

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104112.D
 Acq On : 30 Mar 2018 23:59
 Operator : JU/SJ
 Sample : J174907RX 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 00:32:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

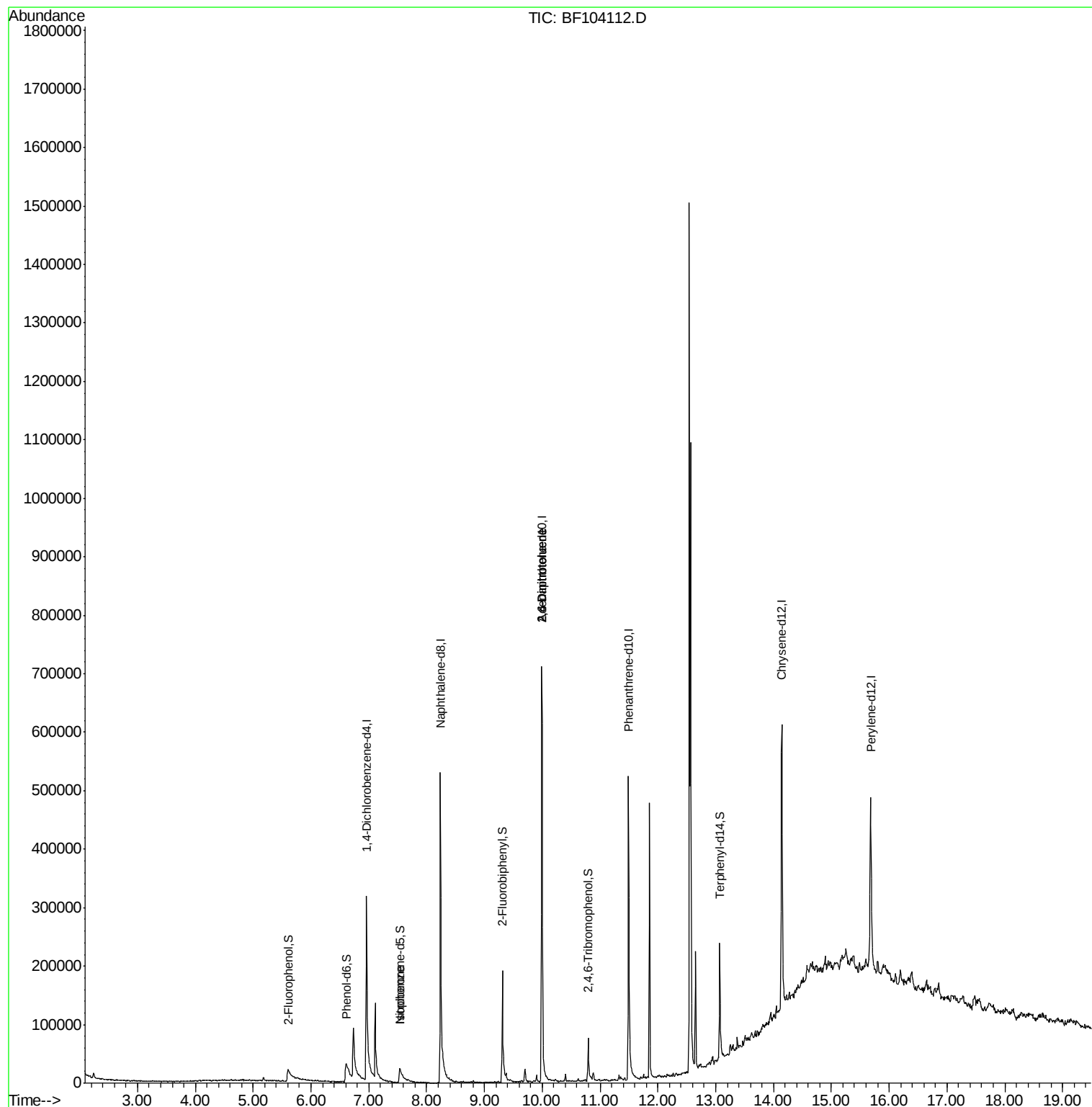
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97540	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	419274	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	180253	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	284666	20.00	ng	0.00
75) Chrysene-d12	14.14	240	228534	20.00	ng	0.00
86) Perylene-d12	15.68	264	178545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	27680	4.53	ng	0.02
7) Phenol-d6	6.60	99	69947	9.30	ng	0.01
23) Nitrobenzene-d5	7.53	82	42571	6.21	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	18532	9.23	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	111205	9.73	ng	0.00
78) Terphenyl-d14	13.07	244	87804	8.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	858	Below Cal	Qvalue #	54
25) Isophorone	7.53	82	42571	3.369 ng	#	64
50) 2,6-Dinitrotoluene	9.99	165	22230	7.260 ng	#	24
56) 2,4-Dinitrotoluene	9.99	165	22604	5.786 ng	#	21

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

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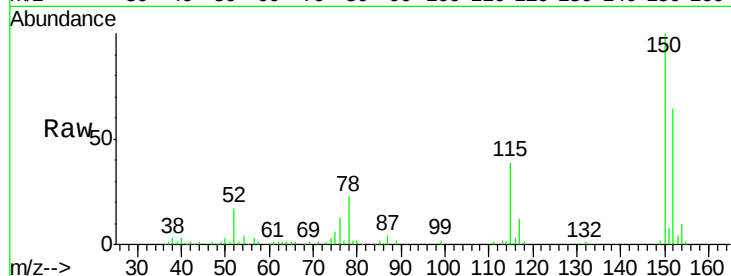


#1

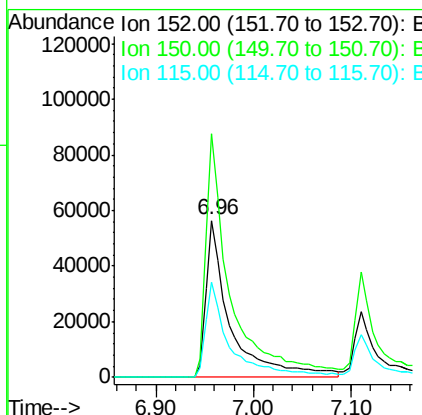
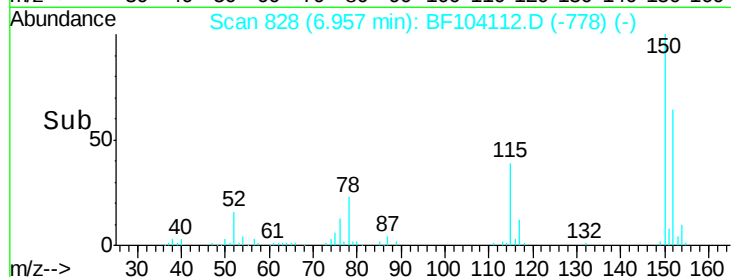
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97540
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.6 50.1 75.1



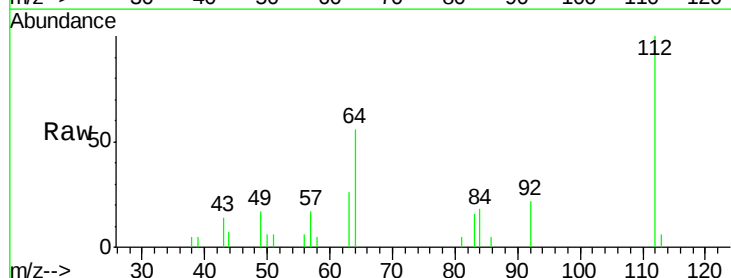
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



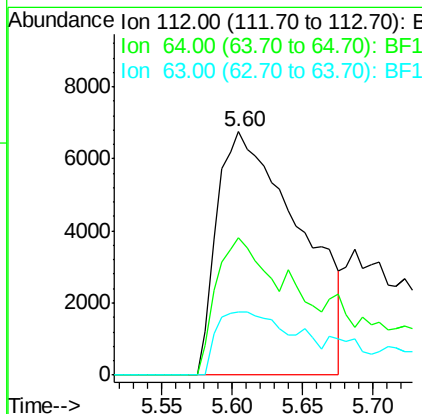
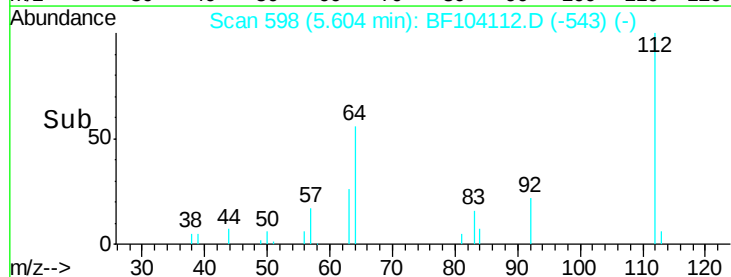
#5

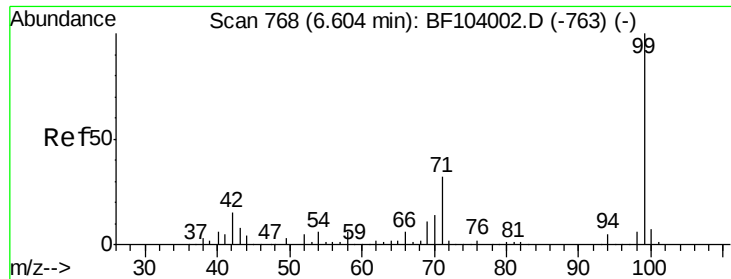
2-Fluorophenol
Concen: 4.526 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:112 Resp: 27680
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 26.0 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: 9.295 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104112.D

Acq: 30 Mar 2018 23:59

Instrument :

BNA_F

ClientSampleId :

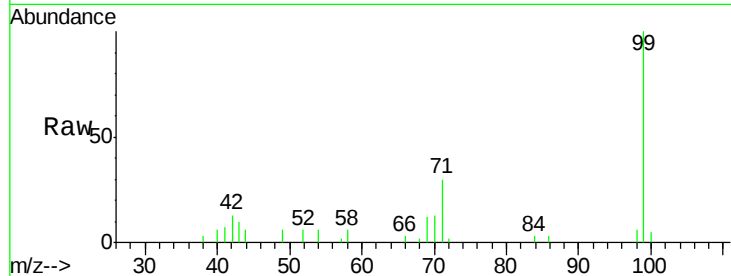
Tot Ion: 99 Resp: 69947

Ion Ratio Lower Upper

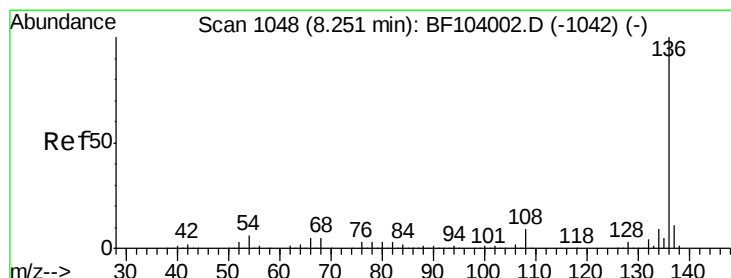
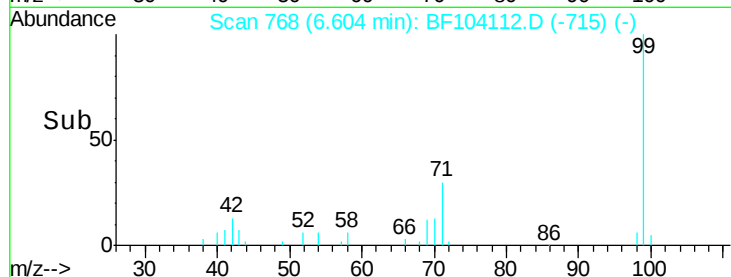
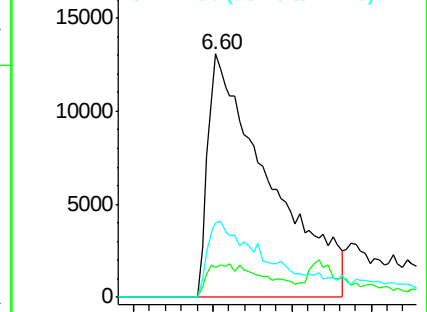
99 100

42 12.5 14.5 21.7#

71 30.5 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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104112.D

Acq: 30 Mar 2018 23:59

Tgt Ion: 136 Resp: 419274

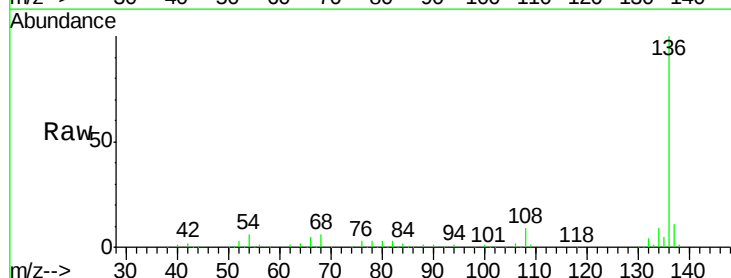
Ion Ratio Lower Upper

136 100

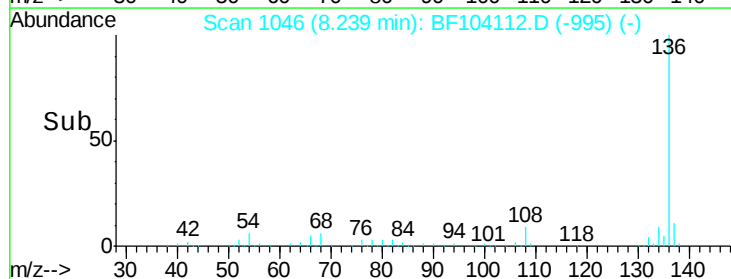
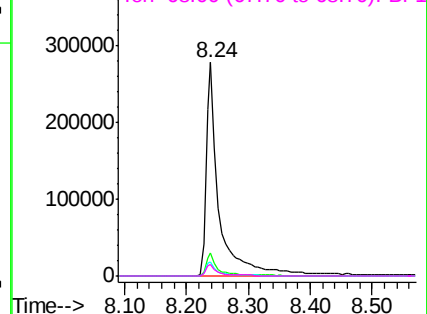
137 10.9 8.9 13.3

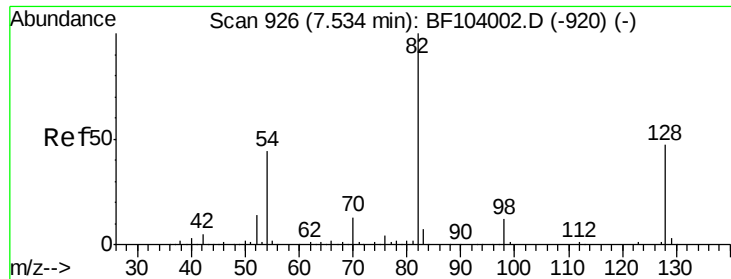
54 6.4 6.6 9.8#

68 5.5 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

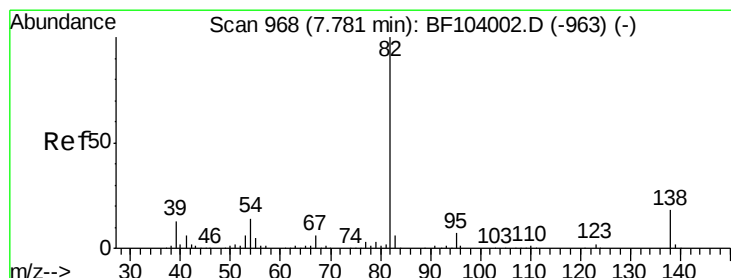
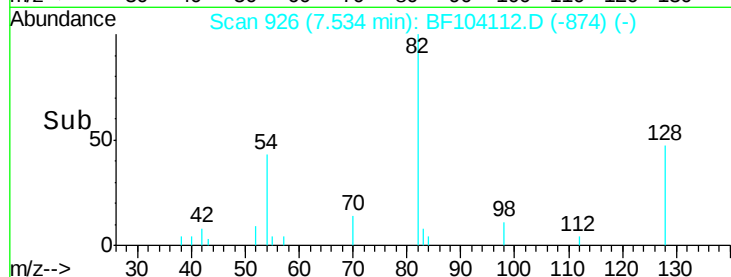
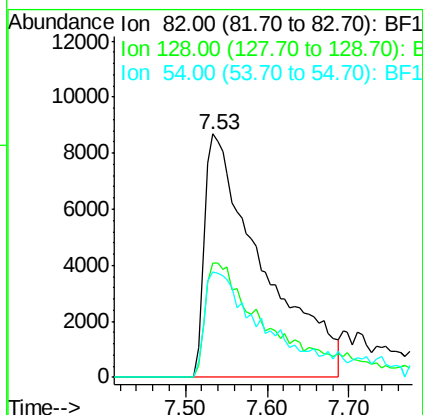
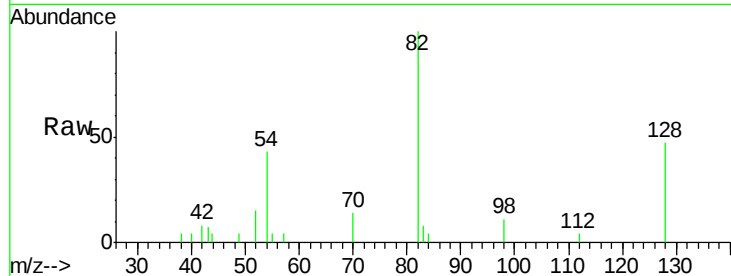




#23
Nitrobenzene-d5
Concen: 6.209 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

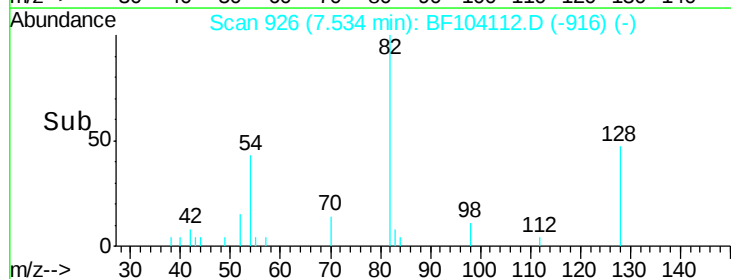
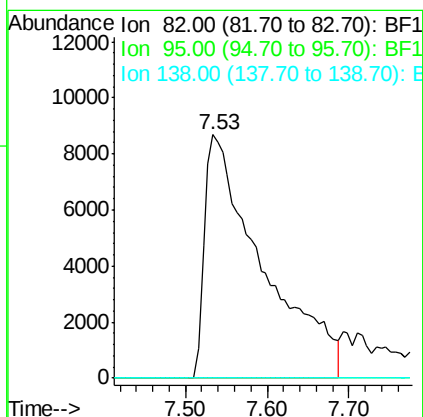
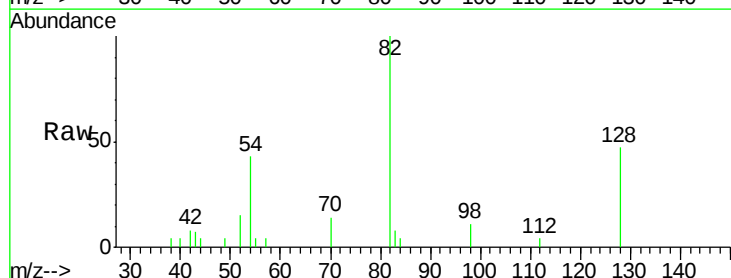
Instrument :
BNA_F
ClientSampleId :

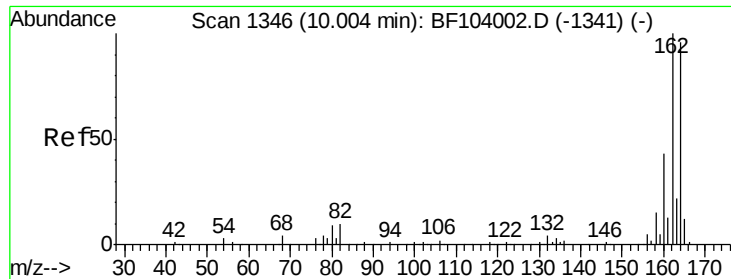
Tot Ion: 82 Resp: 42571
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 43.5 41.4 62.2



#25
Isophorone
Concen: 3.369 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.24 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion: 82 Resp: 42571
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

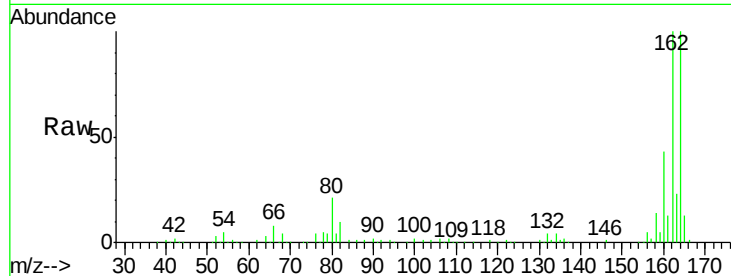




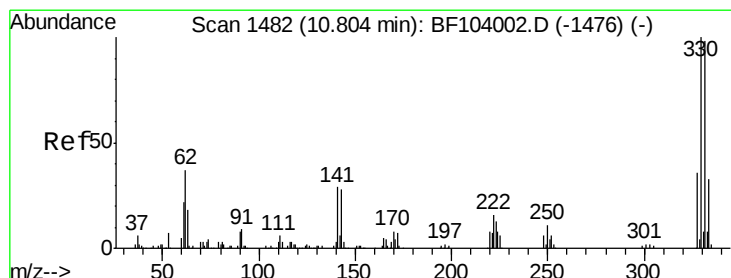
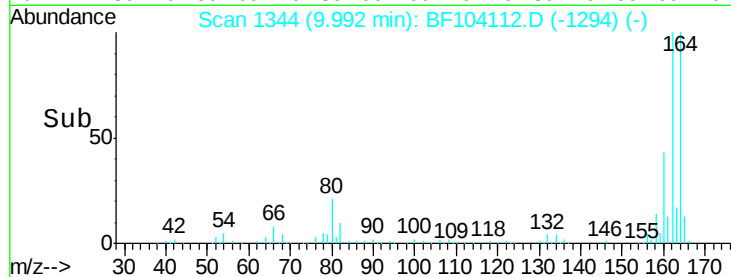
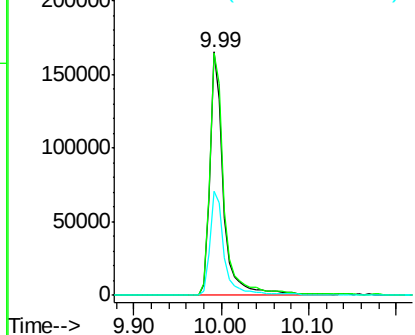
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 180253
Ion Ratio Lower Upper
164 100
162 99.7 86.1 129.1
160 42.8 38.3 57.5

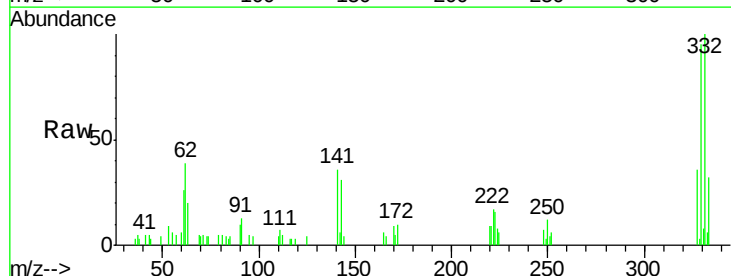


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

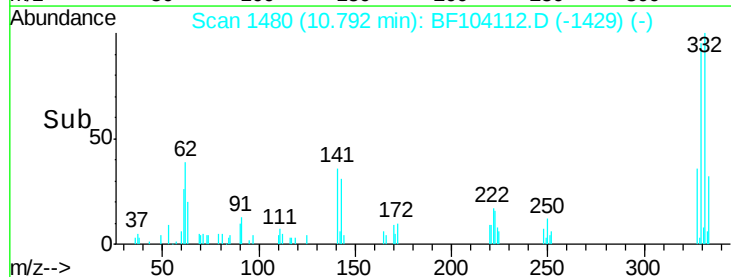
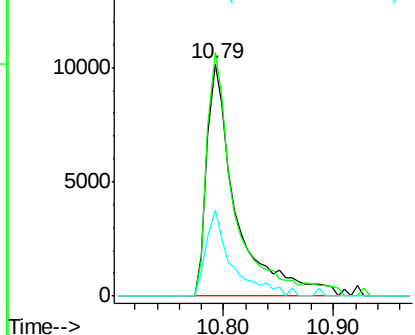


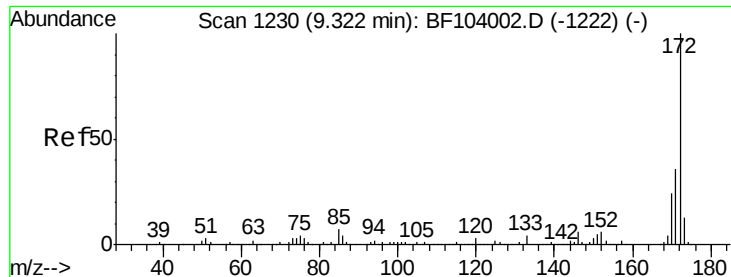
#41
2,4,6-Tribromophenol
Concen: 9.233 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:330 Resp: 18532
Ion Ratio Lower Upper
330 100
332 100.1 77.0 115.6
141 32.5 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

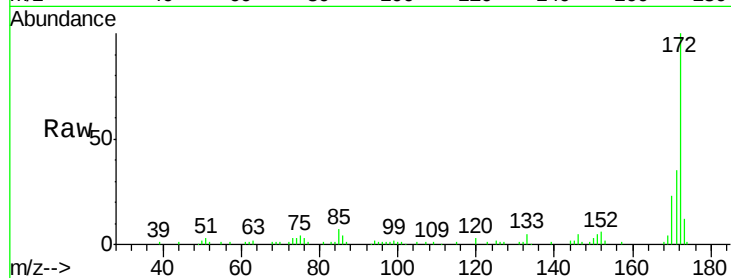




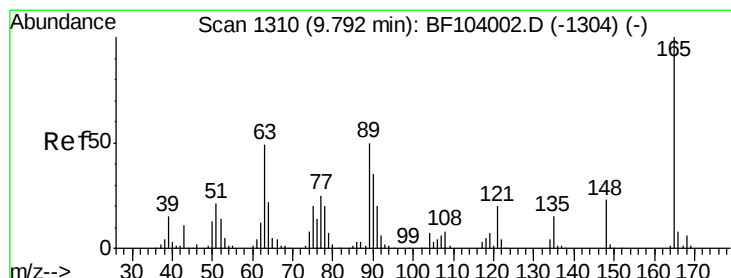
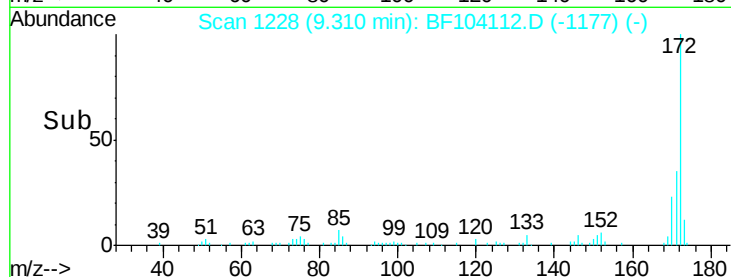
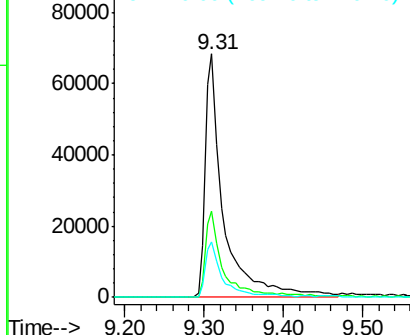
#44
 2-Fluorobiphenyl
 Concen: 9.729 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104112.D
 Acq: 30 Mar 2018 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 111205
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.7 19.6 29.4

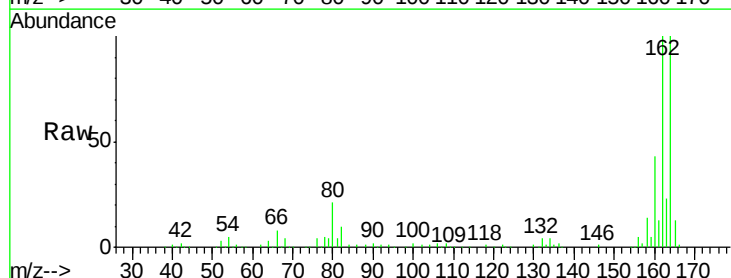


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

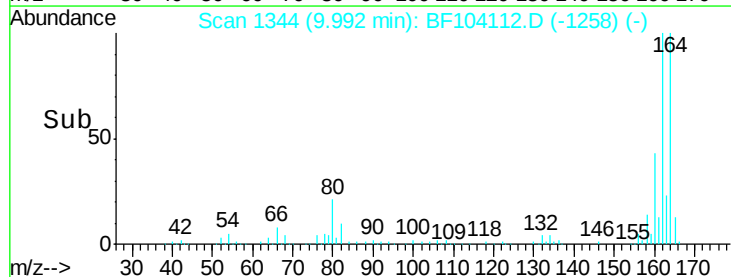
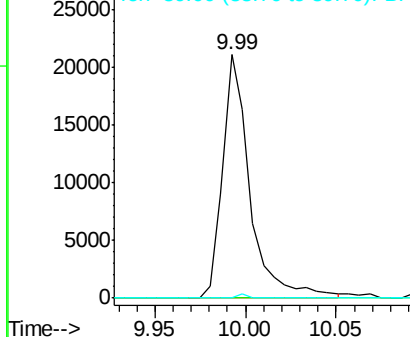


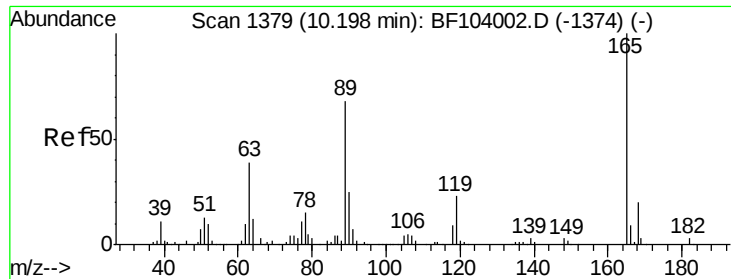
#50
 2,6-Dinitrotoluene
 Concen: 7.260 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104112.D
 Acq: 30 Mar 2018 23:59

Tgt Ion:165 Resp: 22230
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

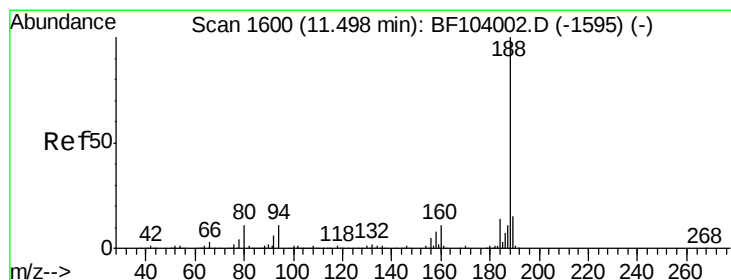
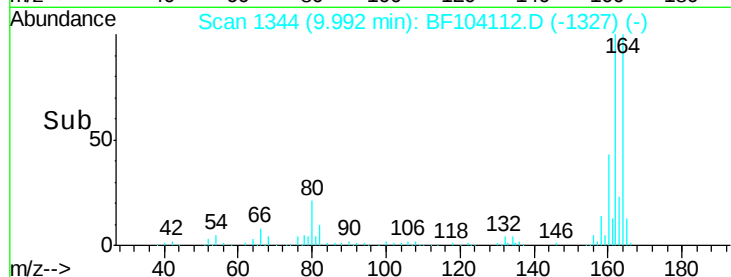
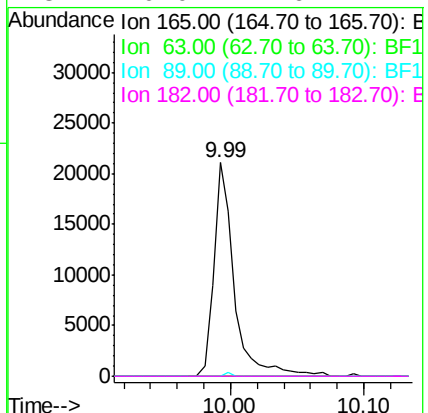
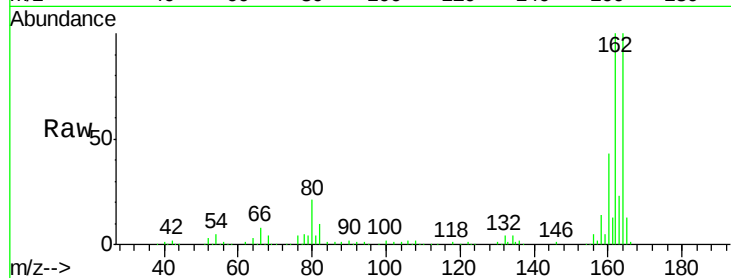




#56
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

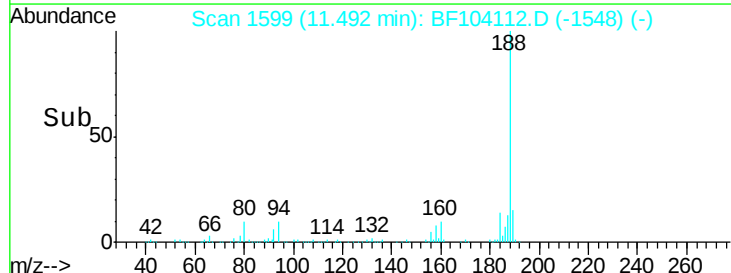
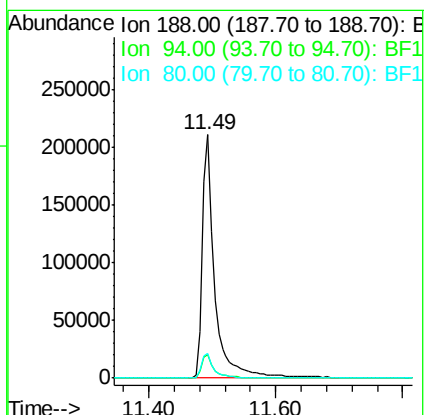
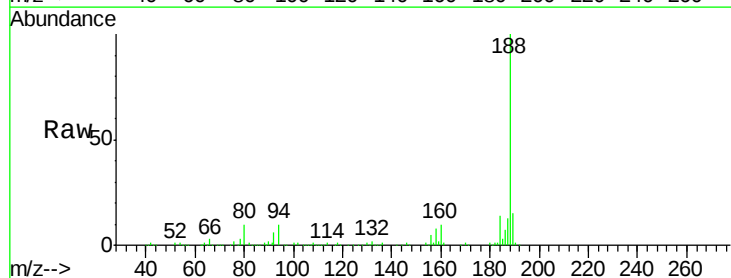
Instrument :
BNA_F
ClientSampleId :

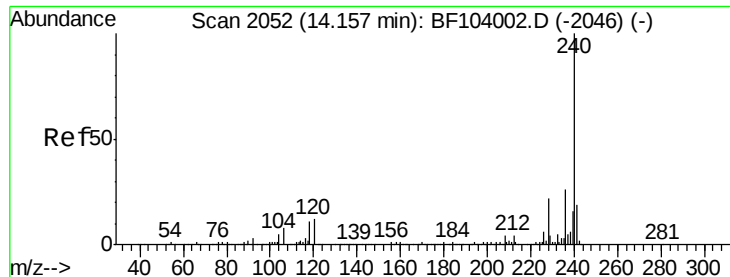
Tot Ion:165 Resp: 22604
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Tgt Ion:188 Resp: 284666
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104112.D

Acq: 30 Mar 2018 23:59

Instrument :

BNA_F

ClientSampled :

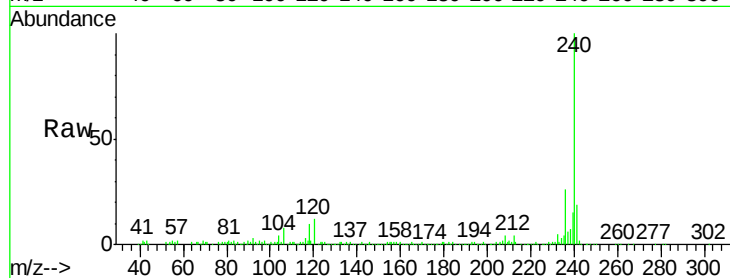
Tot Ion:240 Resp: 228534

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

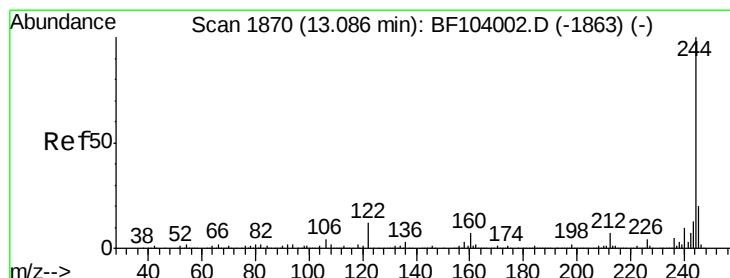
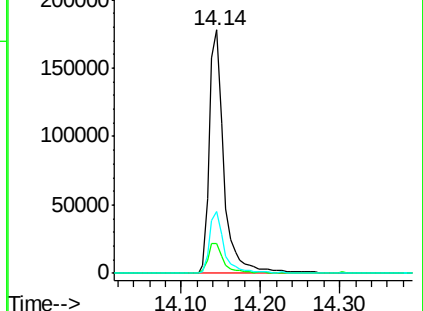
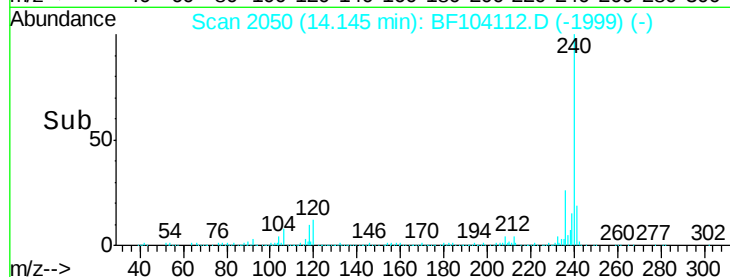
236 25.5 20.7 31.1



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: 8.871 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF104112.D

Acq: 30 Mar 2018 23:59

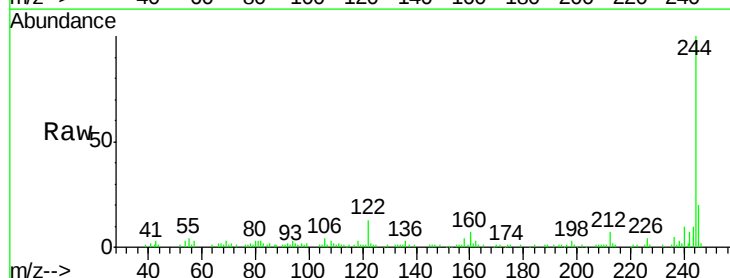
Tgt Ion:244 Resp: 87804

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

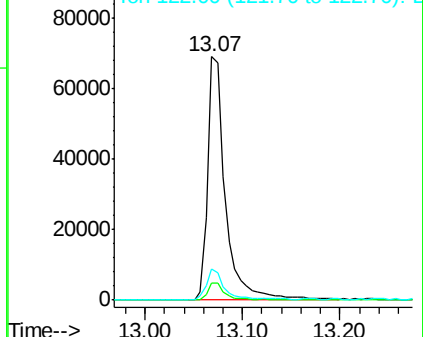
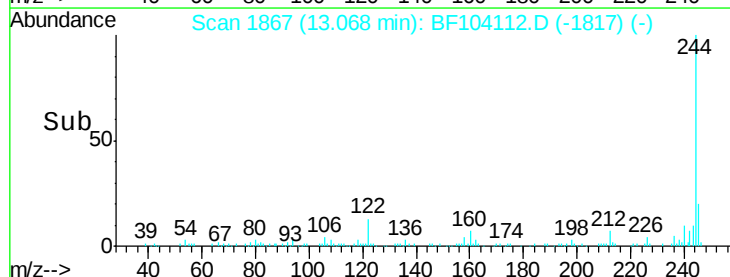
122 12.9 11.0 16.4

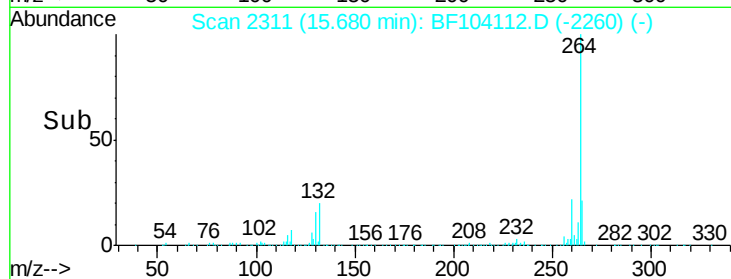
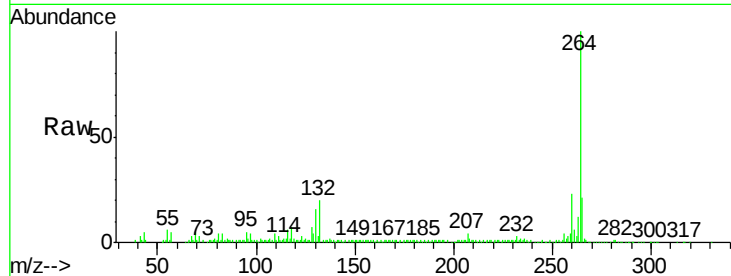
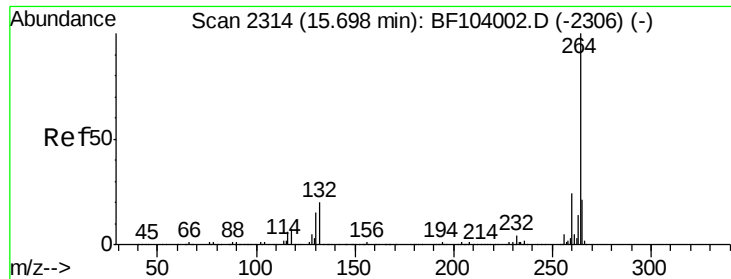


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2311
Delta R.T. 0.00 min
Lab File: BF104112.D
Acq: 30 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3

