

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101670.D
 Acq On : 22 Dec 2017 22:50
 Operator : SJ/JU
 Sample : I6966-02 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10

Quant Time: Dec 23 00:18:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

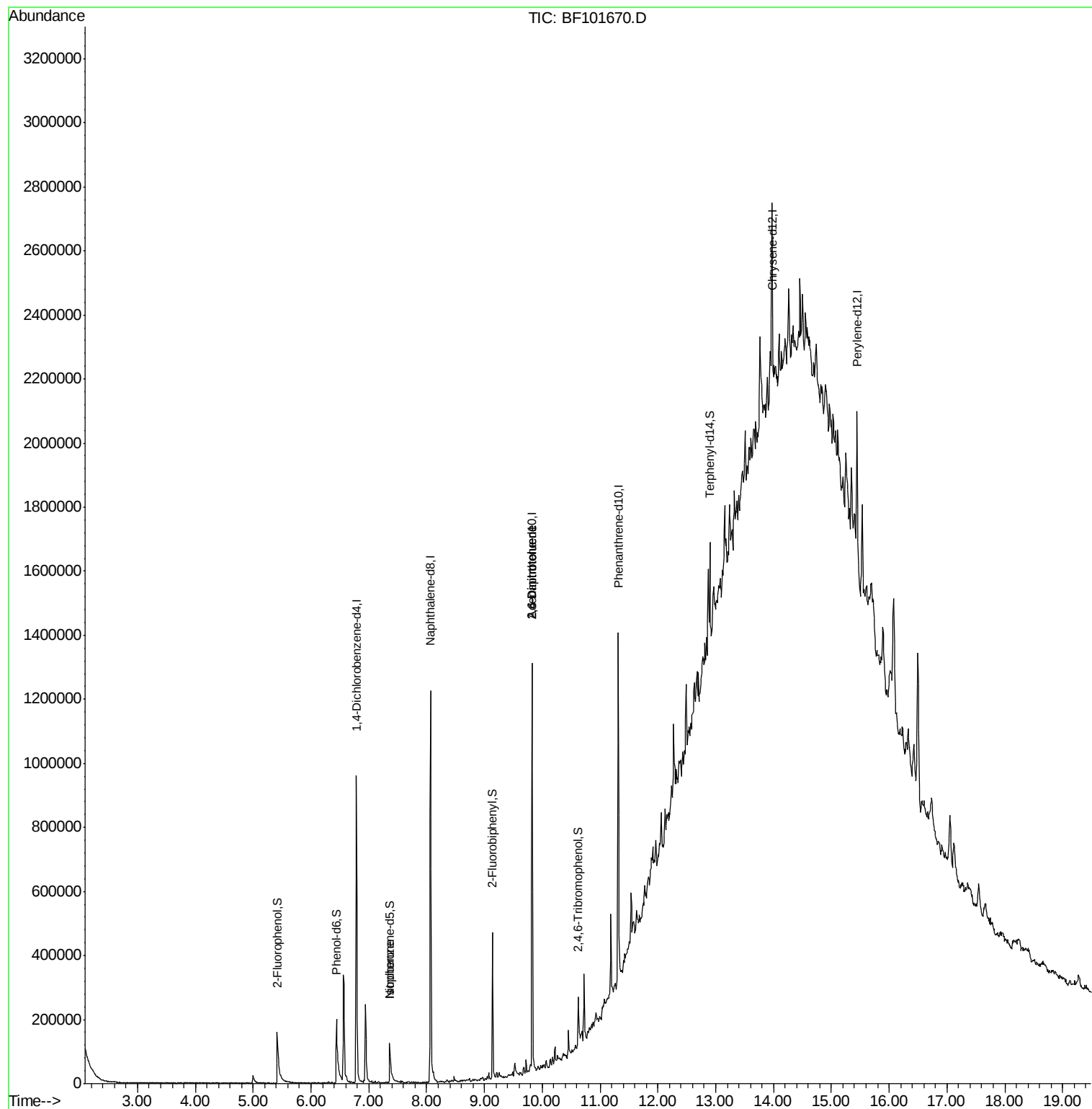
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155600	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	594549	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	240561	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379688	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272963	20.00	ng	0.00
86) Perylene-d12	15.44	264	266872	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	108522	10.39	ng	0.01
7) Phenol-d6	6.44	99	143467	11.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	78030	7.31	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20184	8.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	146222	9.43	ng	0.00
78) Terphenyl-d14	12.90	244	99754	8.81	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	78030	3.642	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	32047	8.149	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	32047	7.233	ng	# 23

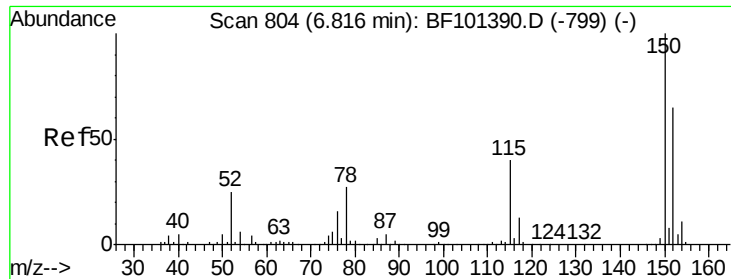
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101670.D
Acq On : 22 Dec 2017 22:50
Operator : SJ/JU
Sample : I6966-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Quant Time: Dec 23 00:18:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



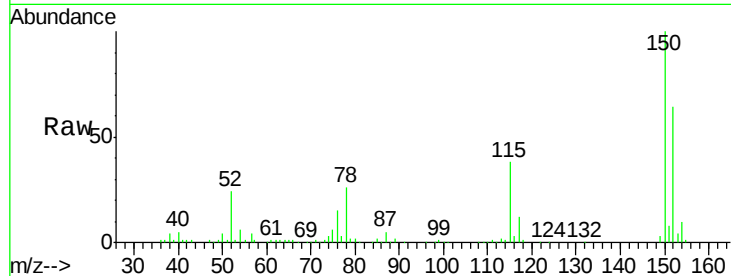


#1

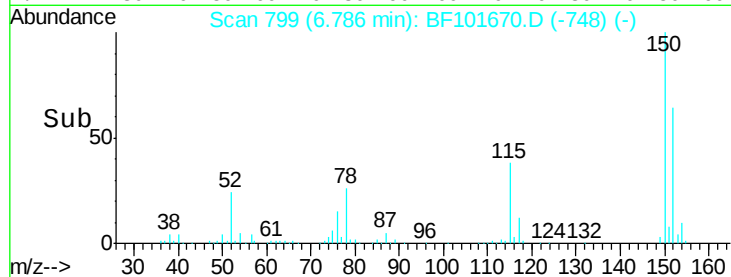
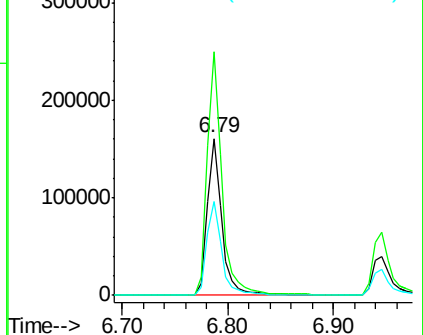
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10

Tot Ion:152 Resp: 155600
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 59.5 50.1 75.1



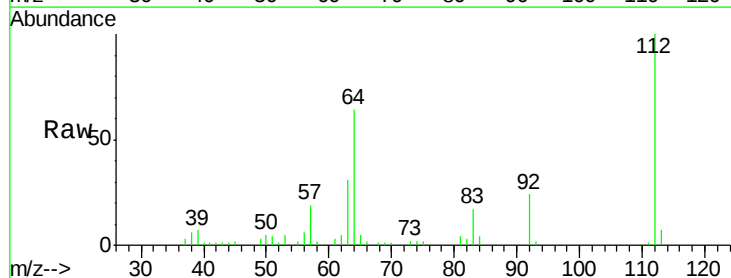
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



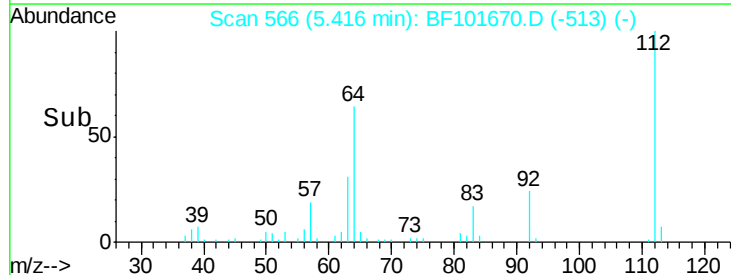
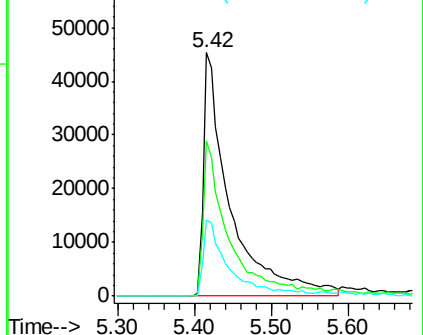
#5

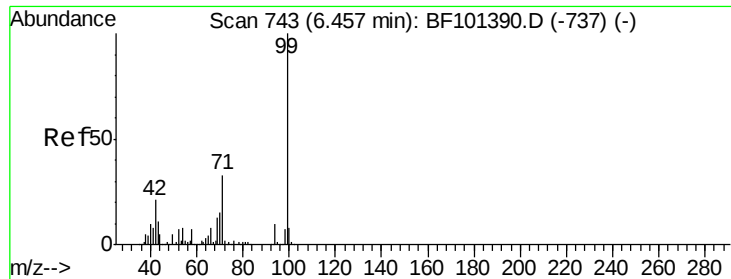
2-Fluorophenol
Concen: 10.389 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101670.D
Acq: 22 Dec 2017 22:50

Tgt Ion:112 Resp: 108522
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 31.0 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: 11.036 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10

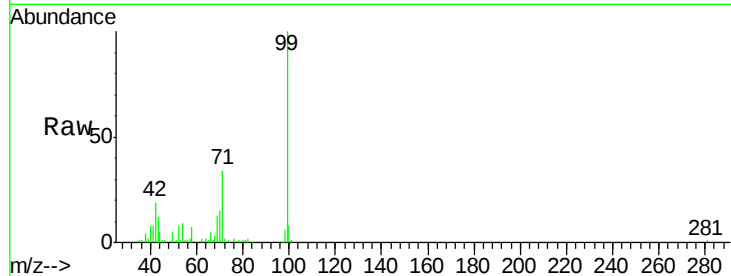
Tot Ion: 99 Resp: 143467

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

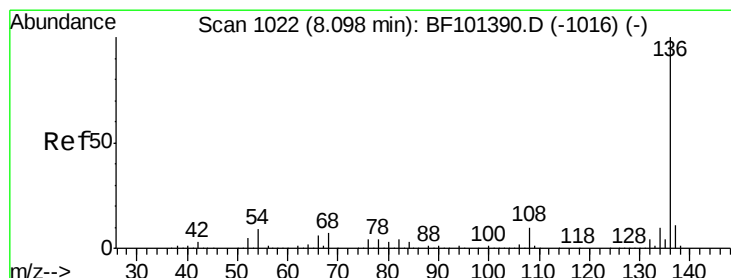
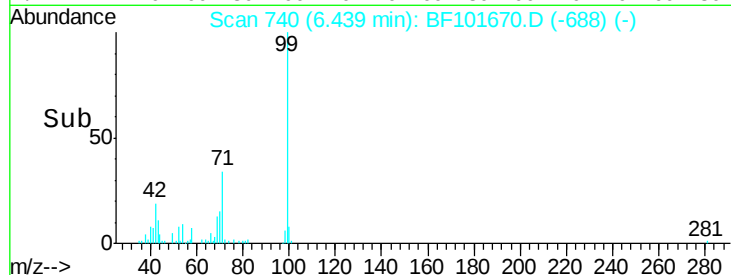
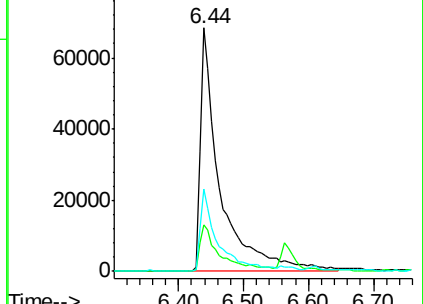
71 33.9 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

Tgt Ion: 136 Resp: 594549

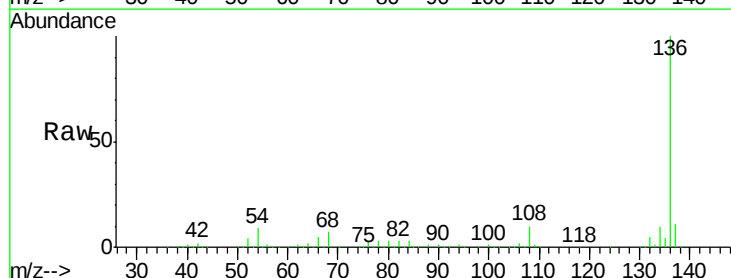
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 6.6 5.0 7.4

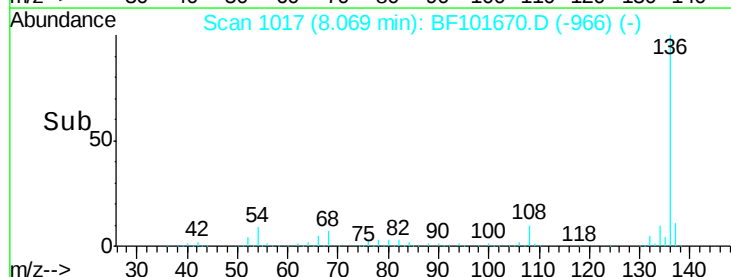
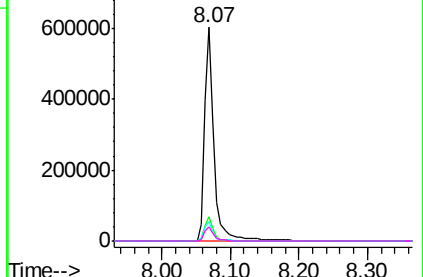


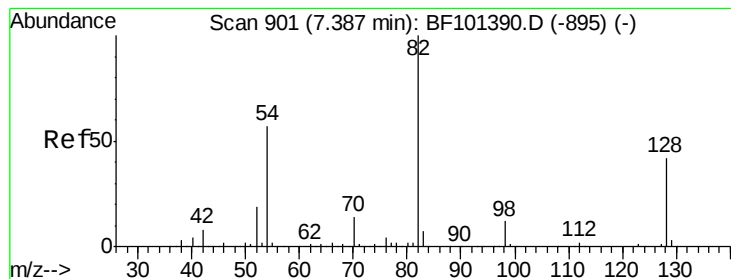
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.306 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10

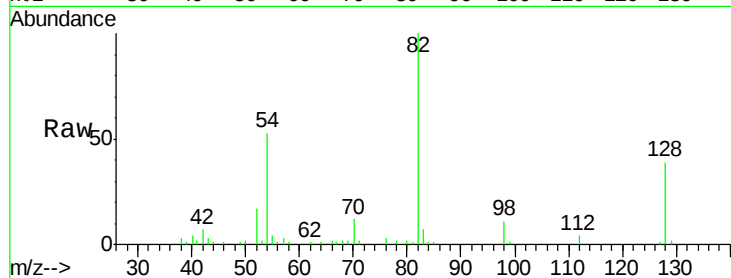
Tot Ion: 82 Resp: 78030

Ion Ratio Lower Upper

82 100

128 39.0 36.1 54.1

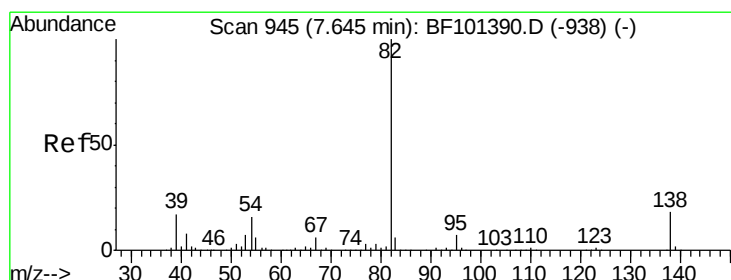
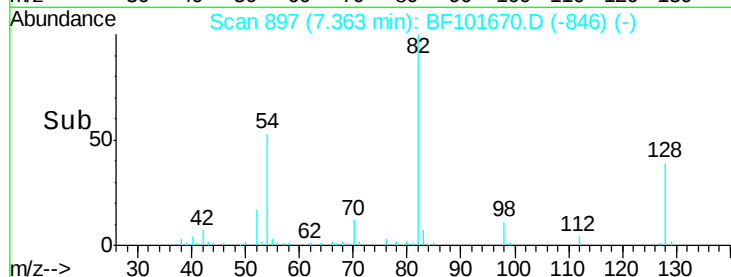
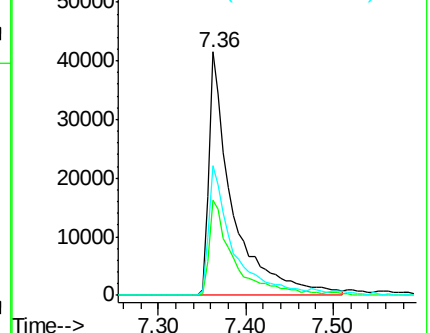
54 53.3 41.4 62.2



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: 3.642 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

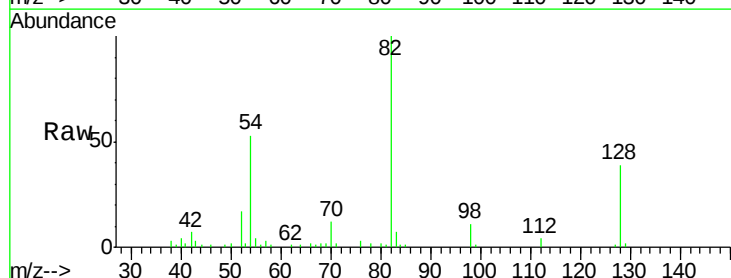
Tgt Ion: 82 Resp: 78030

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

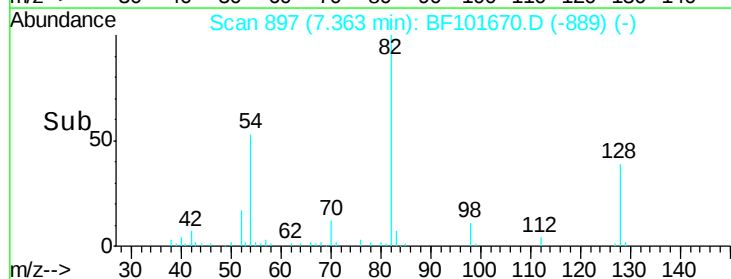
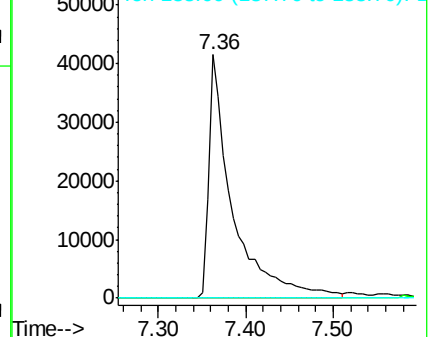
138 0.0 14.9 22.3#

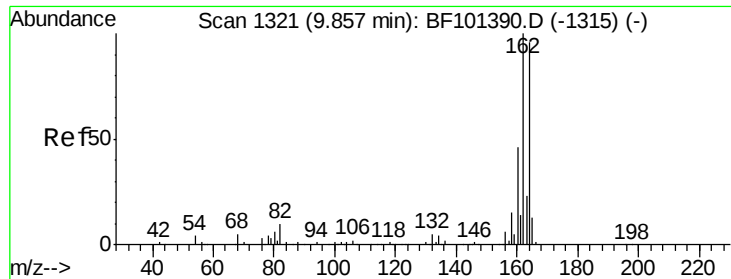


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

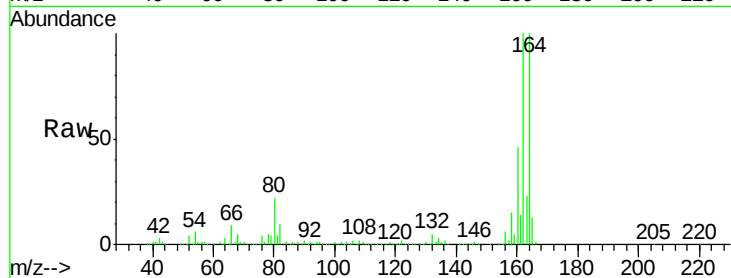




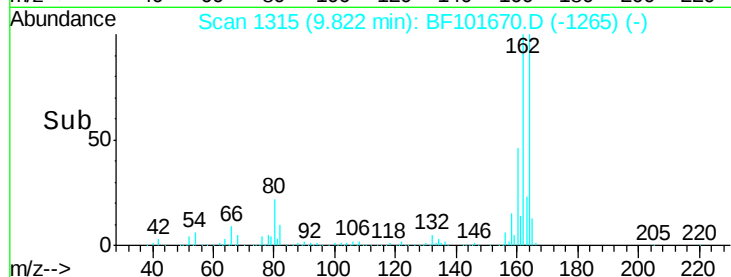
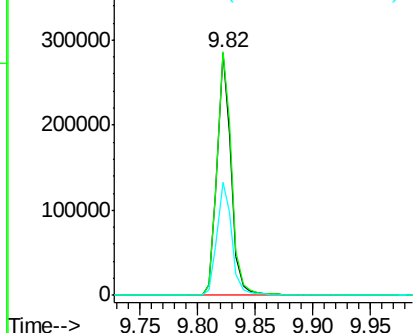
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.7	38.3	57.5

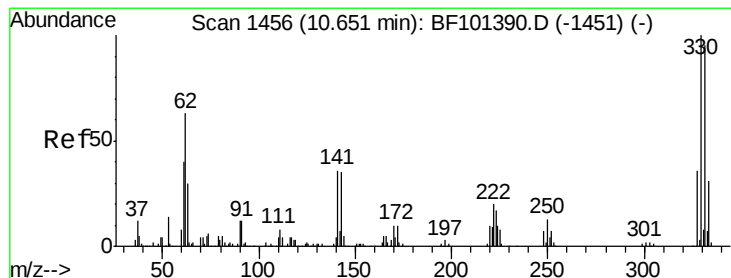


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

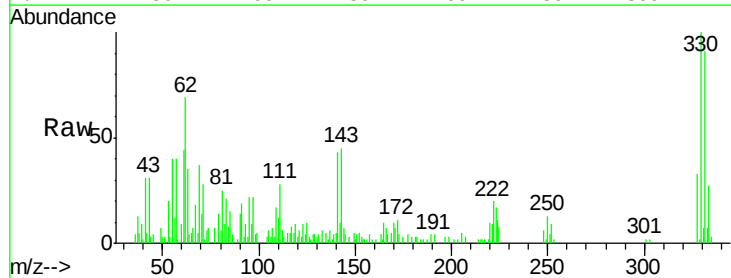
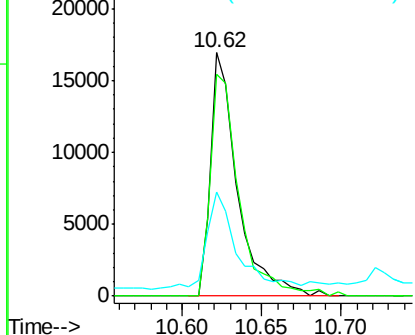


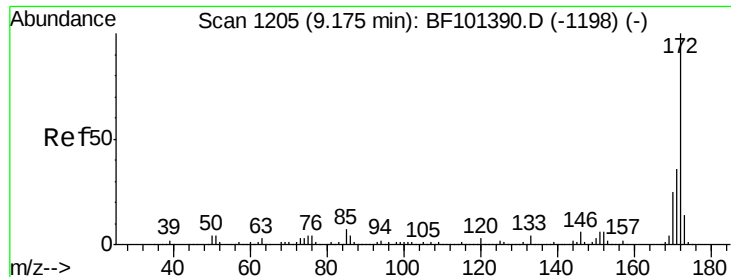
#41
 2,4,6-Tribromophenol
 Concen: 8.708 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	46.1	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

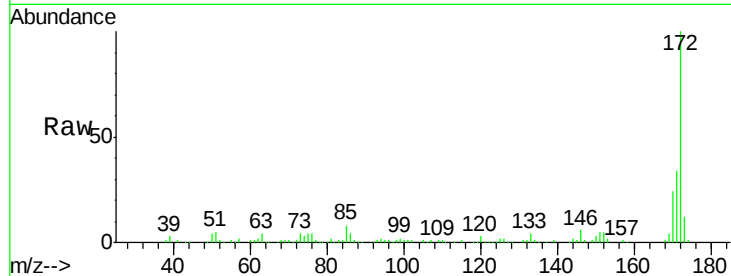




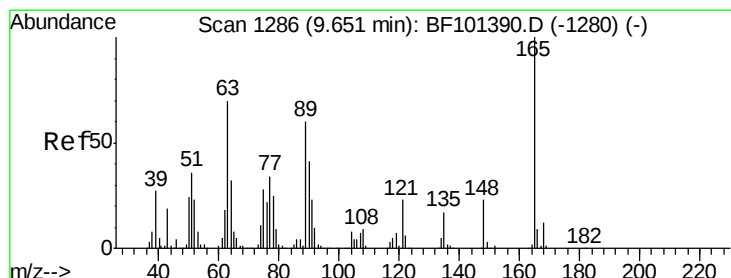
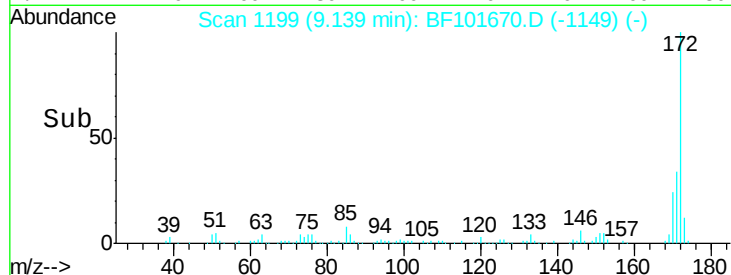
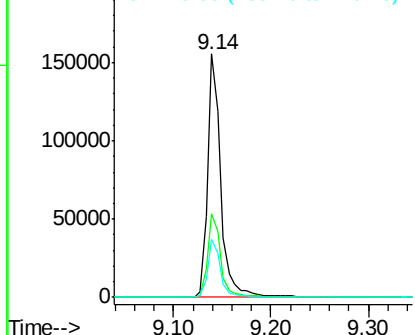
#44
 2-Fluorobiphenyl
 Concen: 9.429 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10

Tot Ion:172 Resp: 146222
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.7 44.5
 170 23.6 19.6 29.4

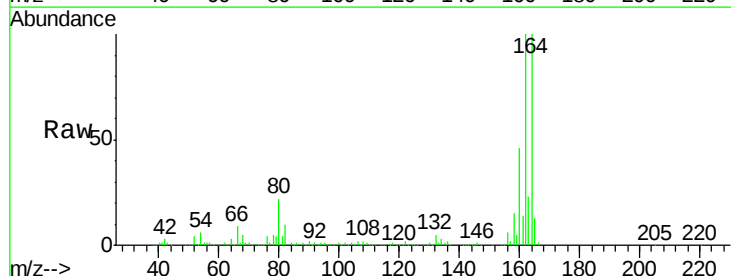


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

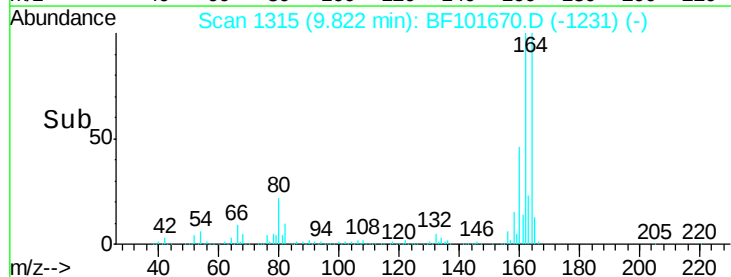
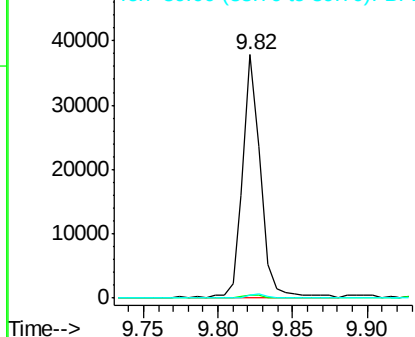


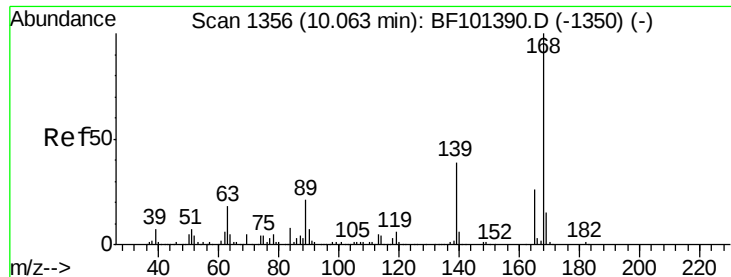
#50
 2,6-Dinitrotoluene
 Concen: 8.149 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Tgt Ion:165 Resp: 32047
 Ion Ratio Lower Upper
 165 100
 63 1.4 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

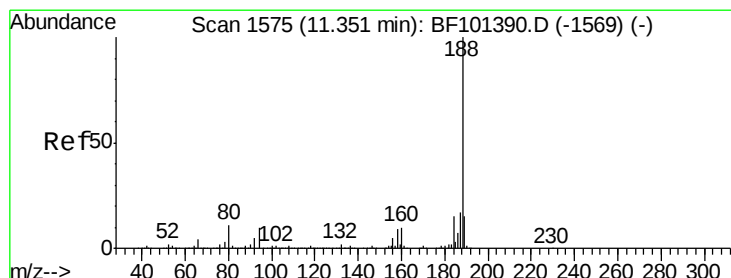
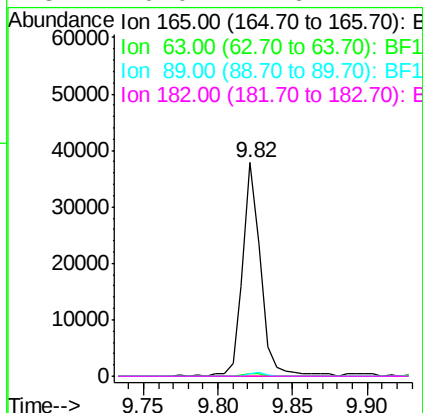
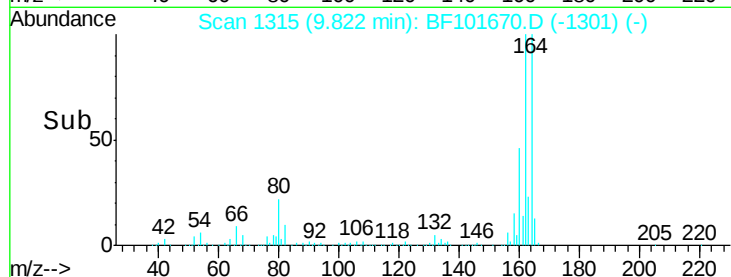
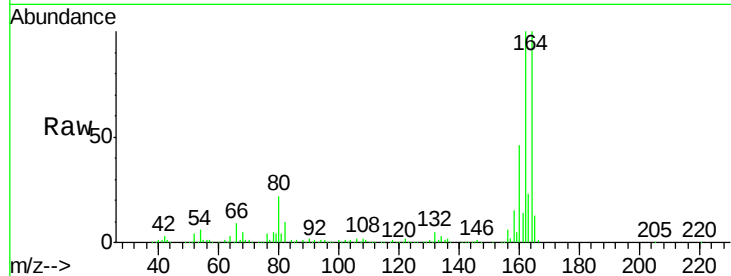




#56
 2,4-Dinitrotoluene
 Concen: 7.233 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

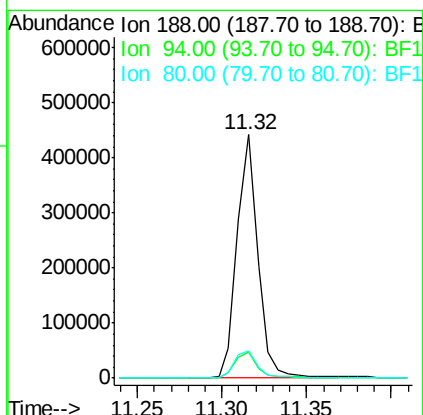
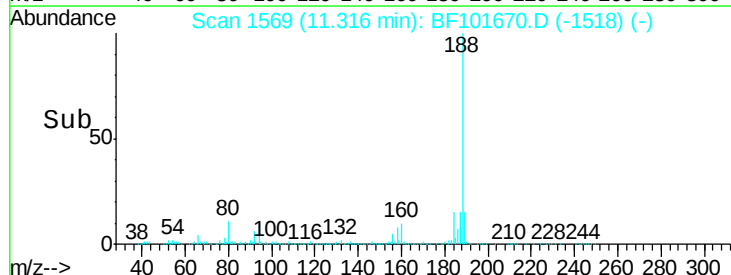
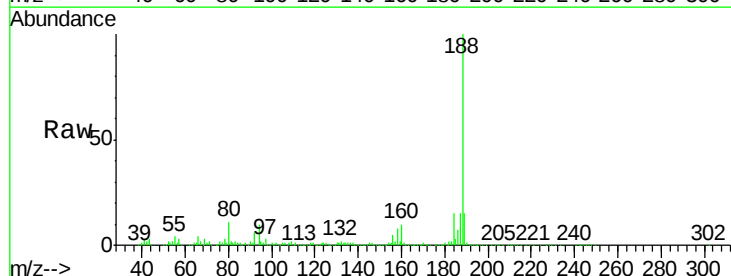
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10

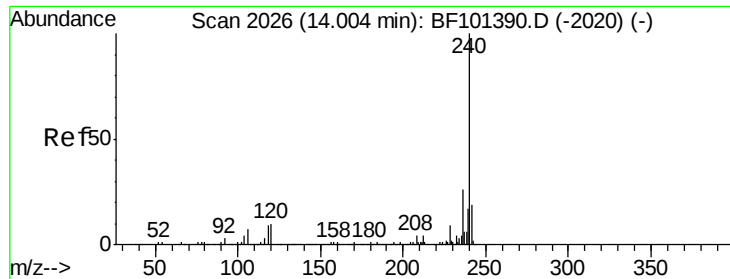
Tot Ion:165 Resp: 32047
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Tgt Ion:188 Resp: 379688
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.2 13.8





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10

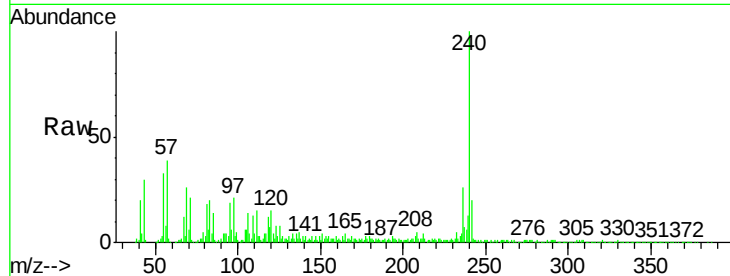
Tot Ion:240 Resp: 272963

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

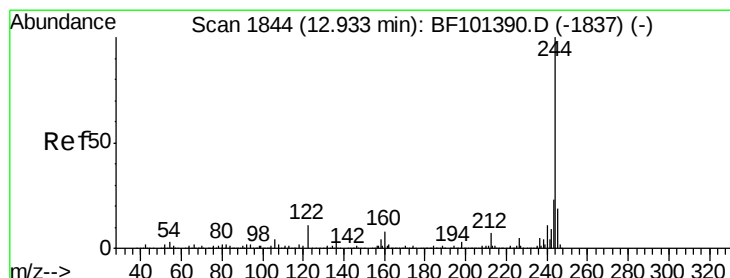
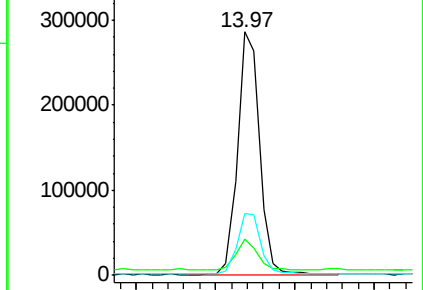
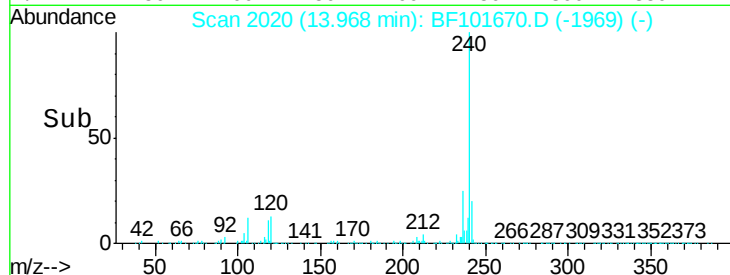
236 25.6 20.7 31.1



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: 8.810 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101670.D

Acq: 22 Dec 2017 22:50

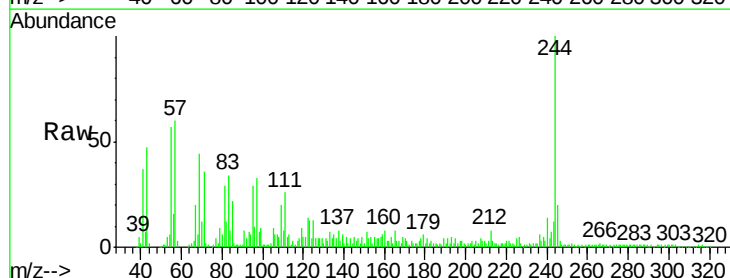
Tgt Ion:244 Resp: 99754

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

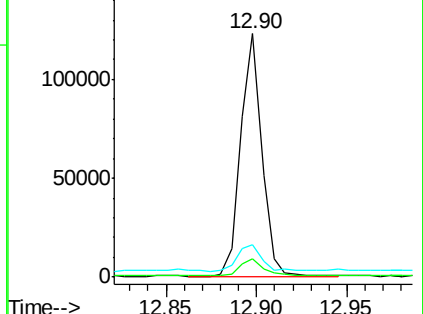
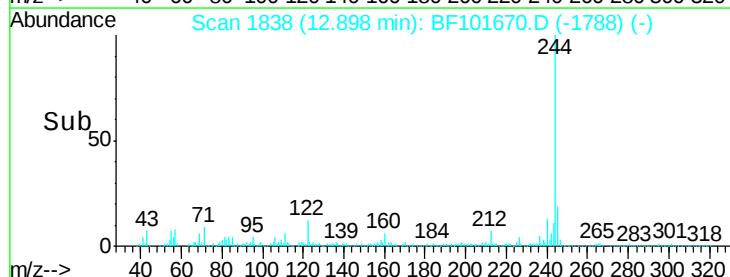
122 13.5 11.0 16.4

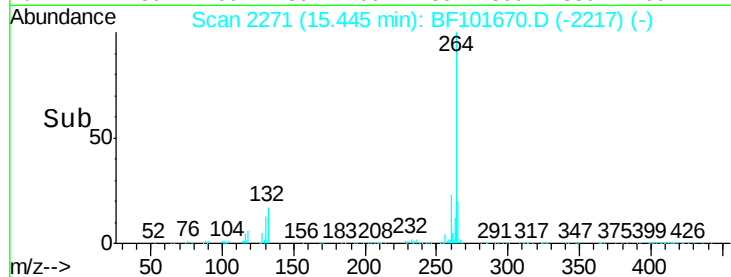
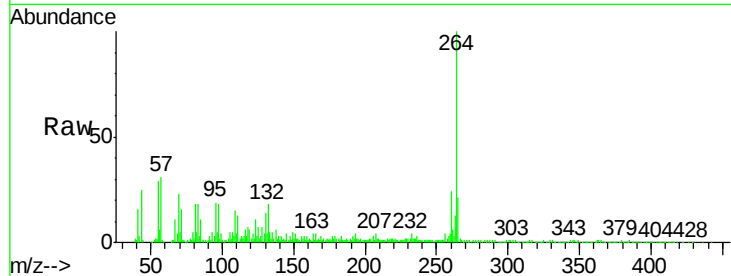
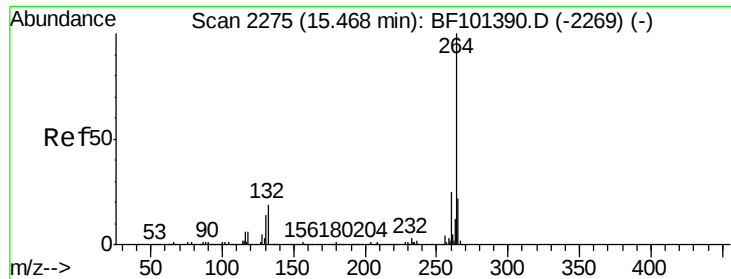


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. 0.02 min
 Lab File: BF101670.D
 Acq: 22 Dec 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10

Tot Ion:	264	Resp:	266872
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

