

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108766.D
 Acq On : 5 Sep 2018 5:07
 Operator : JU/SJ
 Sample : J4741-03 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 08:03:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

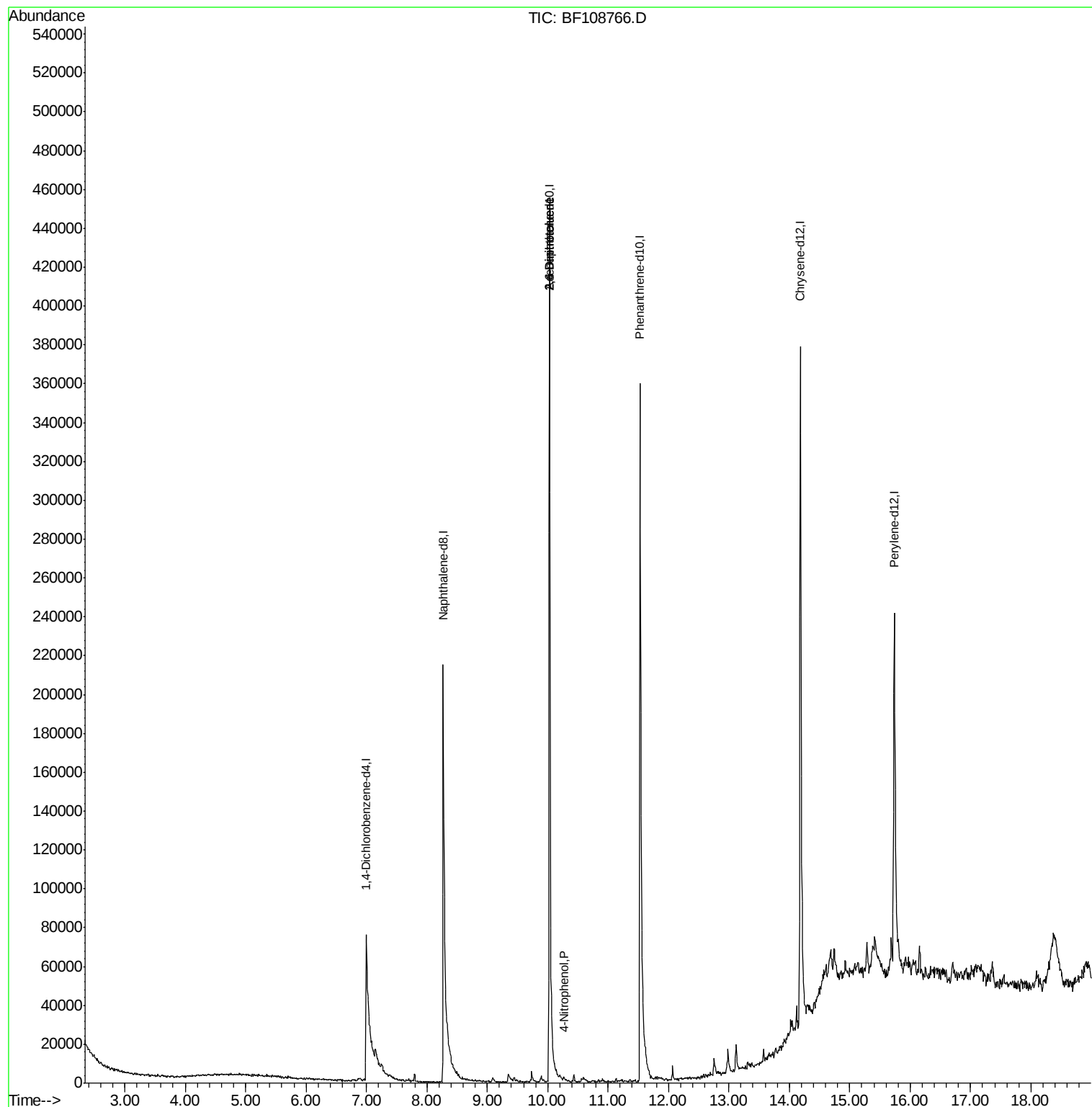
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	40292	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	246809	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	124201	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	278866	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	195191	20.00	ng	-0.02
86) Perylene-d12	15.74	264	143364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.77	99	220	0.07	ng	0.12
23) Nitrobenzene-d5	7.67	82	868	0.18	ng	0.09
41) 2,4,6-Tribromophenol	10.84	330	156	0.10	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	6452	0.70	ng	0.00
78) Terphenyl-d14	13.12	244	13382	1.33	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	10.03	165	15352	7.121	ng	# 24
55) 4-Nitrophenol	10.27	139	113	4.831	ng	# 9
56) 2,4-Dinitrotoluene	10.03	165	15624	5.474	ng	# 21

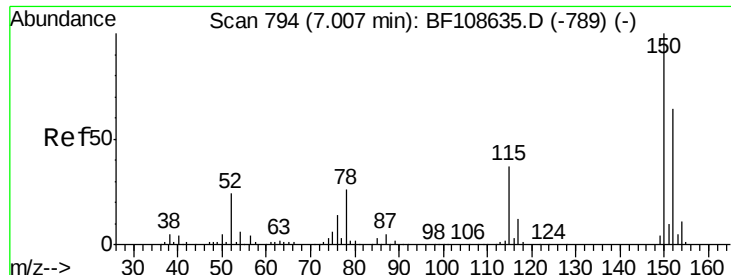
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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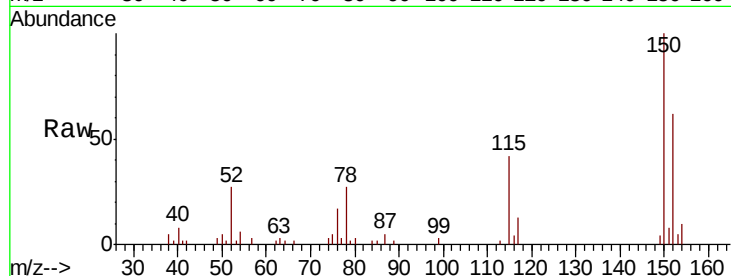




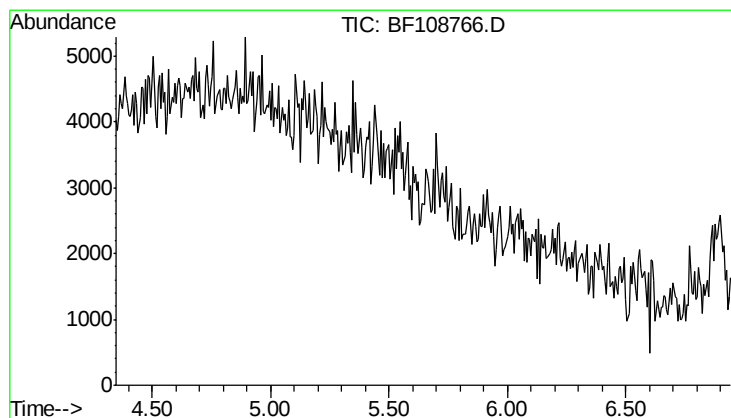
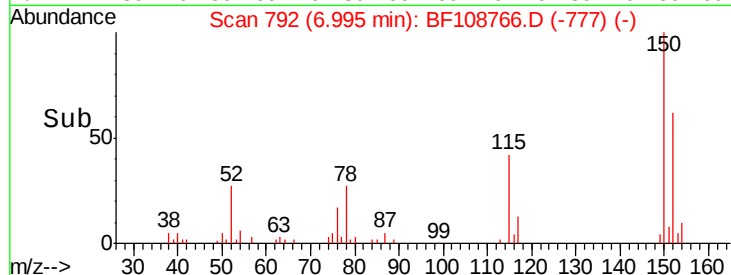
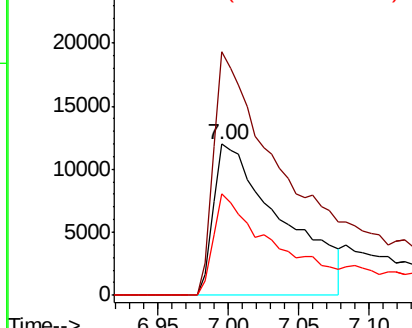
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 40292
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 67.1 50.1 75.1



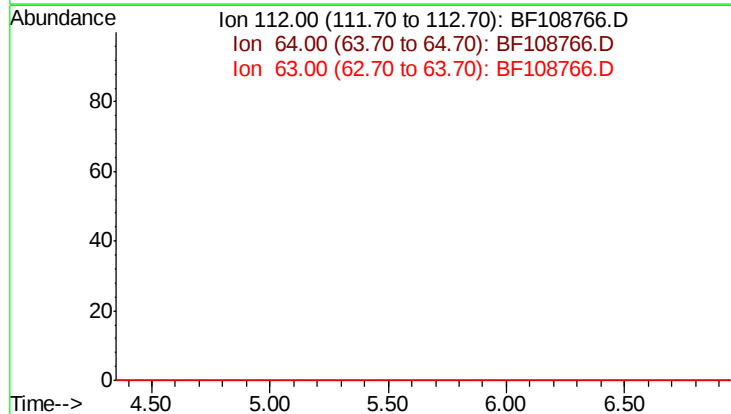
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

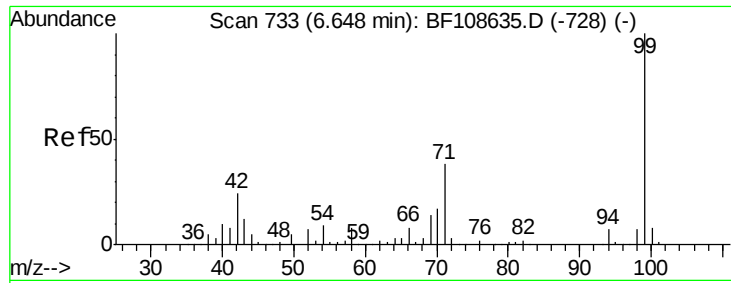


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.65 min

Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.066 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.12 min

Lab File: BF108766.D

Acq: 5 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

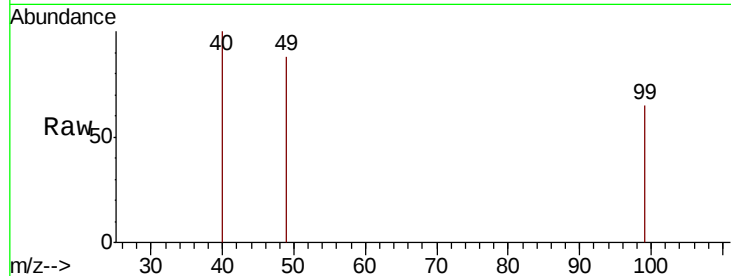
Tot Ion: 99 Resp: 220

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

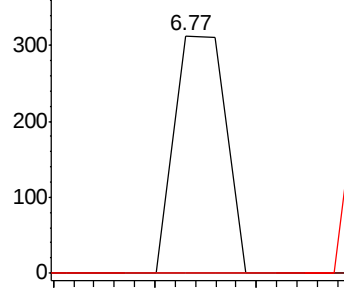
71 0.0 25.4 38.0#



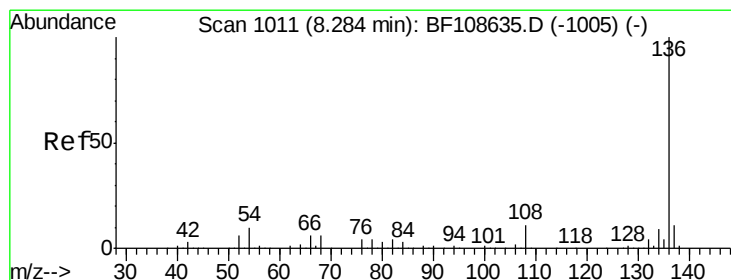
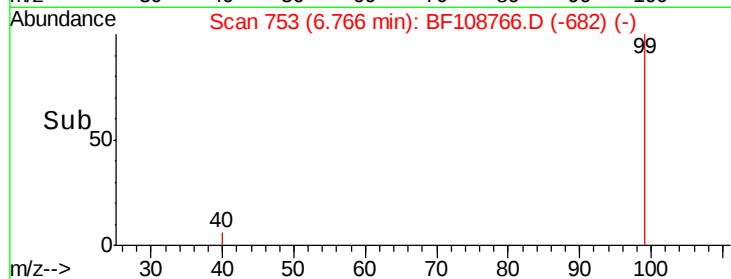
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.74 6.76 6.78



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108766.D

Acq: 5 Sep 2018 5:07

Tgt Ion: 136 Resp: 246809

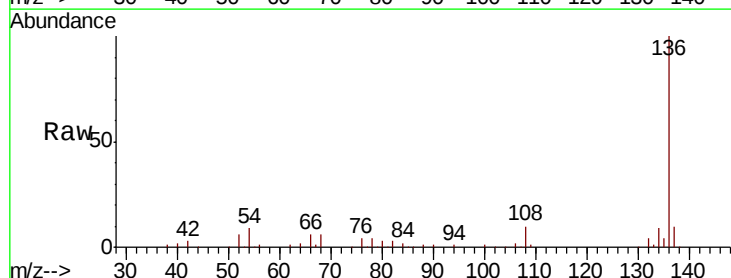
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.4 6.6 9.8

68 5.7 5.0 7.4

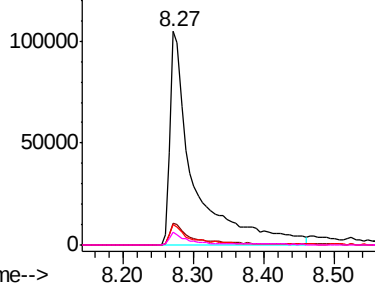


Abundance Ion 136.00 (135.70 to 136.70): E

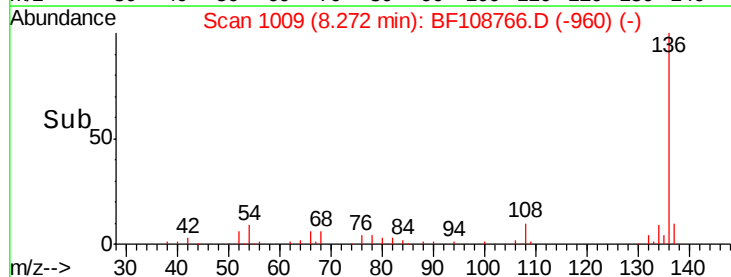
Ion 137.00 (136.70 to 137.70): E

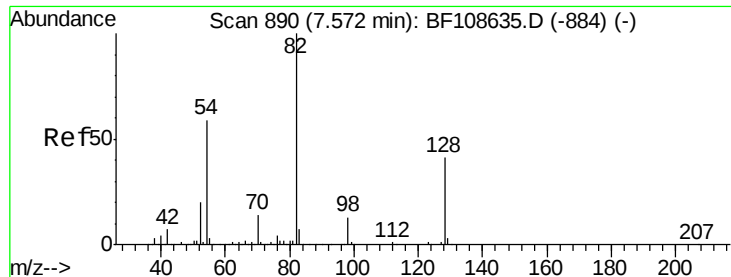
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.20 8.30 8.40 8.50

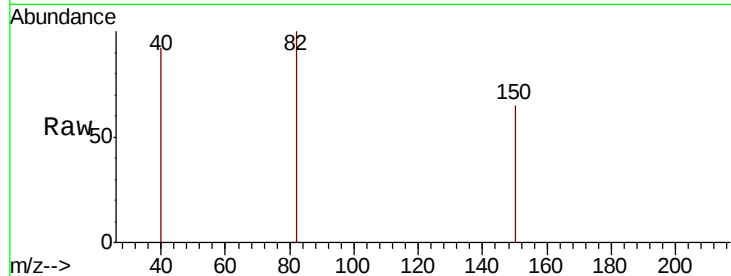




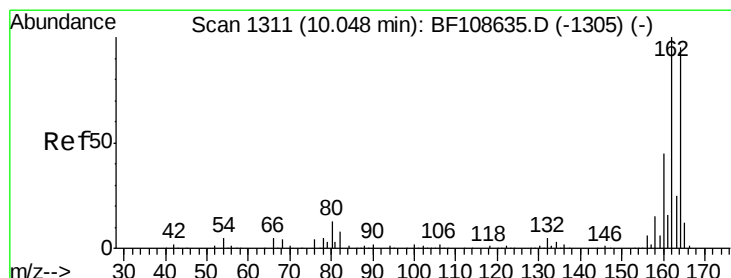
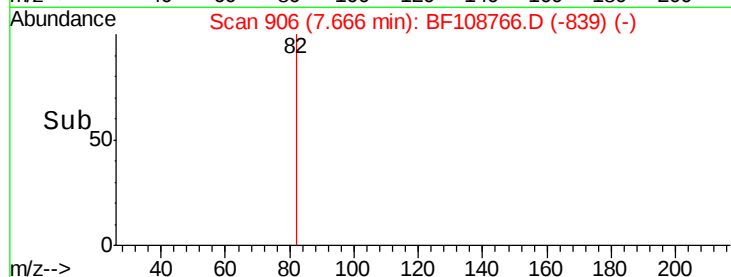
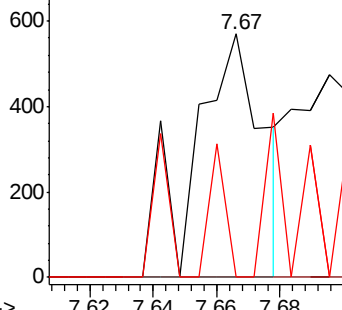
#23
 Nitrobenzene-d5
 Concen: 0.179 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.09 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 868
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 0.0 41.4 62.2#

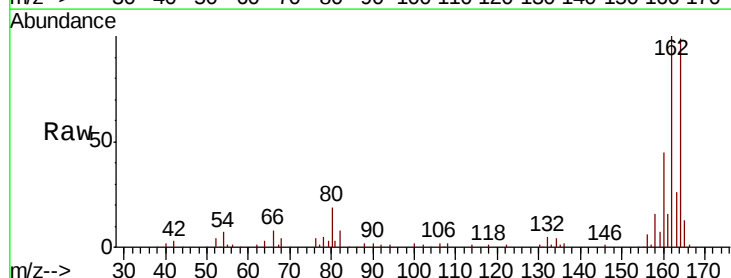


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

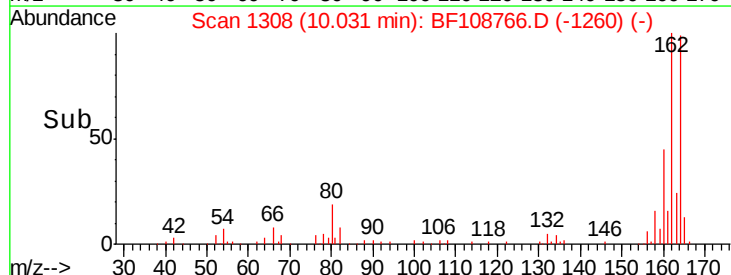
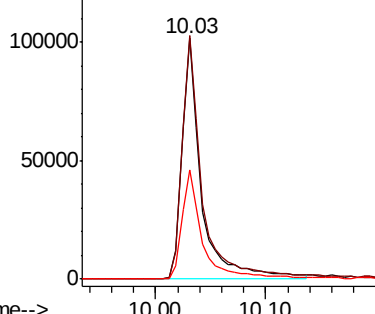


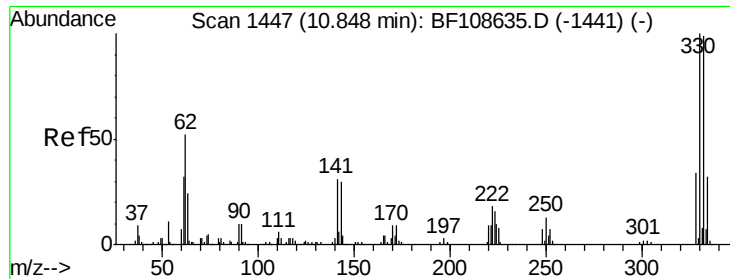
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Tgt Ion: 164 Resp: 124201
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

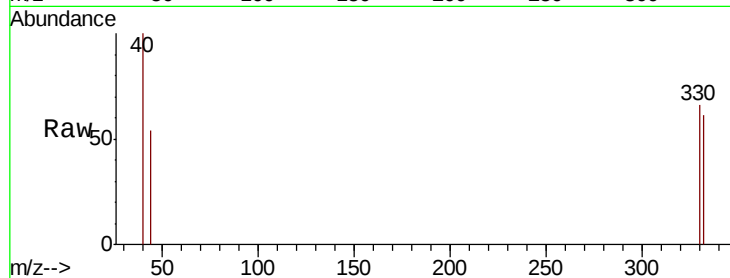




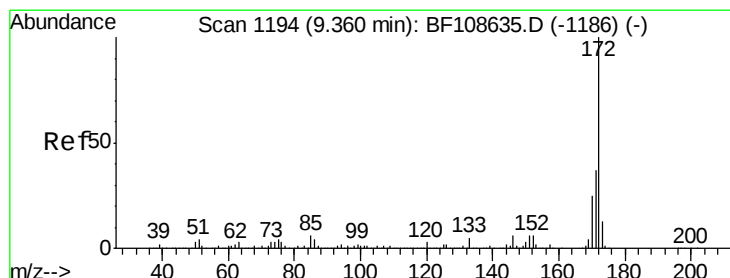
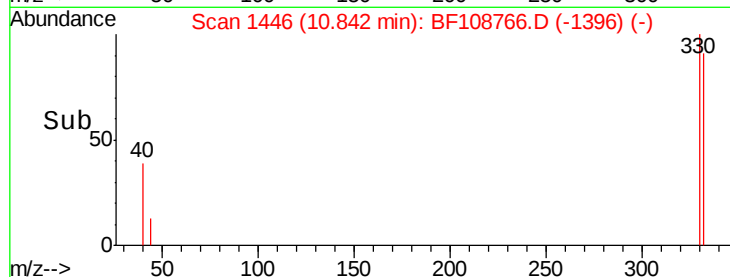
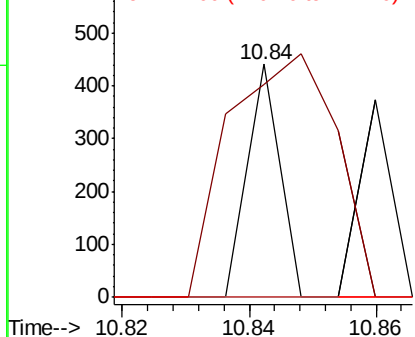
#41
 2,4,6-Tribromophenol
 Concen: 0.095 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 156
 Ion Ratio Lower Upper
 330 100
 332 344.9 77.0 115.6#
 141 0.0 29.9 44.9#

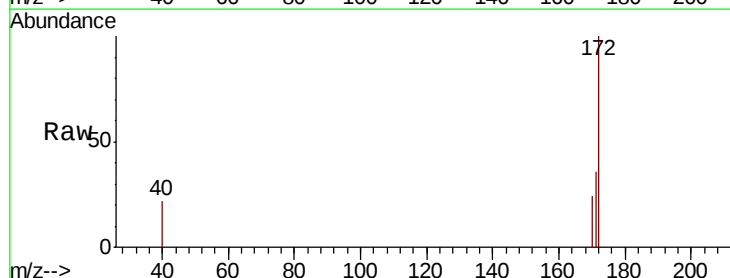


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

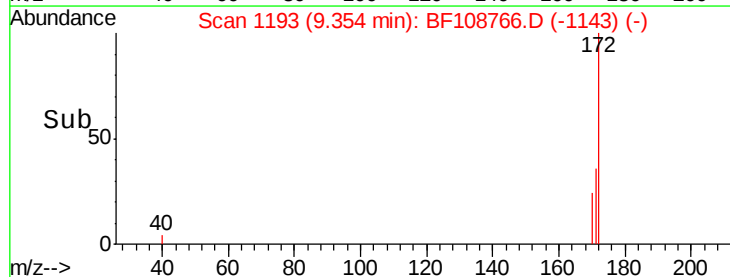
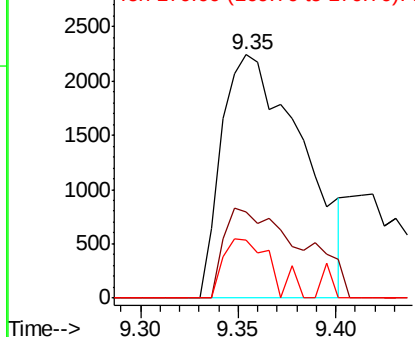


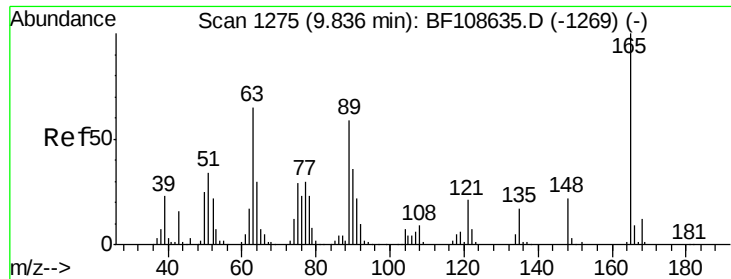
#44
 2-Fluorobiphenyl
 Concen: 0.698 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Tgt Ion:172 Resp: 6452
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.8 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

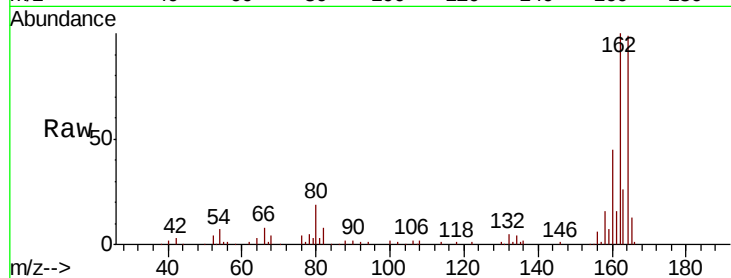




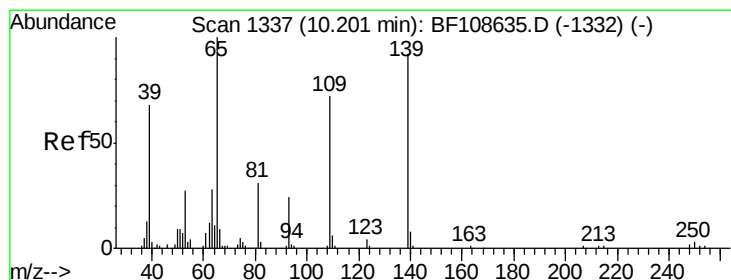
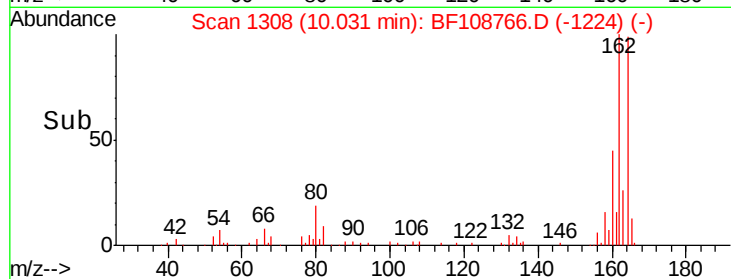
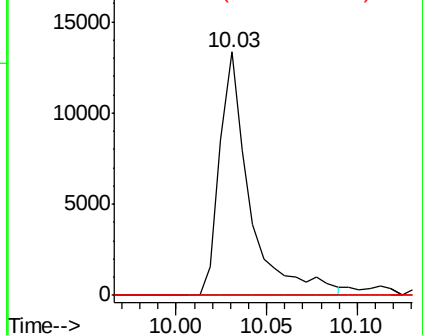
#50
 2,6-Dinitrotoluene
 Concen: 7.121 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.19 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

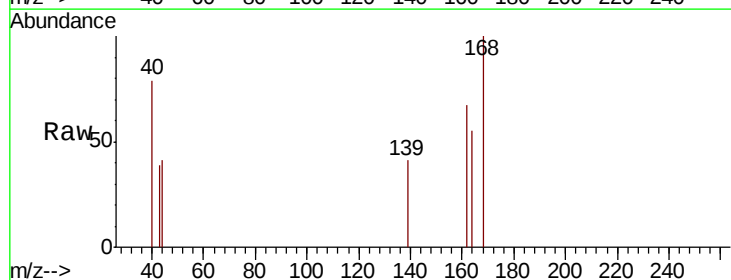


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

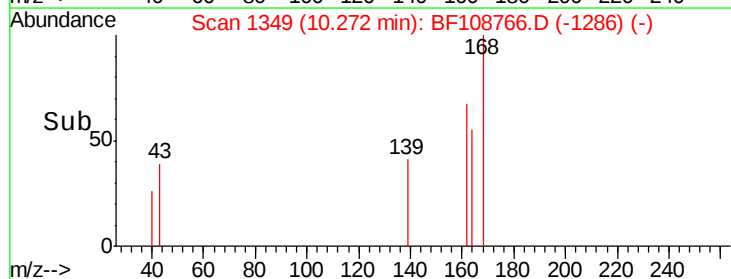
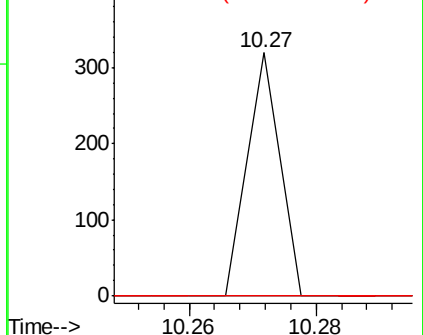


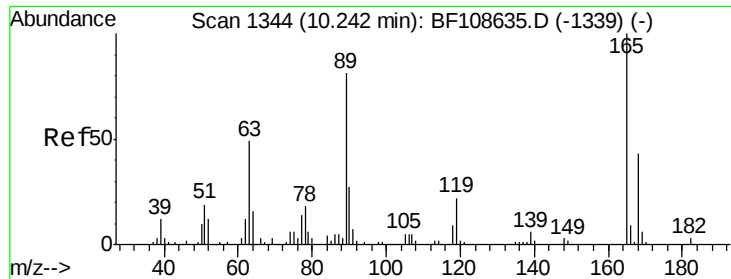
#55
 4-Nitrophenol
 Concen: 4.831 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.07 min
 Lab File: BF108766.D
 Acq: 5 Sep 2018 5:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

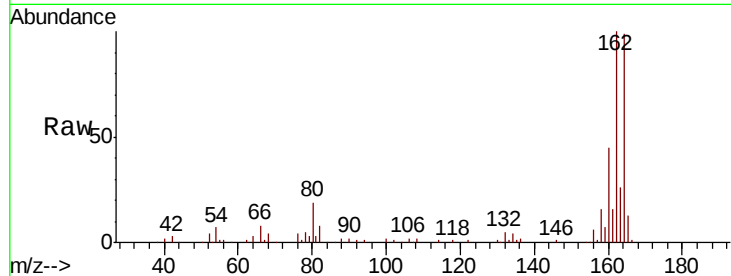




#56
2,4-Dinitrotoluene
Concen: 5.474 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108766.D
Acq: 5 Sep 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tot 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#



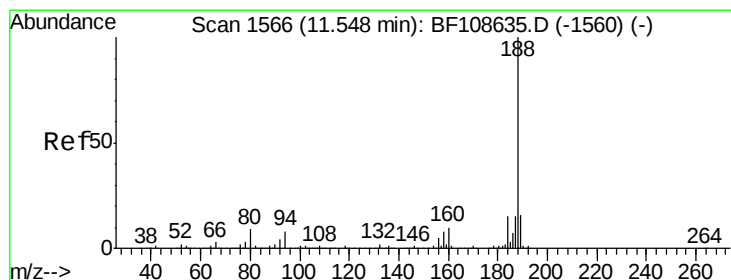
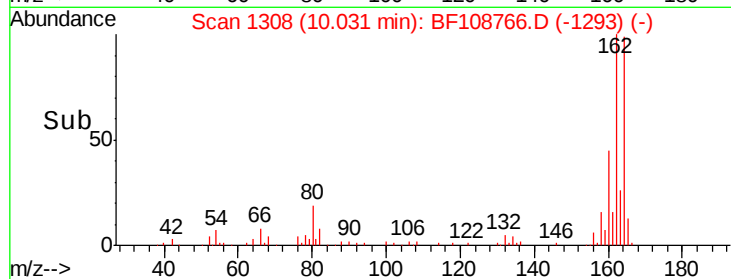
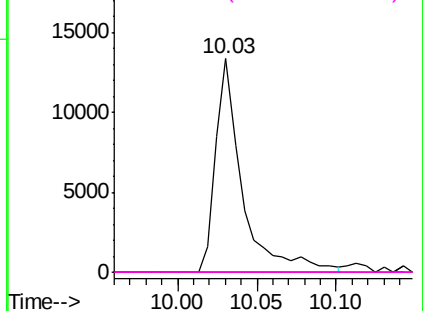
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

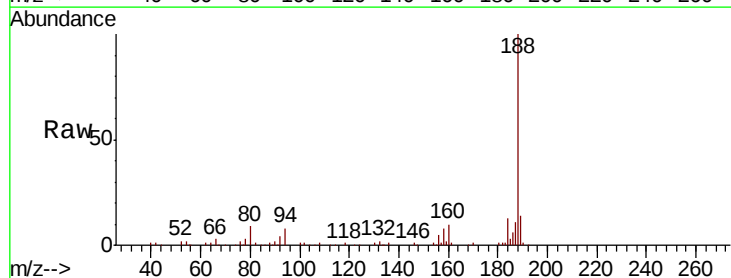
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108766.D
Acq: 5 Sep 2018 5:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#

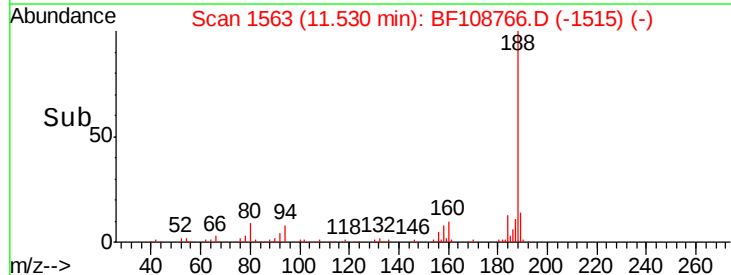
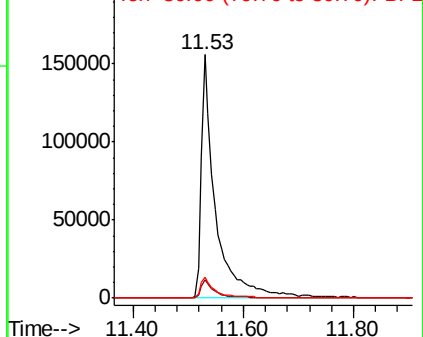


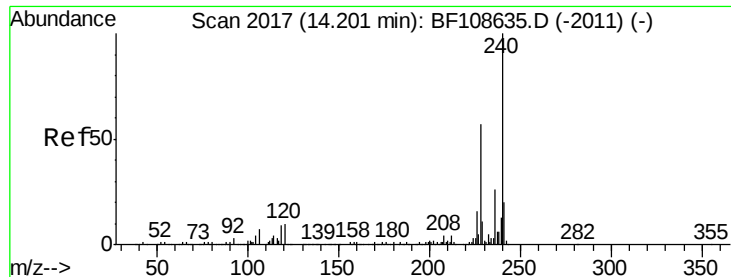
Abundance

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: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108766.D

Acq: 5 Sep 2018 5:07

Instrument :

BNA_F

ClientSampleId :

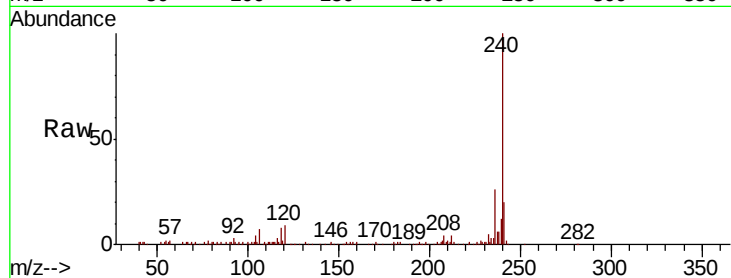
Tot Ion:240 Resp: 195191

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

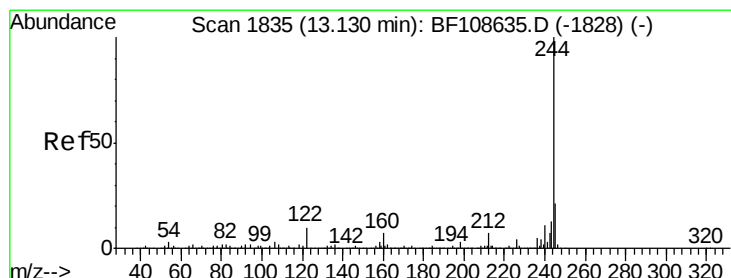
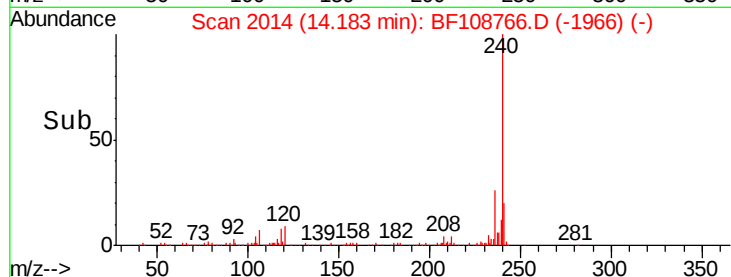
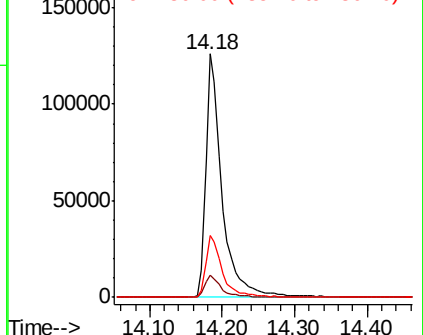
236 25.6 20.7 31.1



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: 1.332 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108766.D

Acq: 5 Sep 2018 5:07

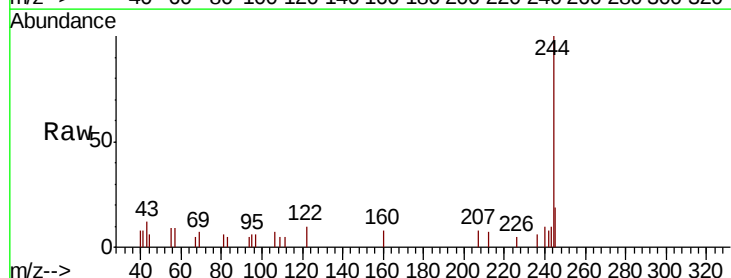
Tgt Ion:244 Resp: 13382

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

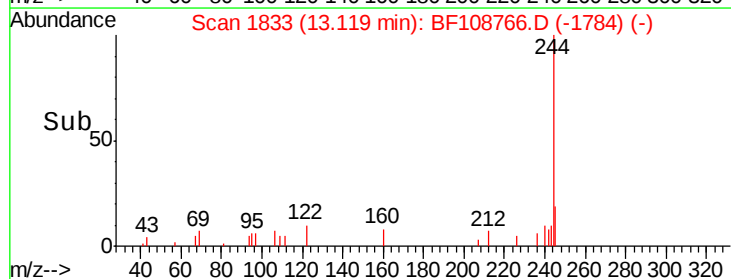
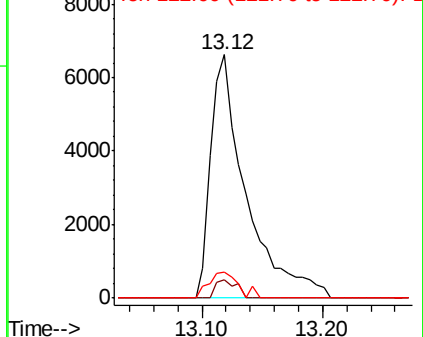
122 10.4 11.0 16.4#

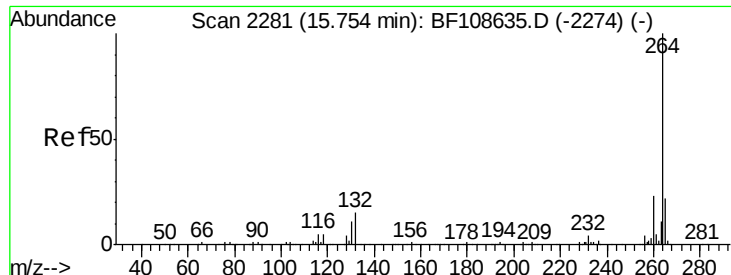


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

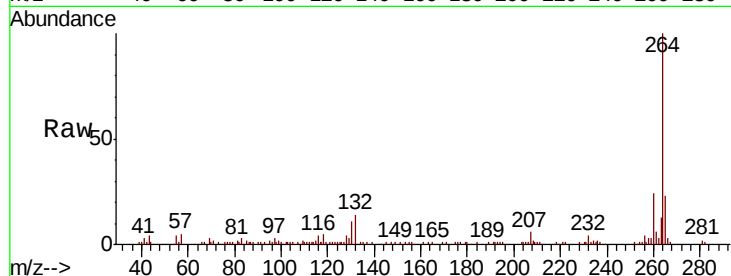




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF108766.D
Acq: 5 Sep 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

