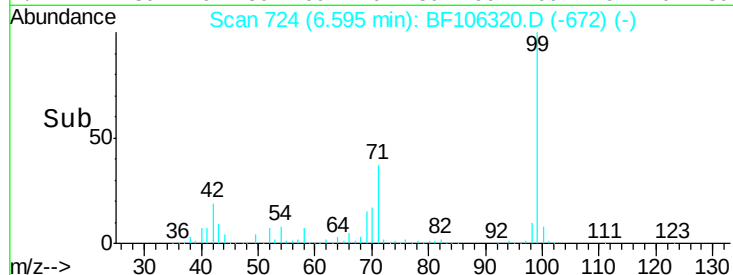


Abundance

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



#10

Phenol

Concen: 2.217 ng

RT: 6.60 min Scan# 725

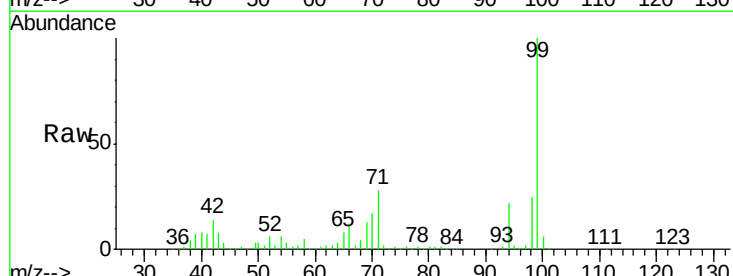
Delta R.T. 0.00 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

Tgt Ion: 94 Resp: 38211

Ion	Ratio	Lower	Upper
94	100		
65	36.3	7.9	47.9
66	54.1	16.2	56.2

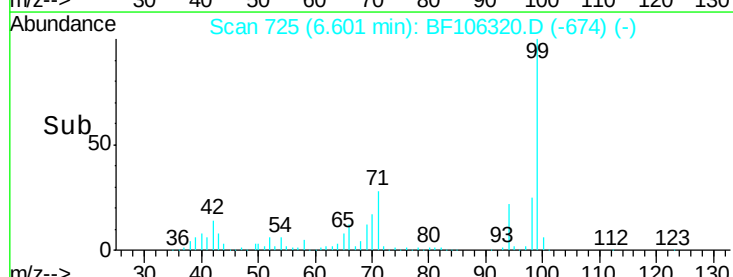


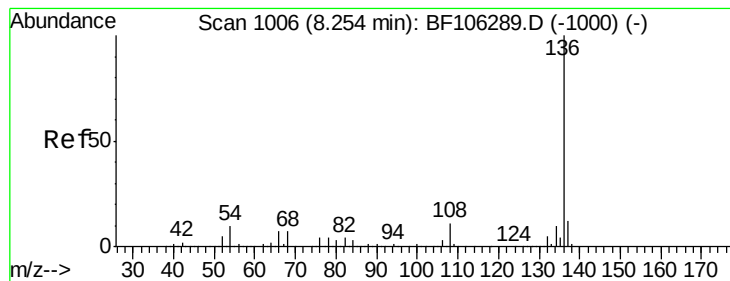
Abundance

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: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

Instrument :

BNA_F

ClientSampled :

D-4

Tot Ion:136 Resp: 775547

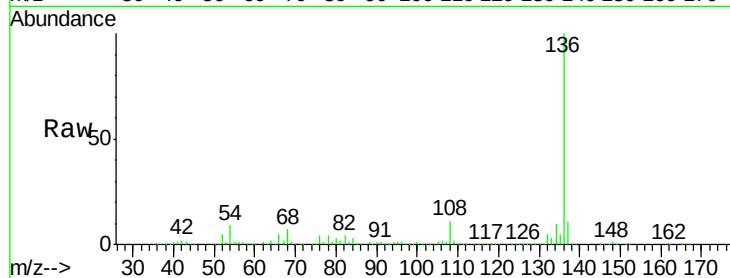
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.8 6.6 9.8

68 6.9 5.0 7.4

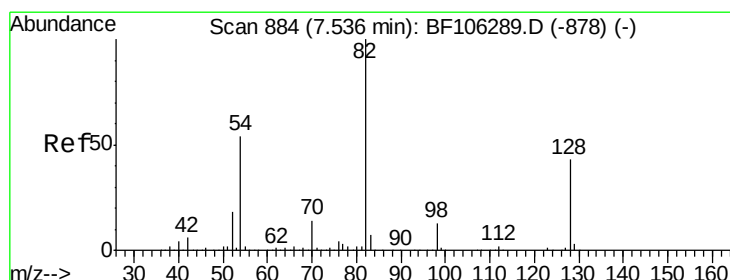
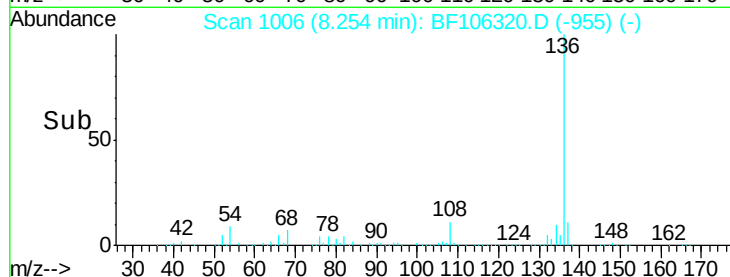
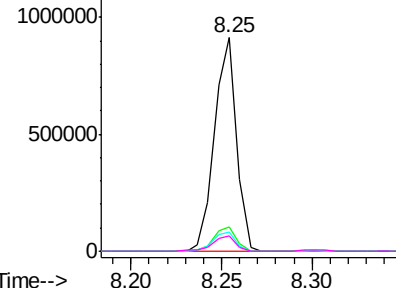


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.352 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

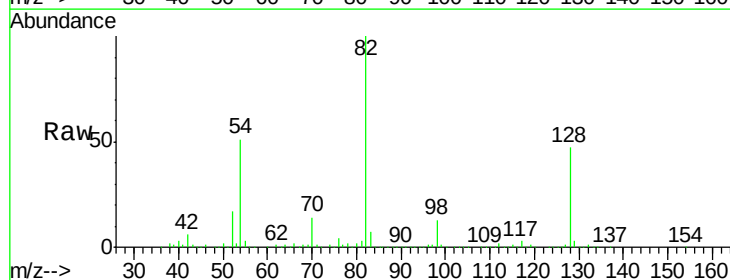
Tgt Ion: 82 Resp: 1191130

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

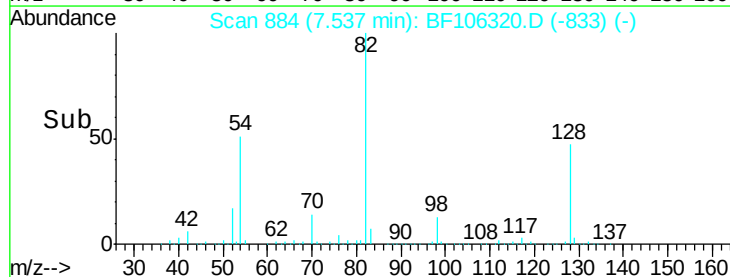
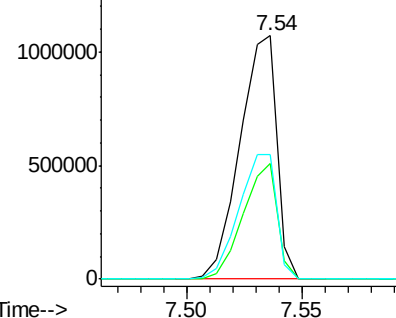
54 51.2 41.4 62.2

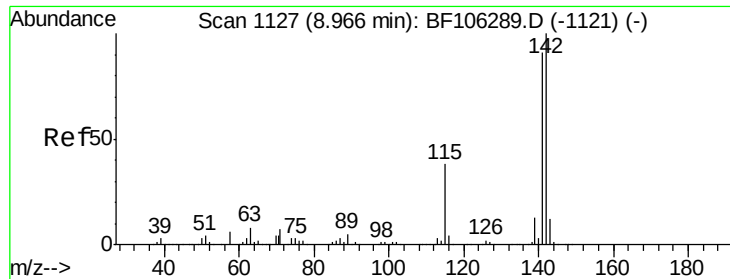


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

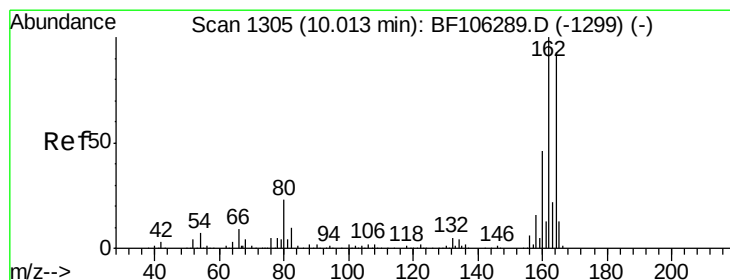
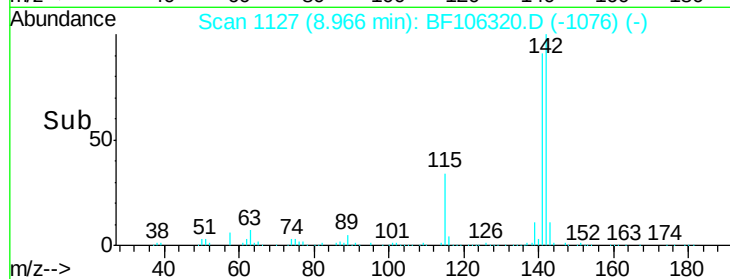
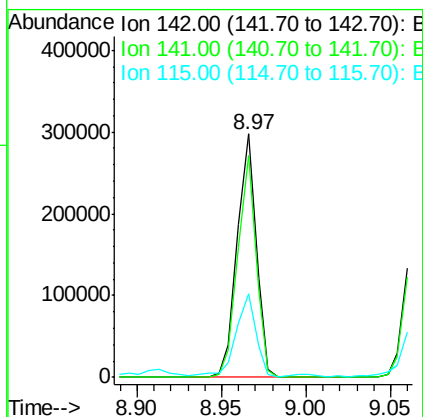
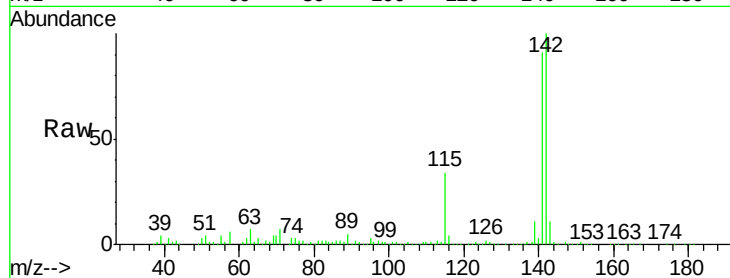




#37
2-Methylnaphthalene
Concen: 9.797 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

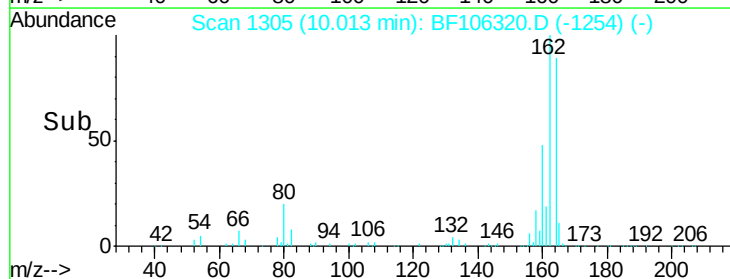
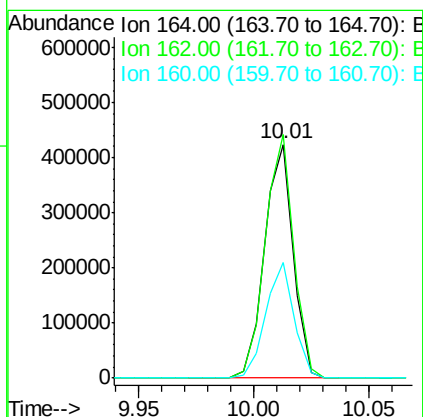
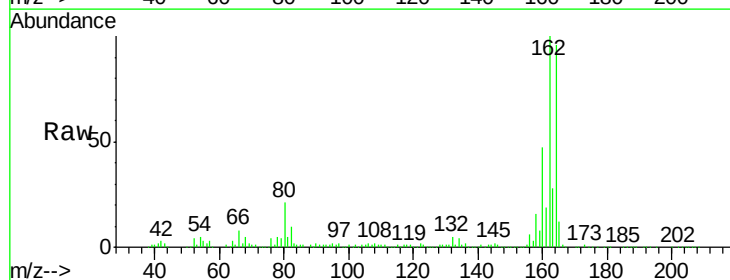
Instrument :
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ClientSampleId :
D-4

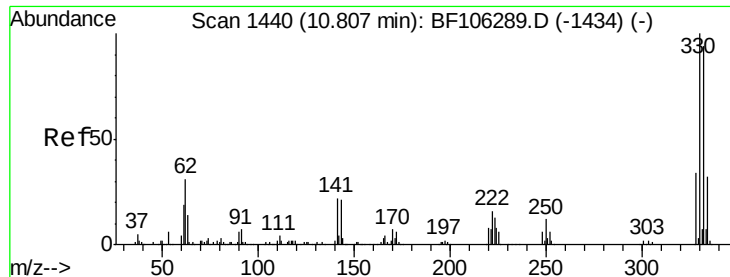
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	34.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	49.5	38.3	57.5

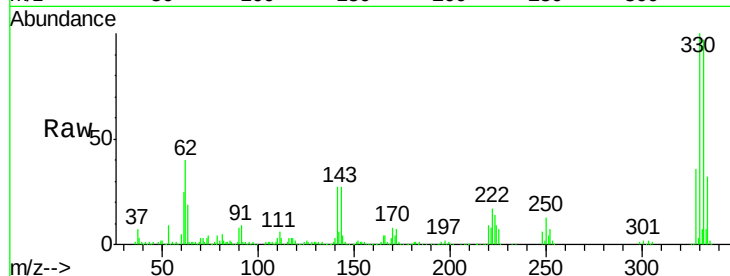




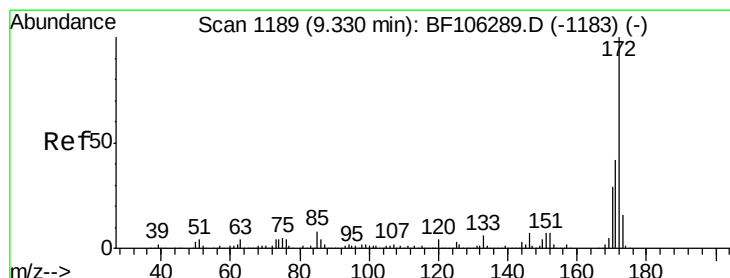
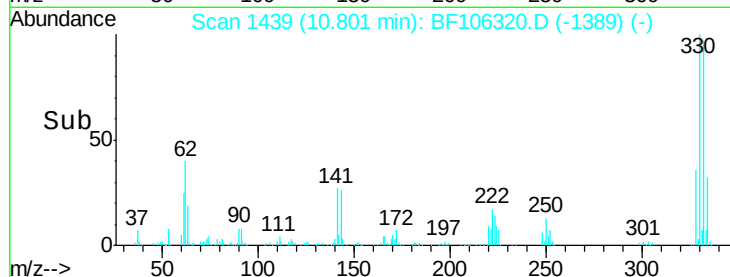
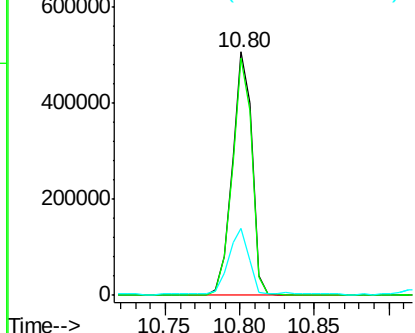
#41
 2,4,6-Tribromophenol
 Concen: 134.423 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106320.D
 Acq: 12 Jun 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 D-4

Tot Ion:330 Resp: 472962
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 28.8 29.9 44.9#

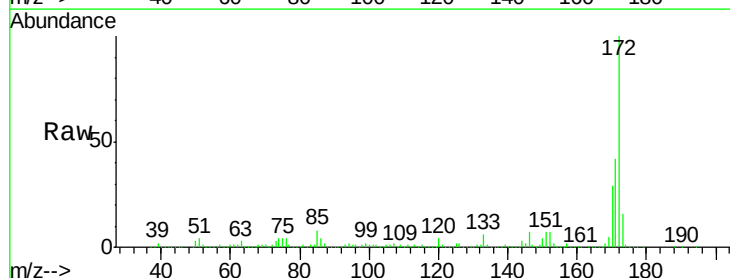


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

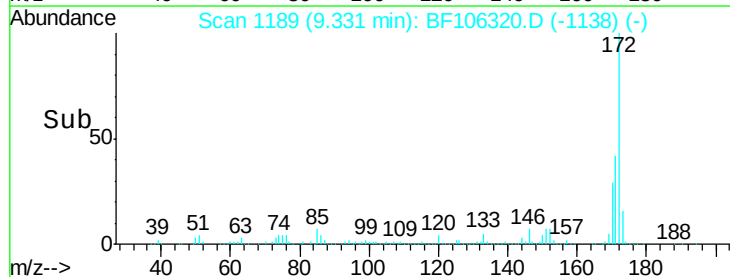
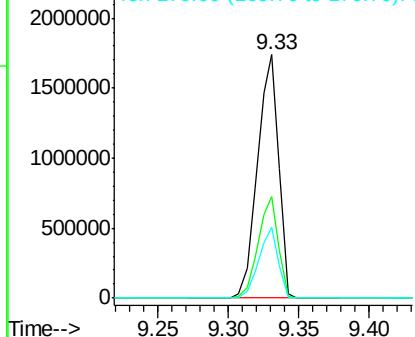


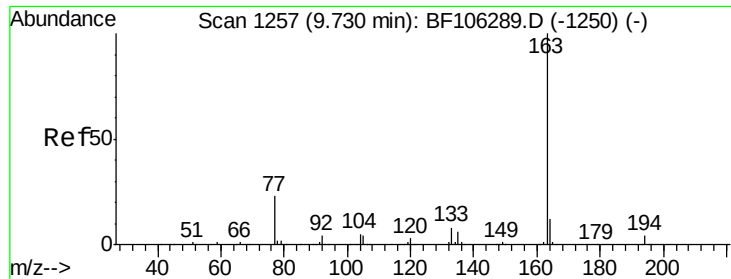
#44
 2-Fluorobiphenyl
 Concen: 91.068 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106320.D
 Acq: 12 Jun 2018 2:41

Tgt Ion:172 Resp: 1833838
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.7 44.5
 170 28.8 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

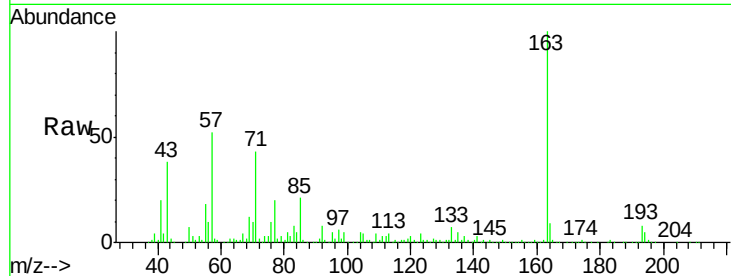




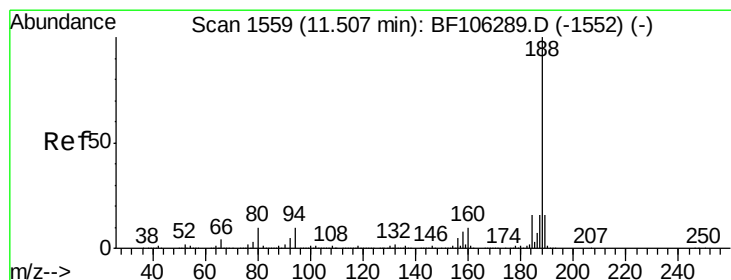
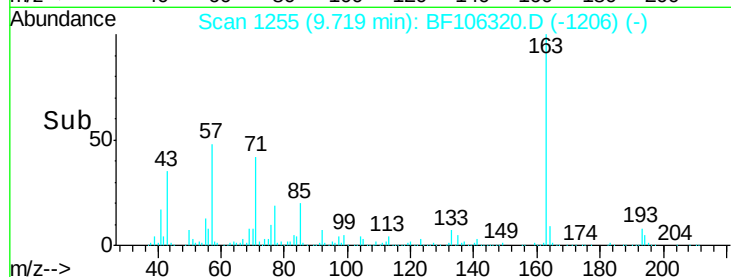
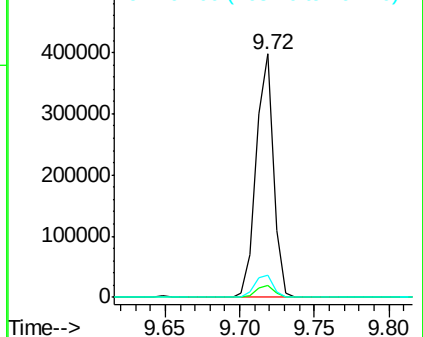
#49
Dimethylphthalate
Concen: 12.065 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Instrument :
BNA_F
ClientSampleId :
D-4

Tot Ion:163 Resp: 315197
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 9.3 8.2 12.2

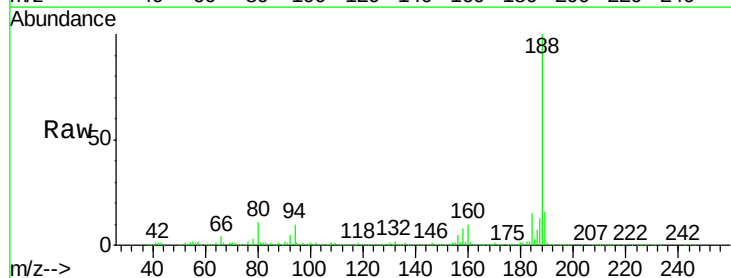


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

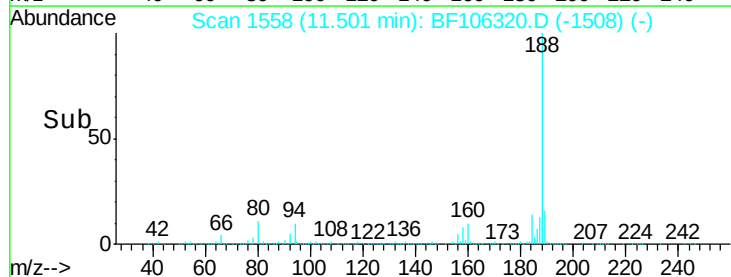
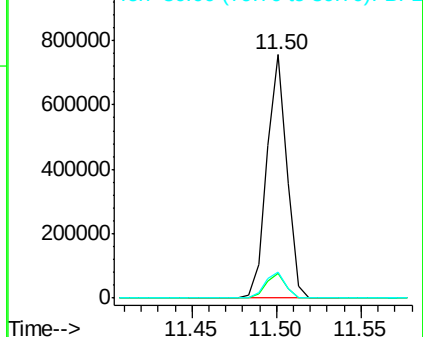


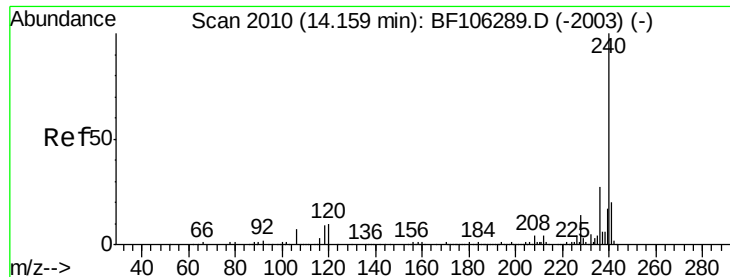
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Tgt Ion:188 Resp: 615029
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 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. -0.02 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

Instrument :

BNA_F

ClientSampleId :

D-4

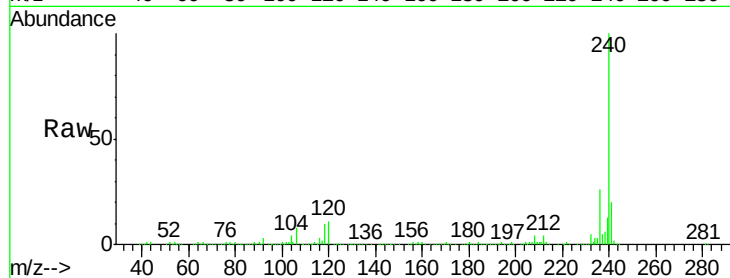
Tot Ion:240 Resp: 504266

Ion Ratio Lower Upper

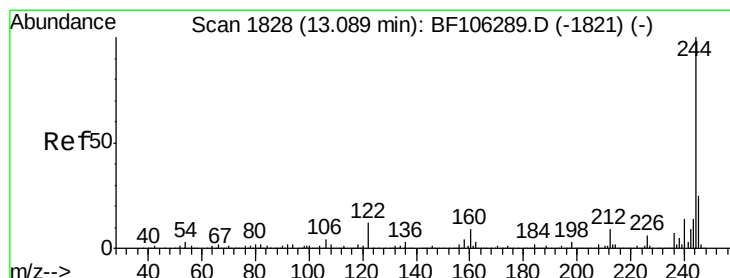
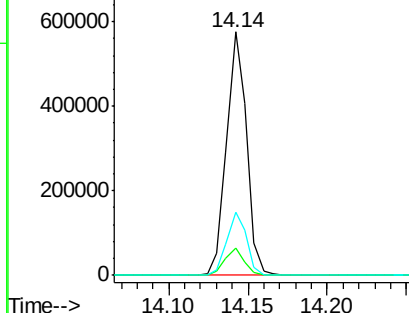
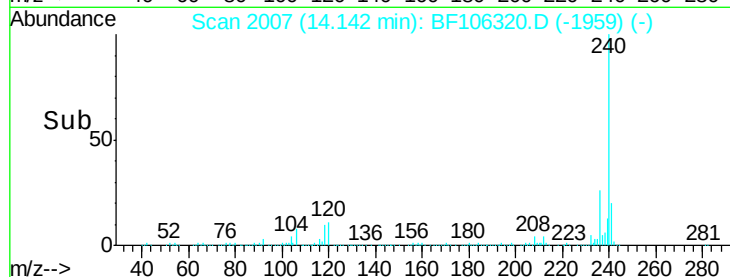
240 100

120 11.3 9.5 14.3

236 26.0 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: 81.972 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106320.D

Acq: 12 Jun 2018 2:41

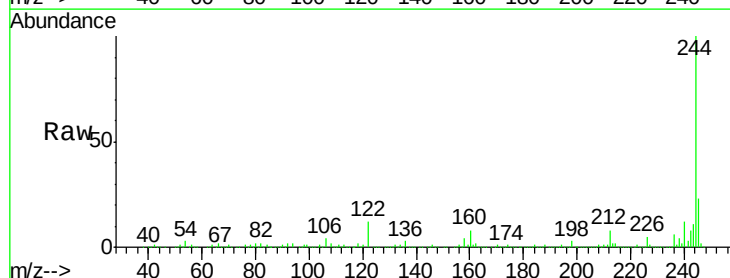
Tgt Ion:244 Resp: 1664220

Ion Ratio Lower Upper

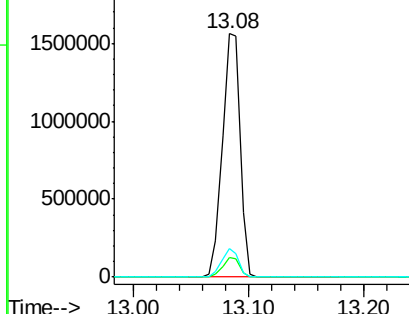
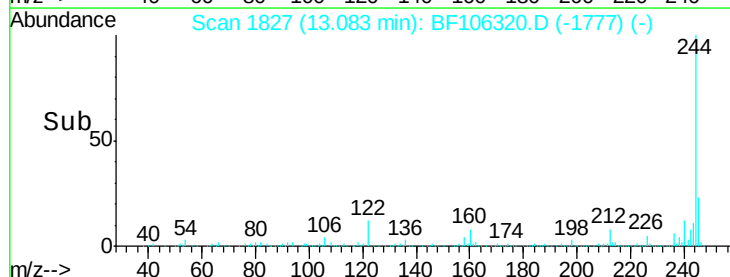
244 100

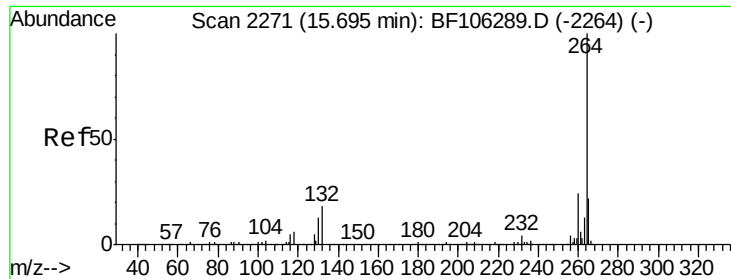
212 8.0 5.4 8.0

122 12.0 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: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106320.D
Acq: 12 Jun 2018 2:41

Instrument :
BNA_F
ClientSampleId :
D-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3

