

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106328.D
 Acq On : 12 Jun 2018 7:16
 Operator : JU/SJ
 Sample : J3309-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Jun 12 08:42:07 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

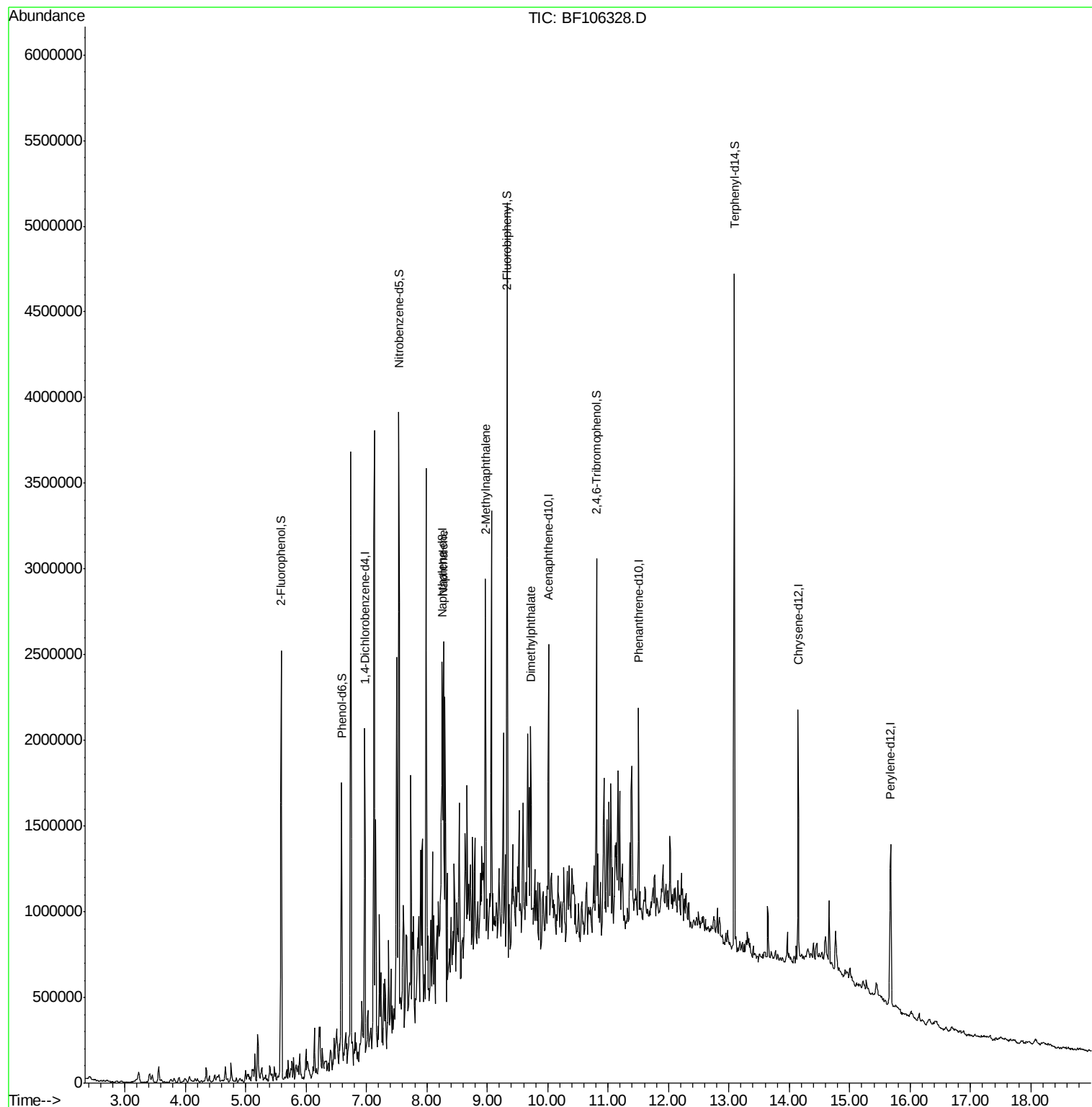
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	182735	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	623443	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	266894	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	444332	20.00	ng	0.00
75) Chrysene-d12	14.15	240	504944	20.00	ng	-0.01
86) Perylene-d12	15.68	264	394487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	628333	58.20	ng	0.00
7) Phenol-d6	6.59	99	519306	38.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	887881	83.78	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	318326	123.96	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1421668	99.83	ng	0.00
78) Terphenyl-d14	13.09	244	1445030	71.08	ng	0.00
Target Compounds						
31) Naphthalene	8.28	128	623633	22.128	ng	98
37) 2-Methylnaphthalene	8.97	142	596564	31.078	ng	97
49) Dimethylphthalate	9.72	163	139682	7.325	ng	# 94

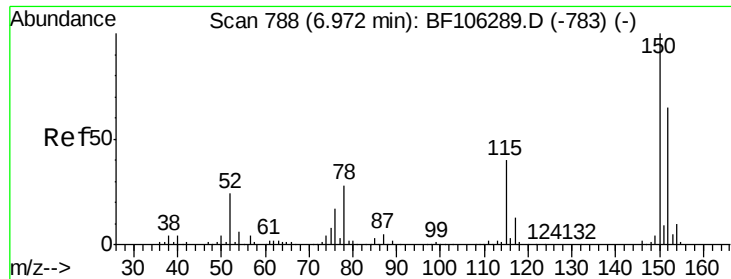
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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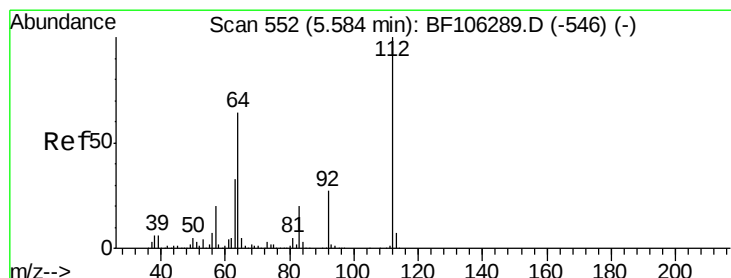
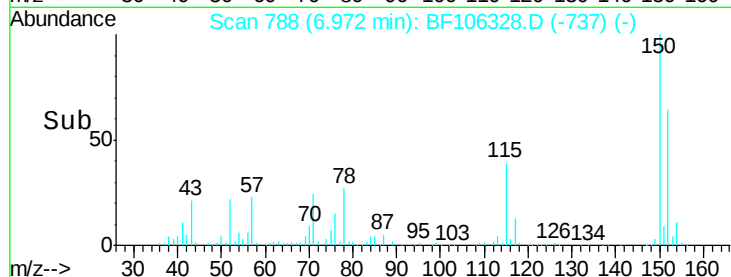
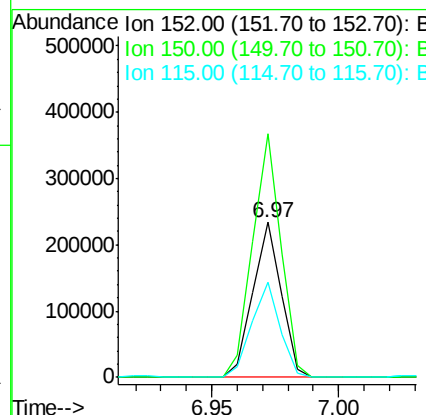
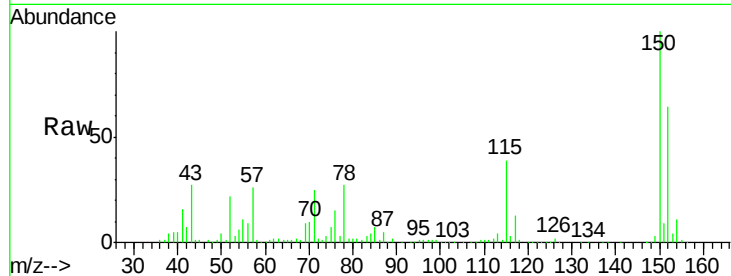


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
MW-08

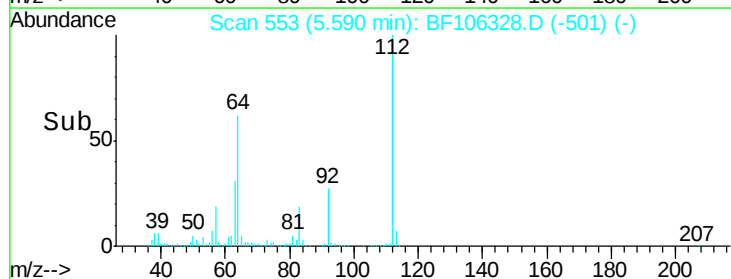
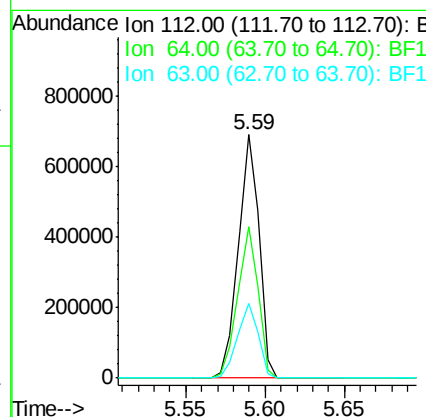
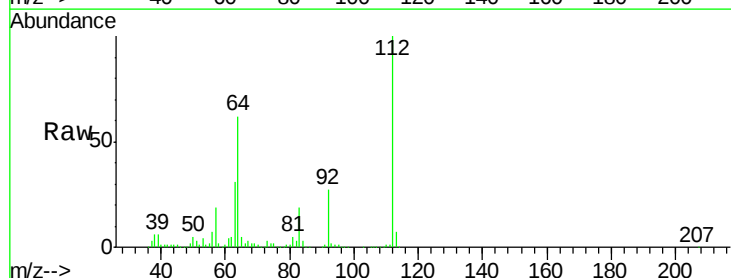
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	61.1	50.1	75.1

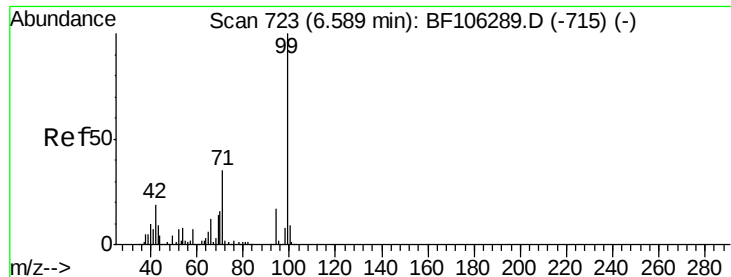


#5

2-Fluorophenol
Concen: 58.196 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 38.070 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106328.D

Acq: 12 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

MW-08

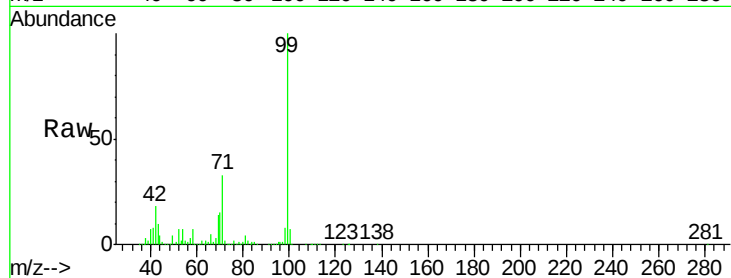
Tot Ion: 99 Resp: 519306

Ion Ratio Lower Upper

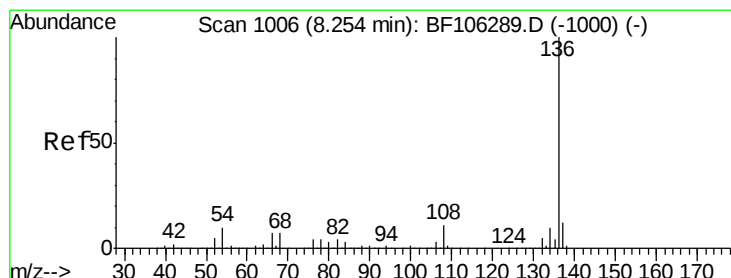
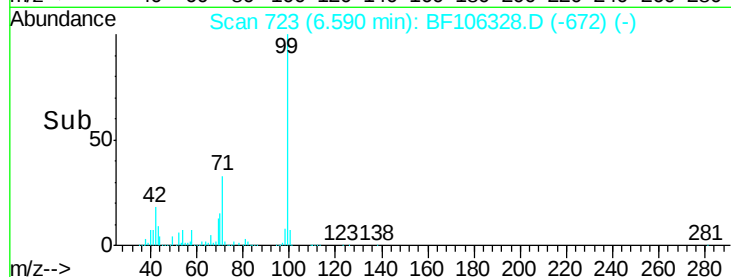
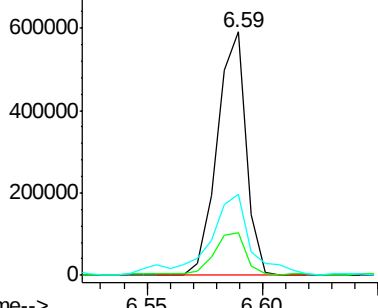
99 100

42 17.8 14.5 21.7

71 33.2 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: BF106328.D

Acq: 12 Jun 2018 7:16

Tgt Ion: 136 Resp: 623443

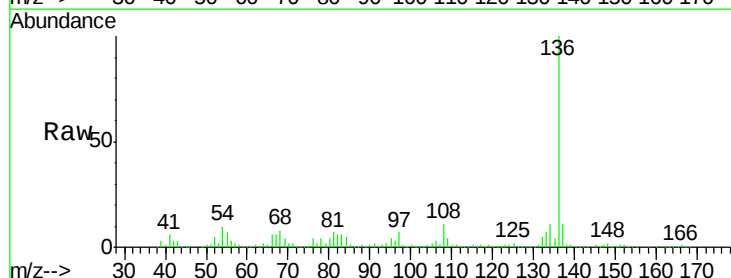
Ion Ratio Lower Upper

136 100

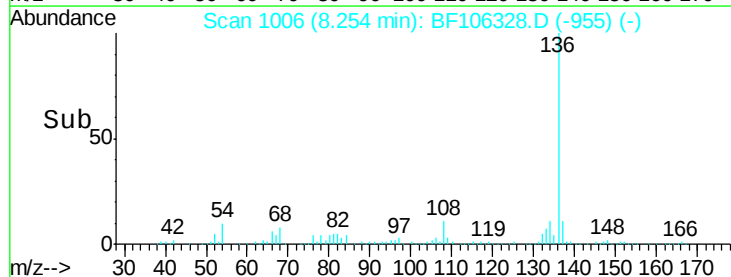
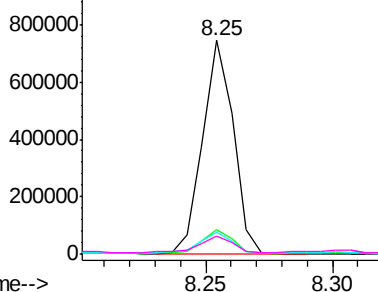
137 11.3 8.9 13.3

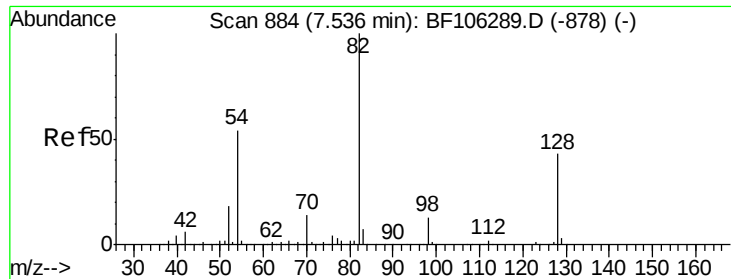
54 10.2 6.6 9.8#

68 8.3 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

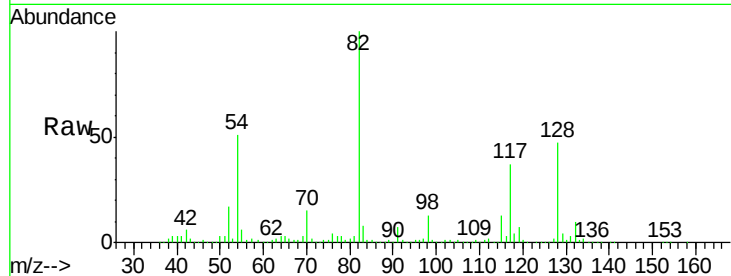




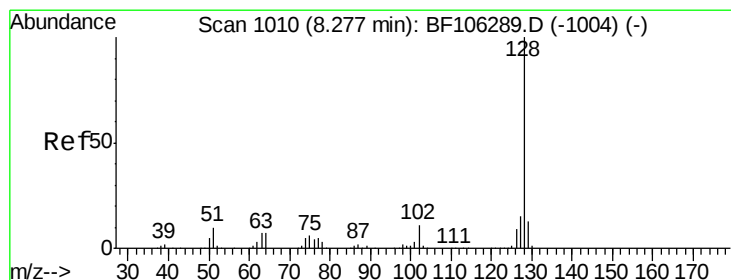
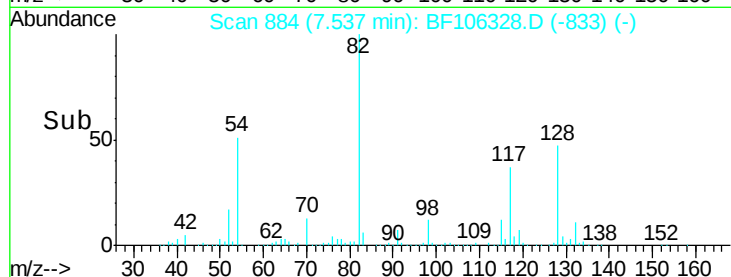
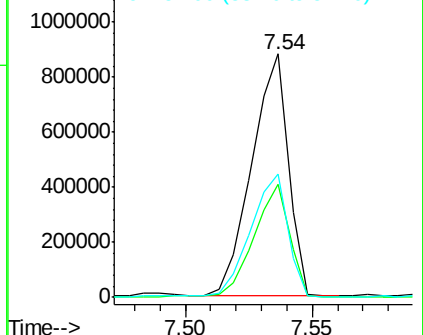
#23
Nitrobenzene-d5
Concen: 83.781 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion: 82 Resp: 887881
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 50.8 41.4 62.2

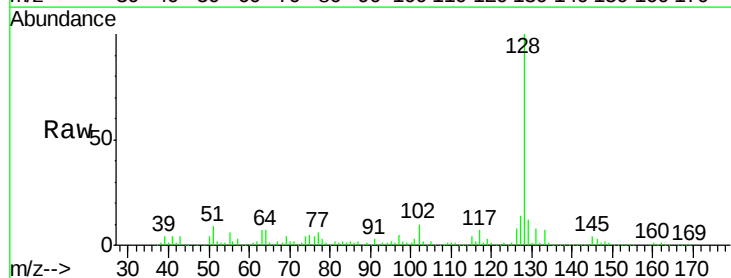


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

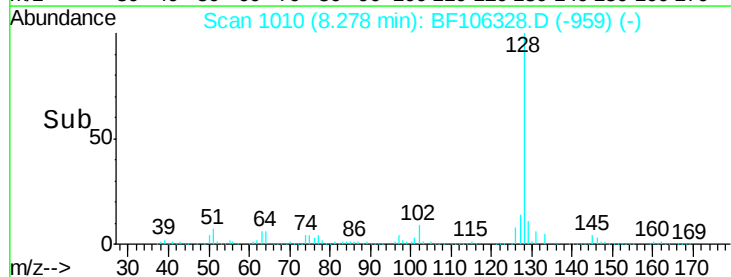
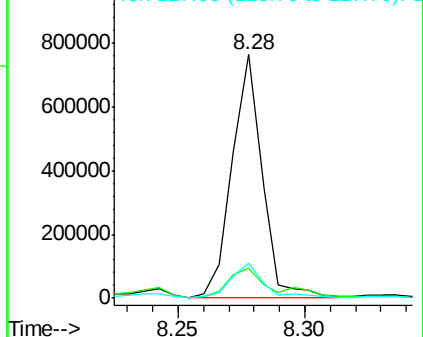


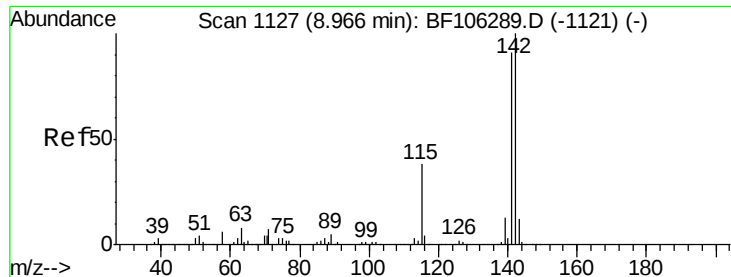
#31
Naphthalene
Concen: 22.128 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Tgt Ion: 128 Resp: 623633
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

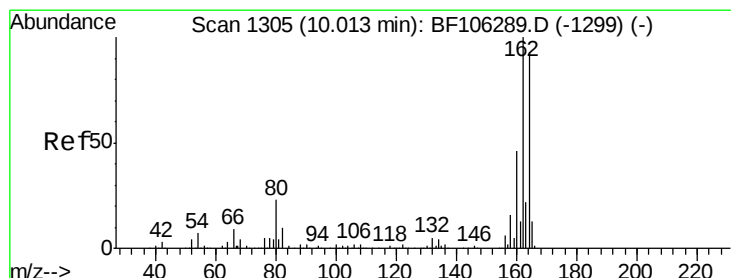
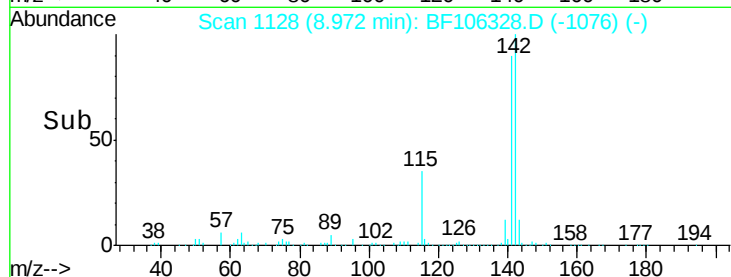
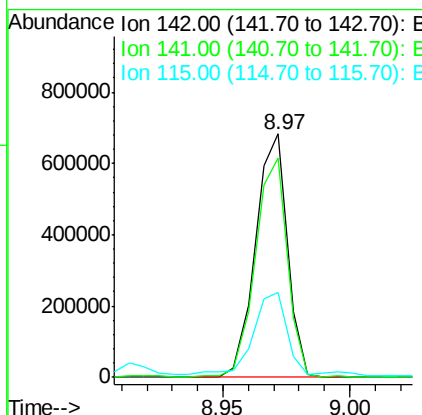
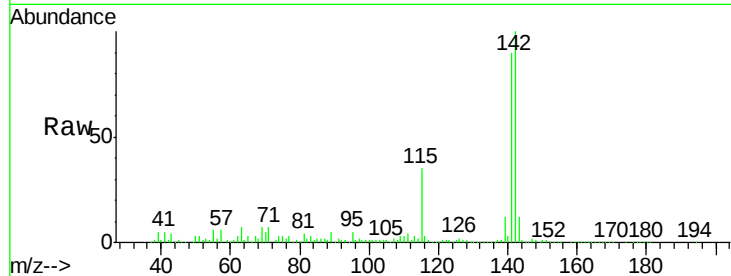




#37
2-Methylnaphthalene
Concen: 31.078 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

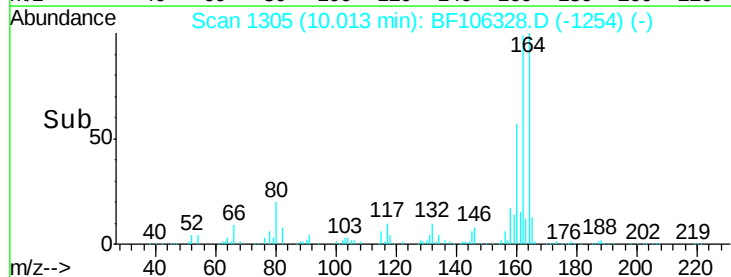
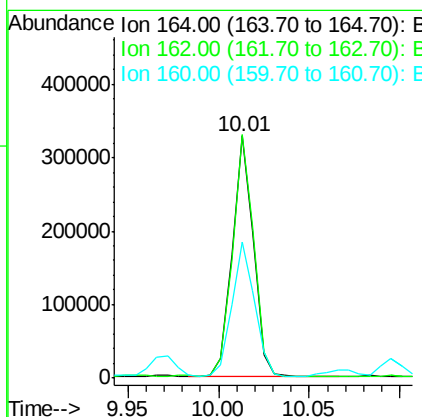
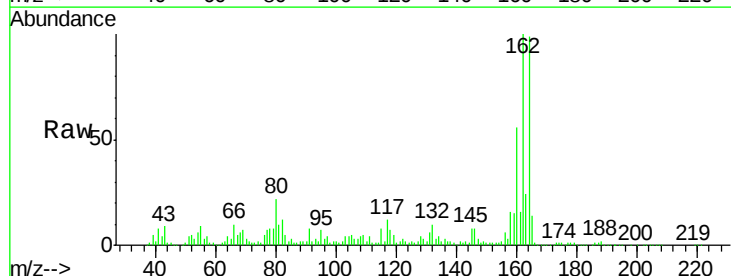
Instrument :
BNA_F
ClientSampleId :
MW-08

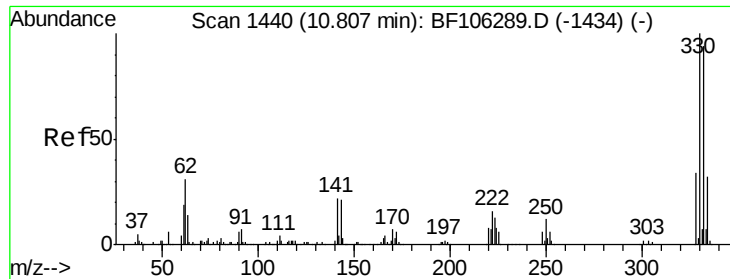
Tot Ion:142 Resp: 596564
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 35.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Tgt Ion:164 Resp: 266894
Ion Ratio Lower Upper
164 100
162 100.6 86.1 129.1
160 56.2 38.3 57.5

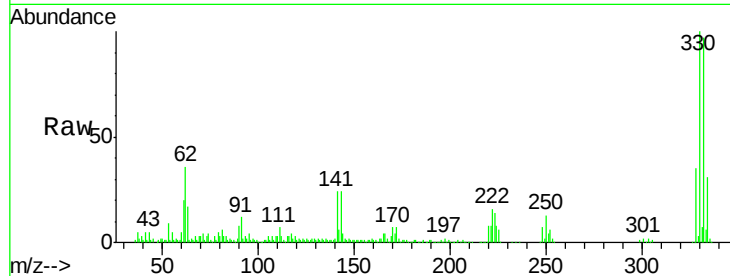




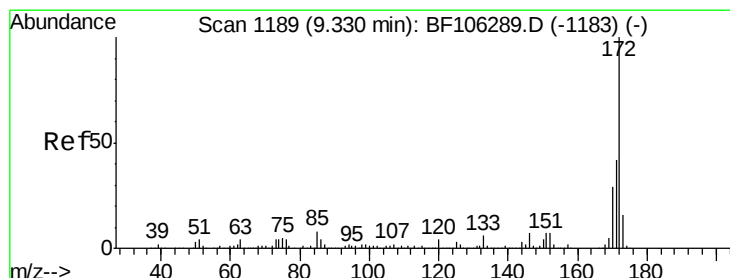
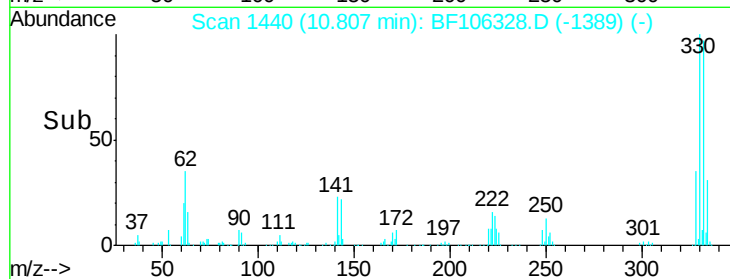
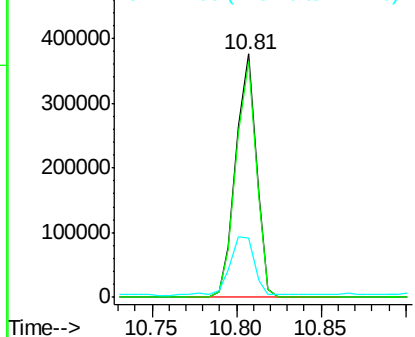
#41
 2,4,6-Tribromophenol
 Concen: 123.960 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106328.D
 Acq: 12 Jun 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:330 Resp: 318326
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.7 29.9 44.9#

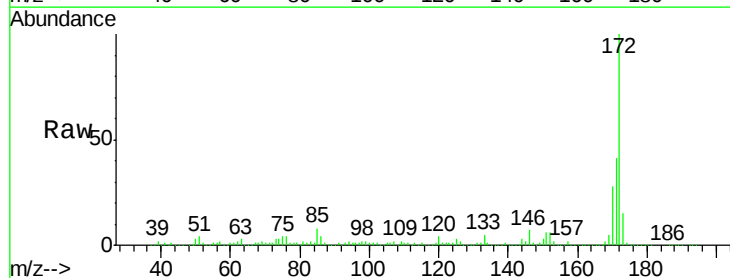


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

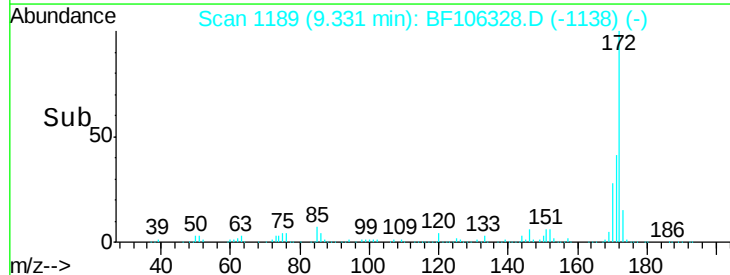
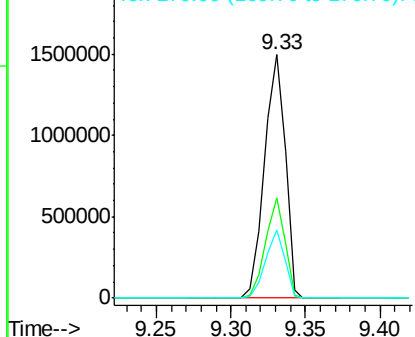


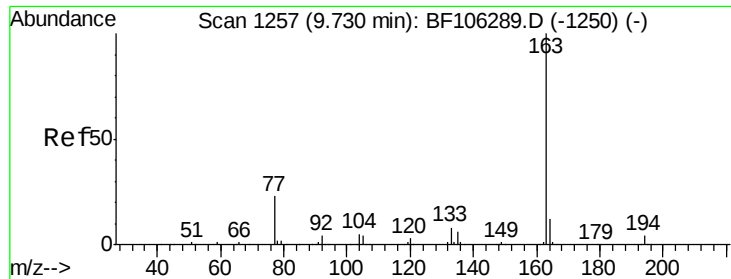
#44
 2-Fluorobiphenyl
 Concen: 99.830 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106328.D
 Acq: 12 Jun 2018 7:16

Tgt Ion:172 Resp: 1421668
 Ion Ratio Lower Upper
 172 100
 171 41.1 29.7 44.5
 170 27.9 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

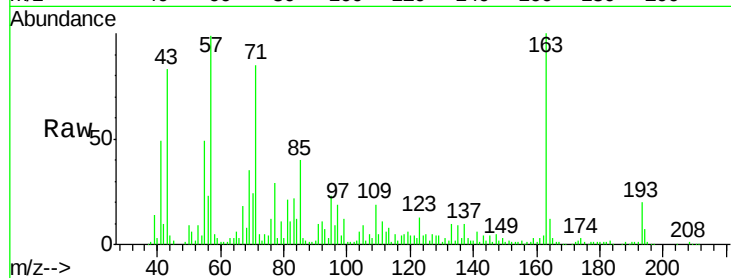




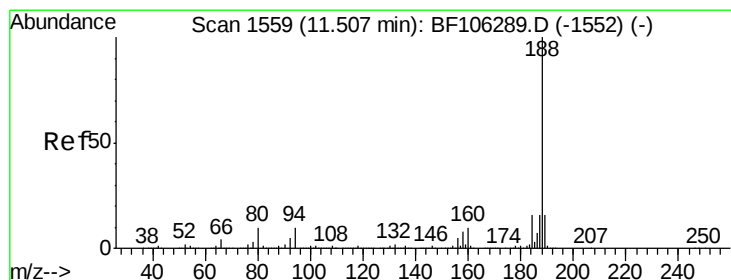
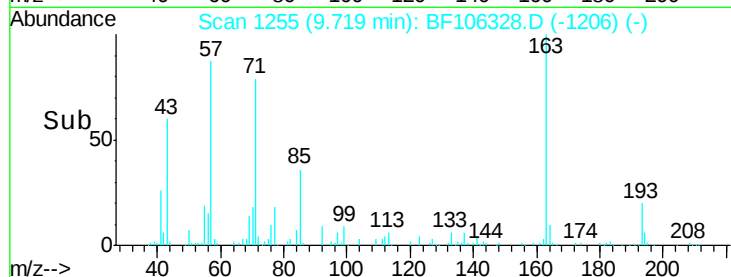
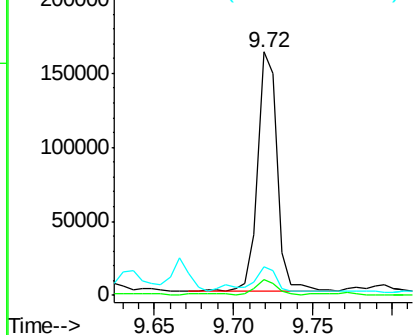
#49
Dimethylphthalate
Concen: 7.325 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:163 Resp: 139682
Ion Ratio Lower Upper
163 100
194 6.6 2.7 4.1#
164 12.0 8.2 12.2

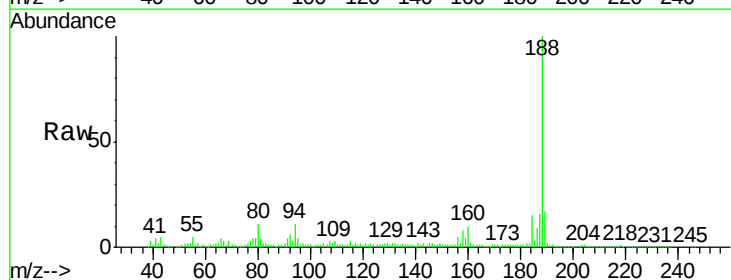


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

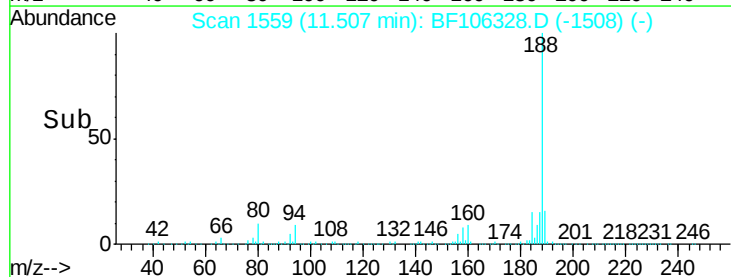
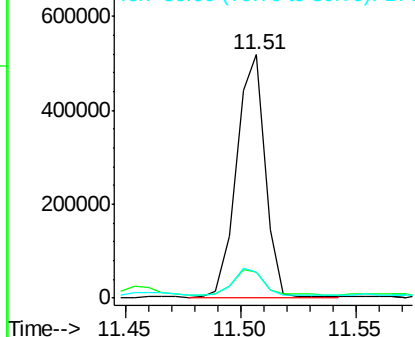


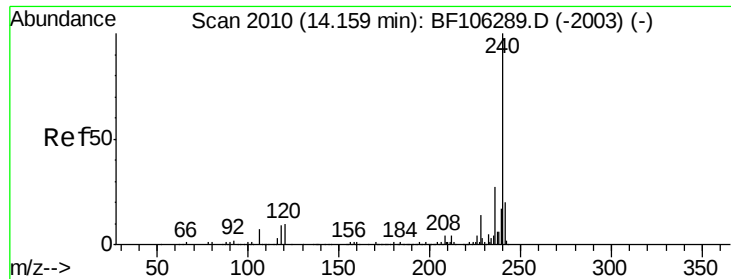
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Tgt Ion:188 Resp: 444332
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.6 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106328.D

Acq: 12 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

MW-08

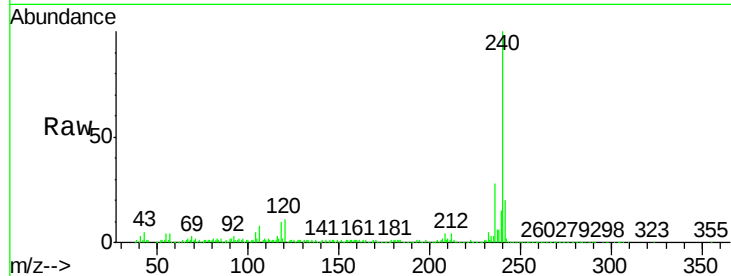
Tot Ion:240 Resp: 504944

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

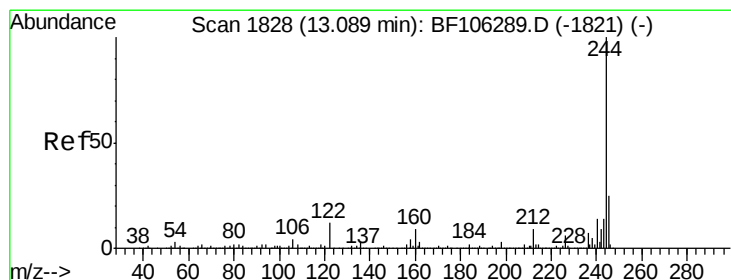
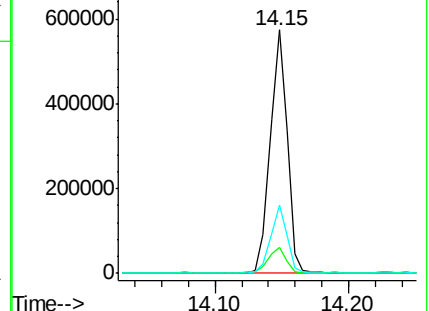
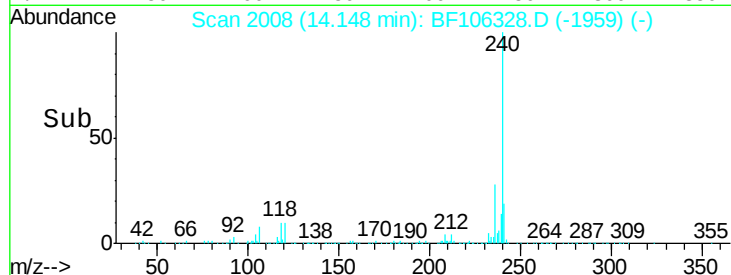
236 27.8 20.7 31.1



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: 71.080 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106328.D

Acq: 12 Jun 2018 7:16

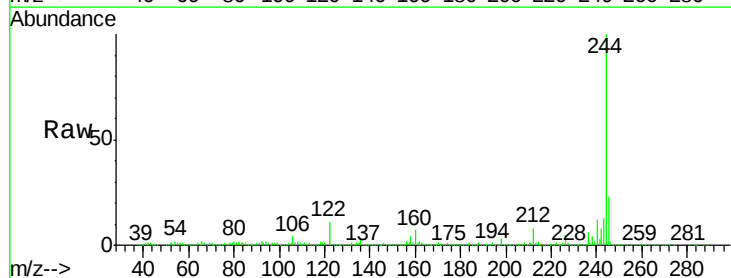
Tgt Ion:244 Resp: 1445030

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

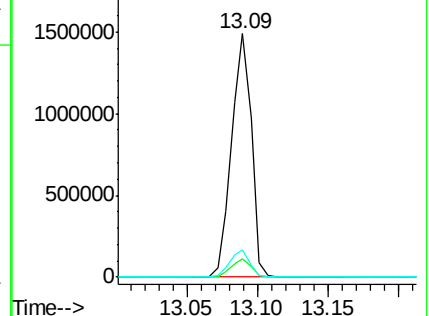
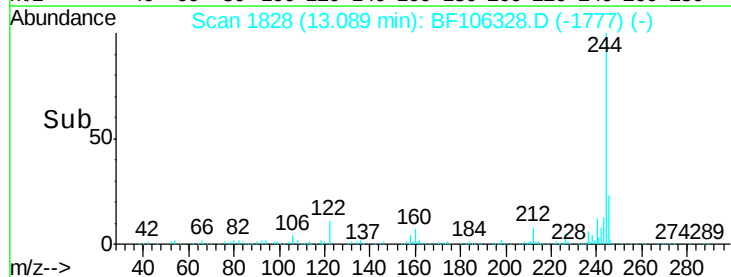
122 11.1 11.0 16.4

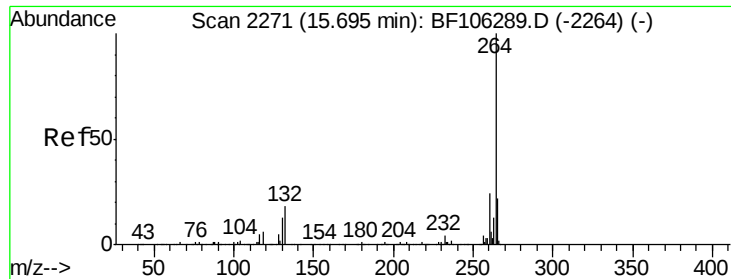


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BF106328.D
Acq: 12 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:	264	Resp:	394487
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

