

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104063.D
 Acq On : 29 Mar 2018 20:40
 Operator : JU/SJ
 Sample : J2072-05 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:53:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

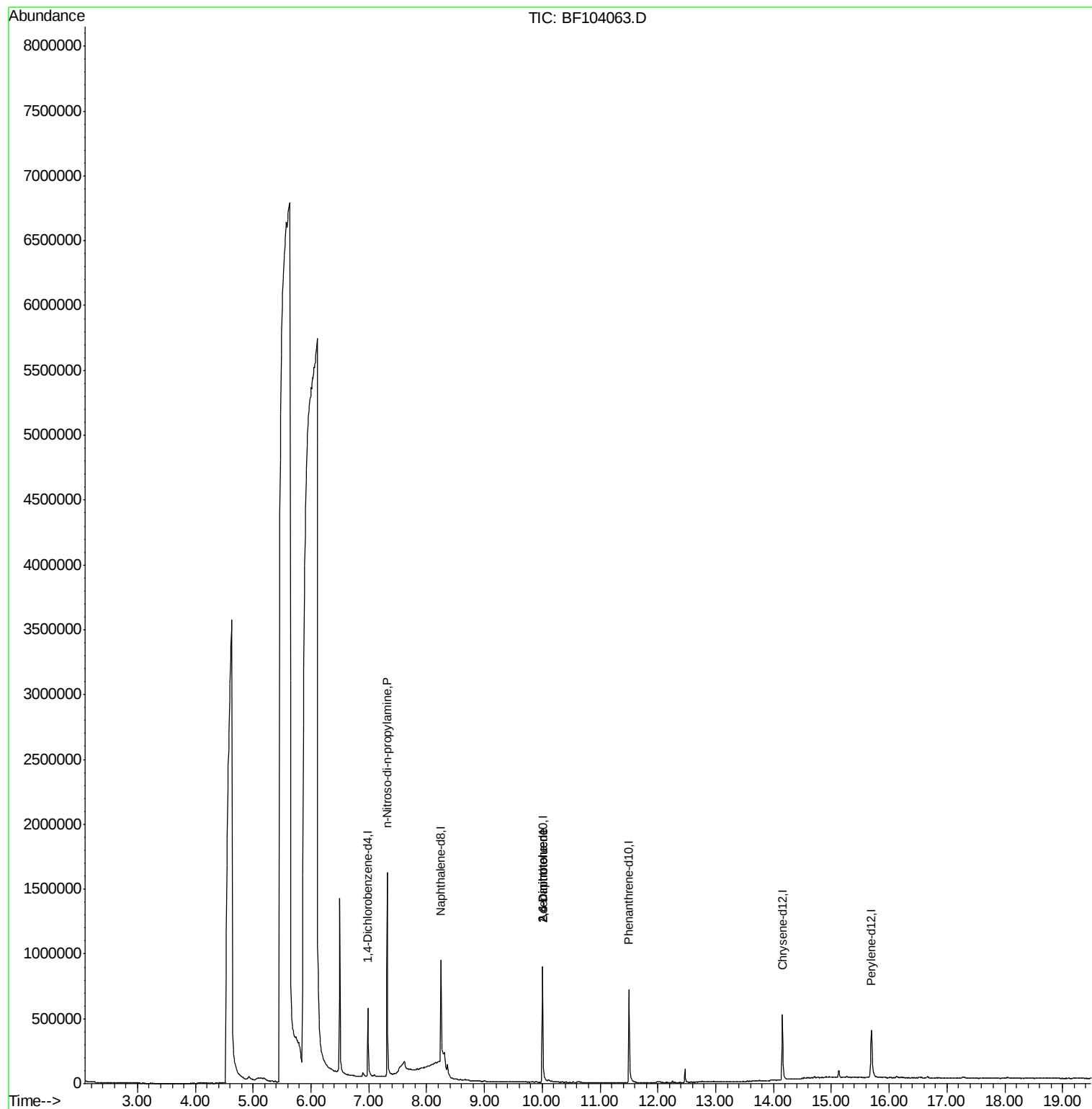
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	117400	20.00	ng	0.02
21) Naphthalene-d8	8.25	136	466734	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	230032	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	375881	20.00	ng	0.00
75) Chrysene-d12	14.15	240	246166	20.00	ng	0.00
86) Perylene-d12	15.69	264	241926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	290	0.03	ng	0.02
23) Nitrobenzene-d5	7.56	82	12590	1.65	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	388	0.15	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	271	0.02	ng	0.00
78) Terphenyl-d14	13.08	244	302	0.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	15820	2.943	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	27928	7.148	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	28772	5.771	ng	# 22

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

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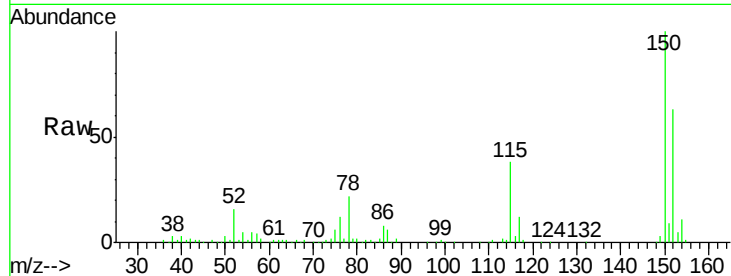


#1

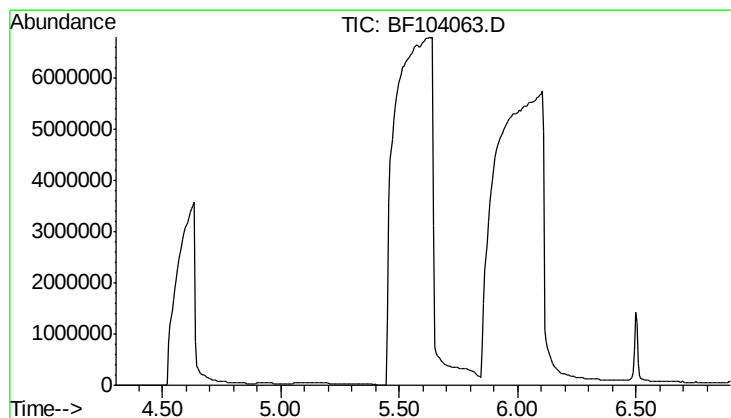
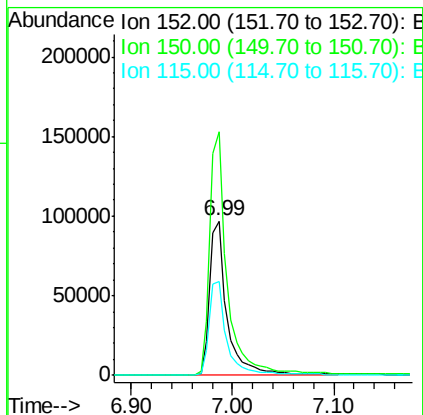
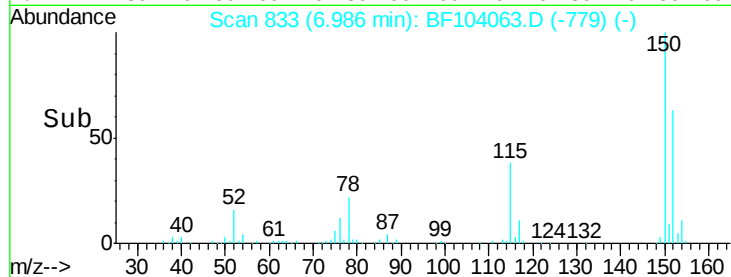
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117400
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
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

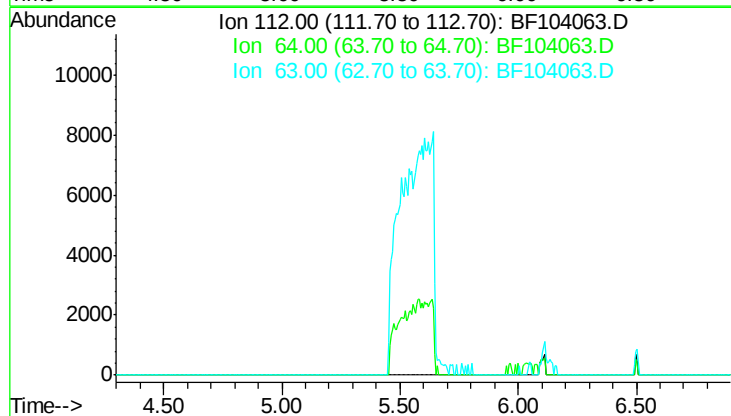


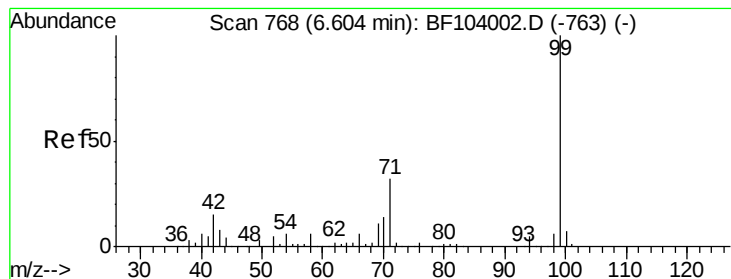
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.60 min

Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

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





#7

Phenol-d6

Concen: 0.032 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

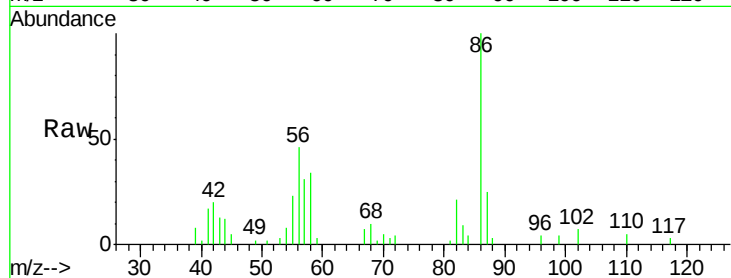
Tot Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 549.5 14.5 21.7#

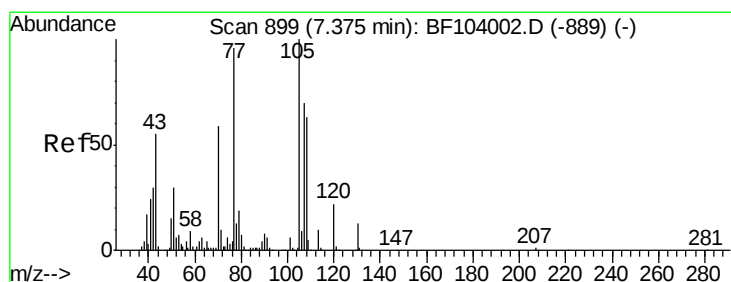
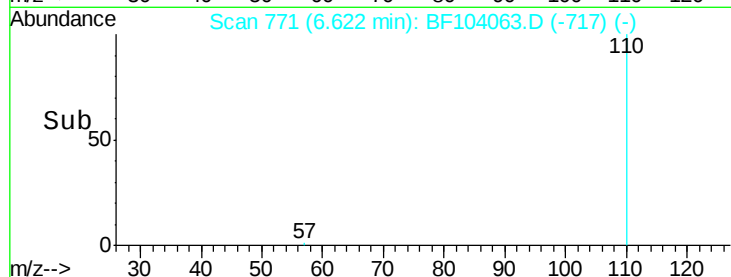
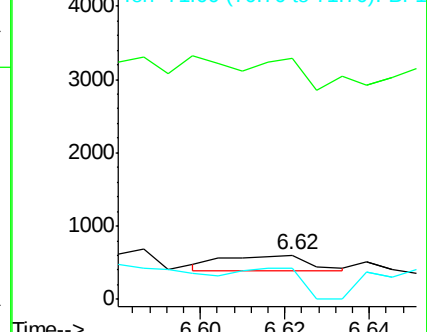
71 71.2 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.943 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.06 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Tgt Ion: 70 Resp: 15820

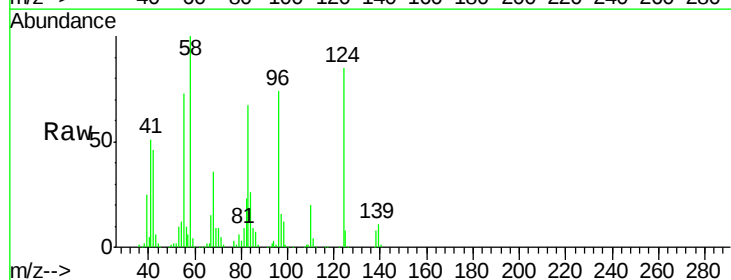
Ion Ratio Lower Upper

70 100

42 506.3 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

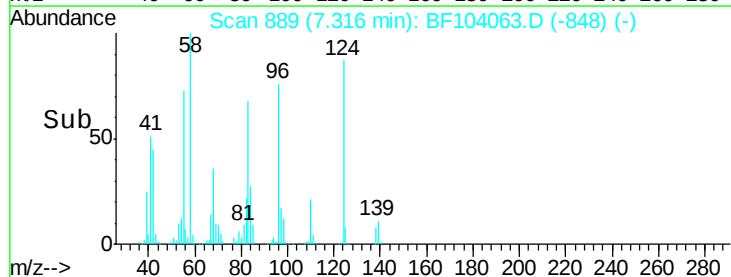
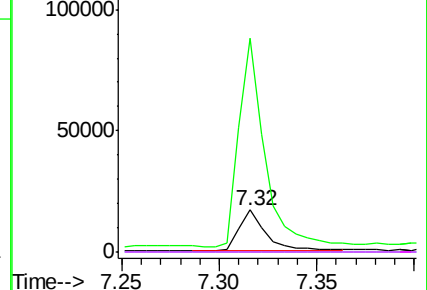


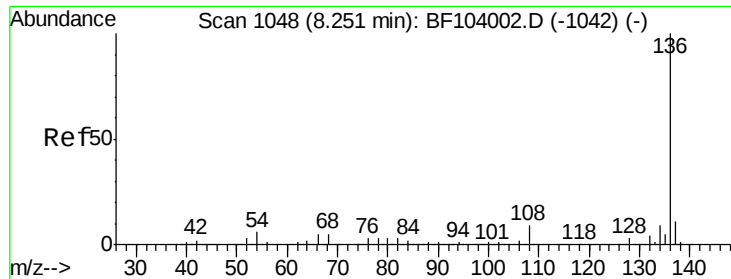
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

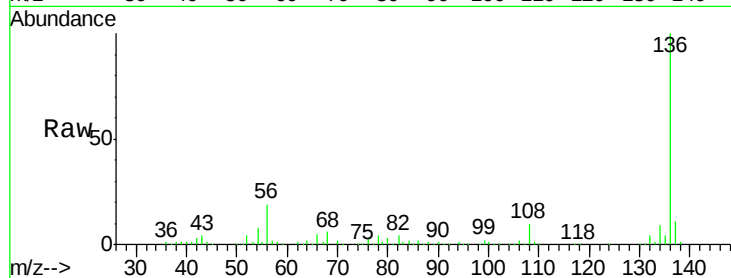




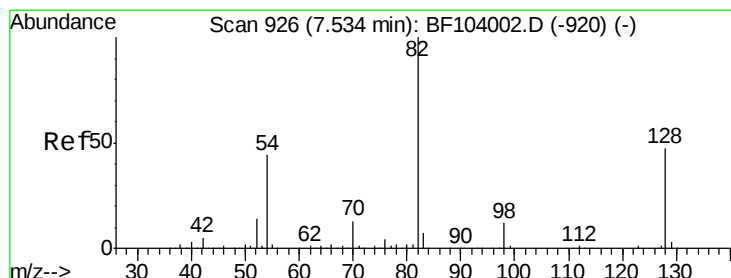
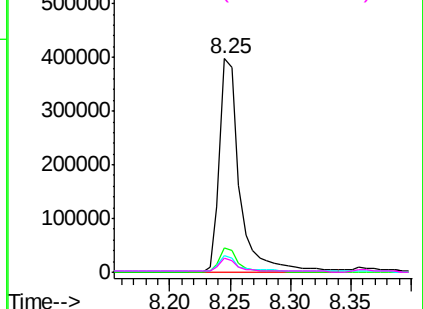
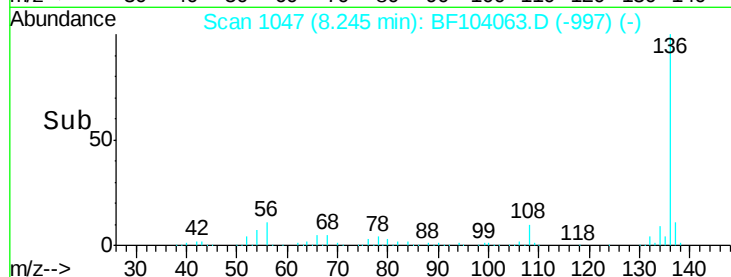
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	466734
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.6	6.6 9.8
68	6.3	5.0 7.4

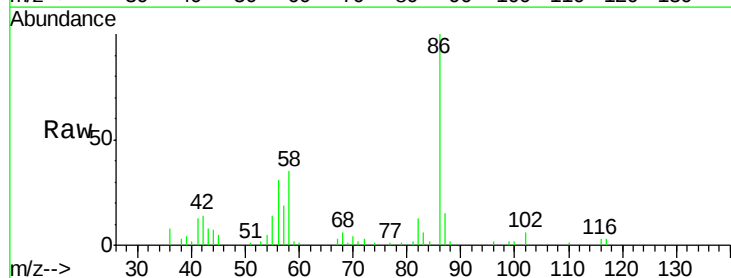


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

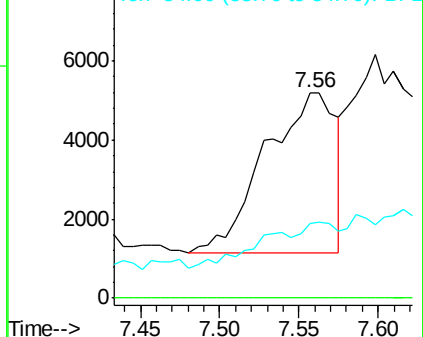
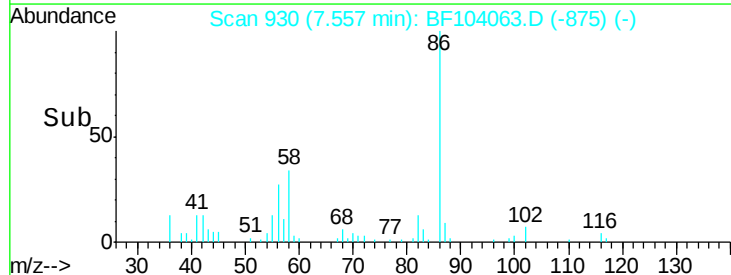


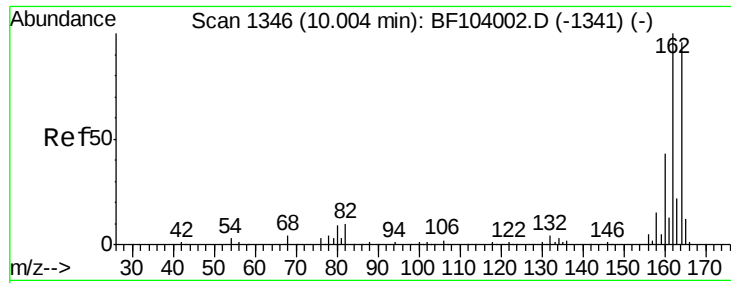
#23
Nitrobenzene-d5
Concen: 1.650 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF104063.D
Acq: 29 Mar 2018 20:40

Tgt Ion: 82	Resp:	12590
Ion Ratio	Lower	Upper
82	100	
128	0.0	36.1 54.1#
54	36.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

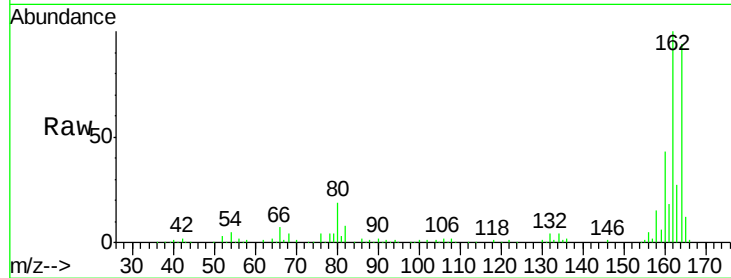
Tot Ion:164 Resp: 230032

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

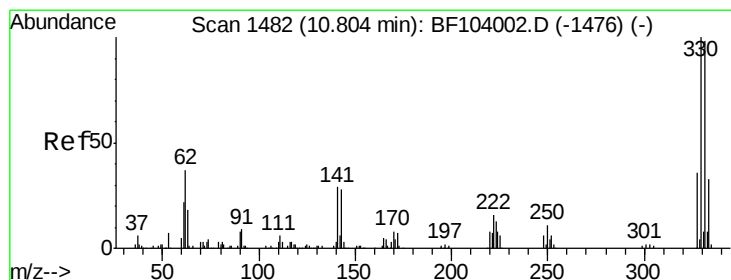
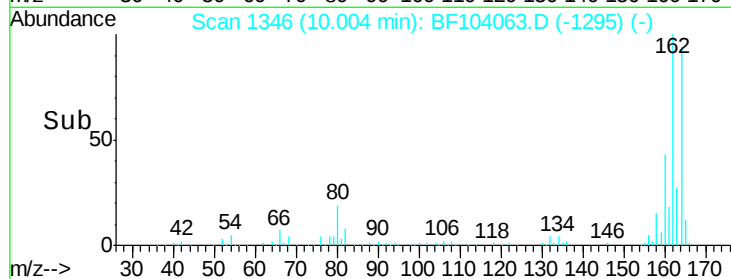
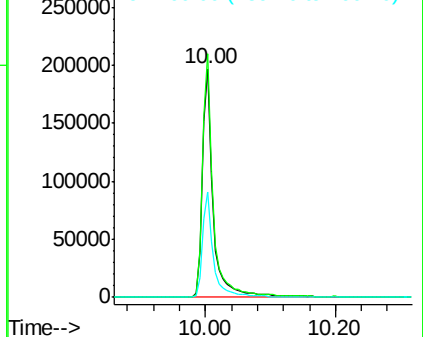
160 46.2 38.3 57.5



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: 0.151 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

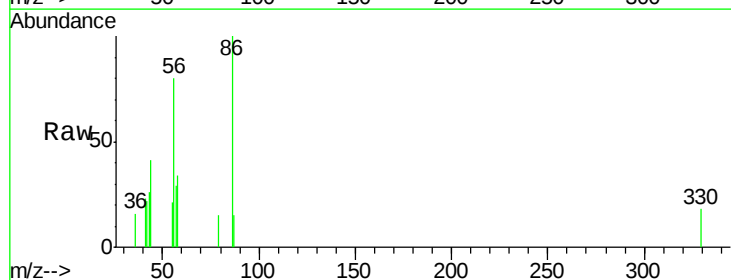
Tgt Ion:330 Resp: 388

Ion Ratio Lower Upper

330 100

332 34.0 77.0 115.6#

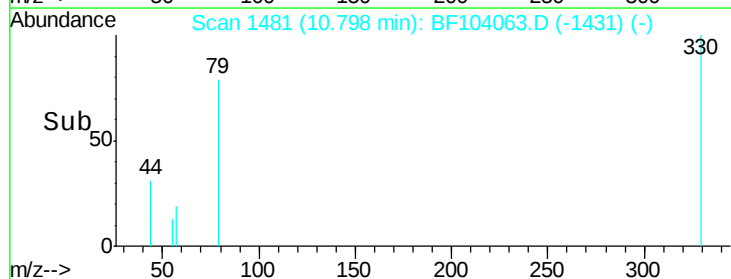
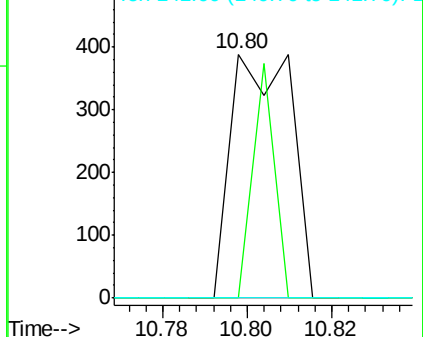
141 0.0 29.9 44.9#

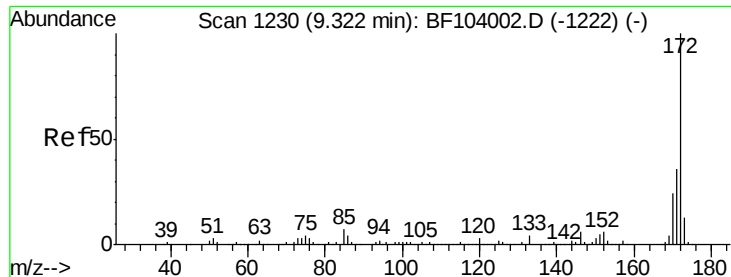


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

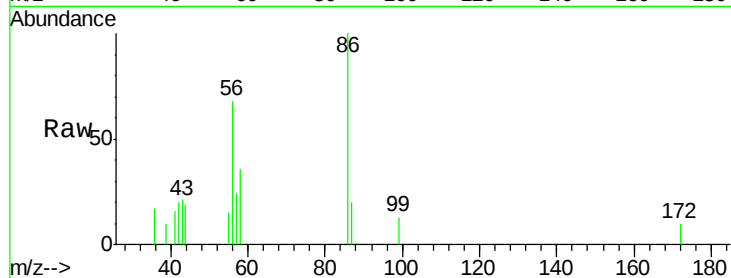




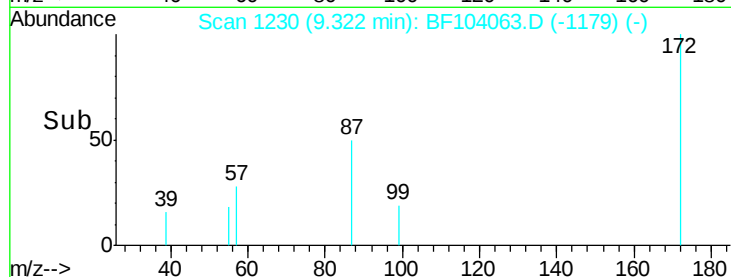
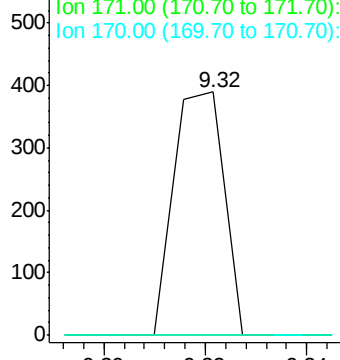
#44
 2-Fluorobiphenyl
 Concen: 0.019 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleID :

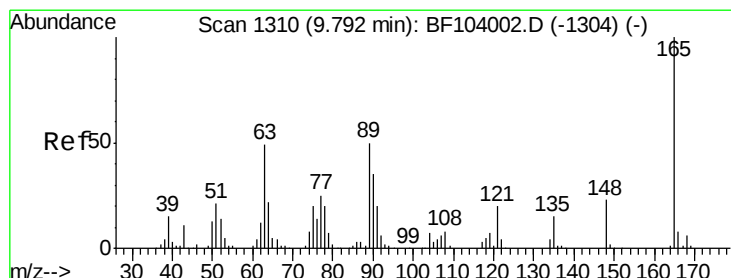
Tot Ion:172 Resp: 271
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.7 44.5#
 170 0.0 19.6 29.4#



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

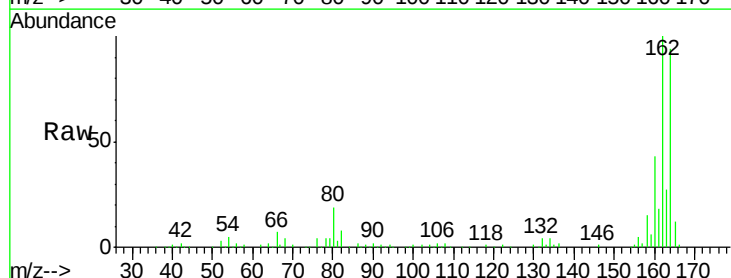


Time-->

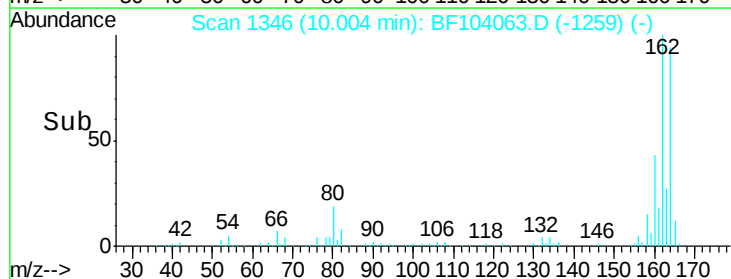
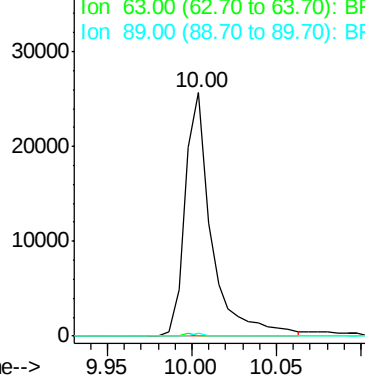


#50
 2,6-Dinitrotoluene
 Concen: 7.148 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

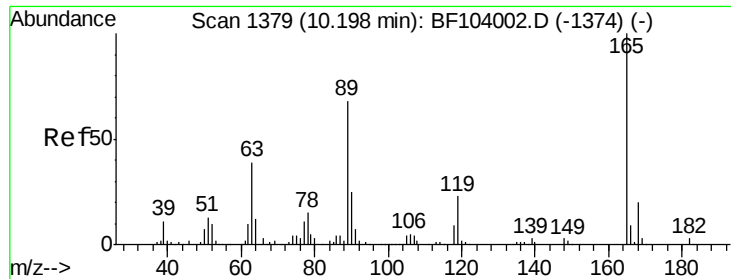
Tgt Ion:165 Resp: 27928
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.4 44.0 66.0#



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



Time-->



#56

2,4-Dinitrotoluene

Concen: 5.771 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 28772

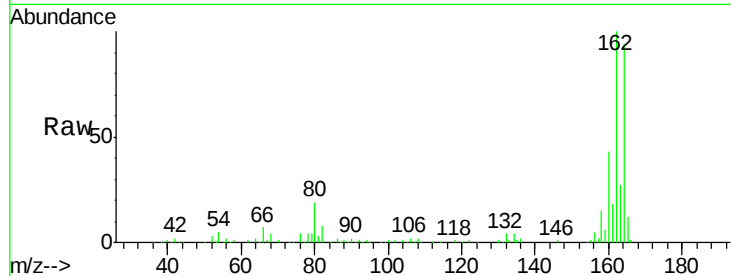
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

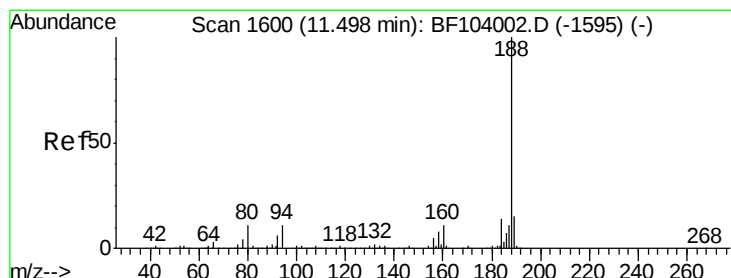
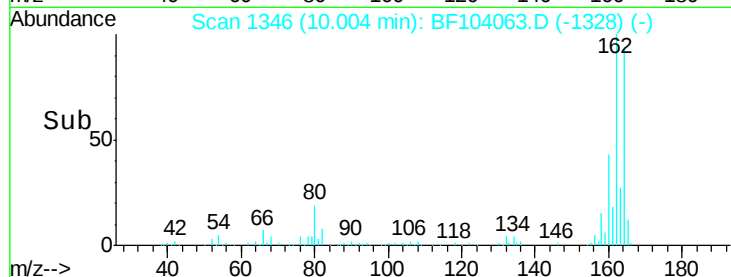
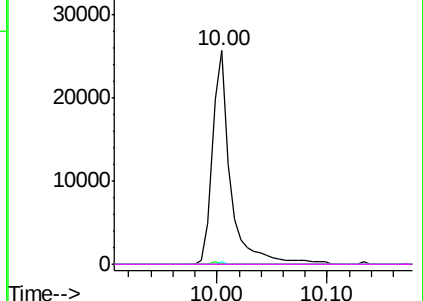


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

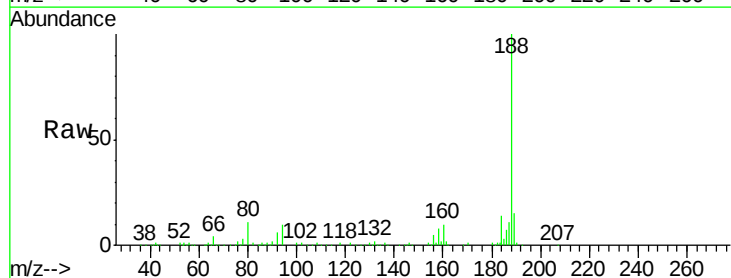
Tgt Ion:188 Resp: 375881

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

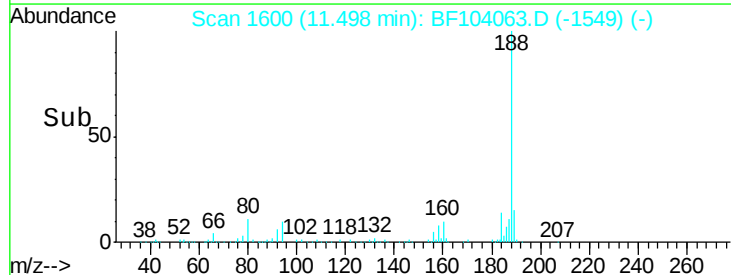
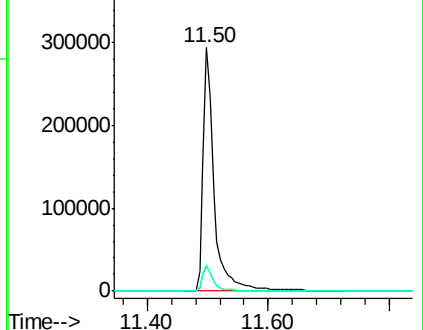
80 10.9 9.2 13.8

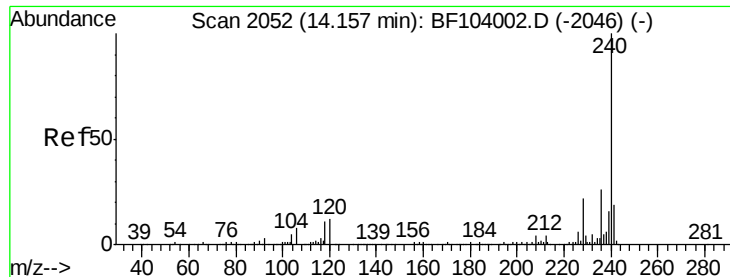


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2051

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

Instrument :

BNA_F

ClientSampled :

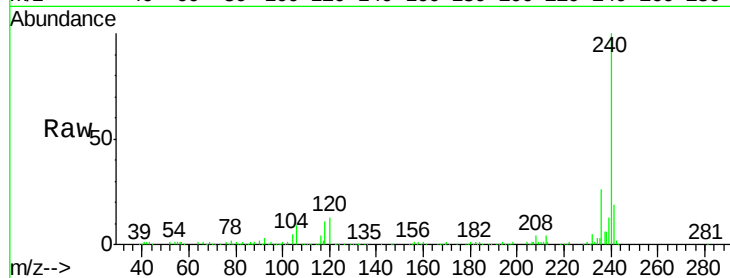
Tot Ion:240 Resp: 246166

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

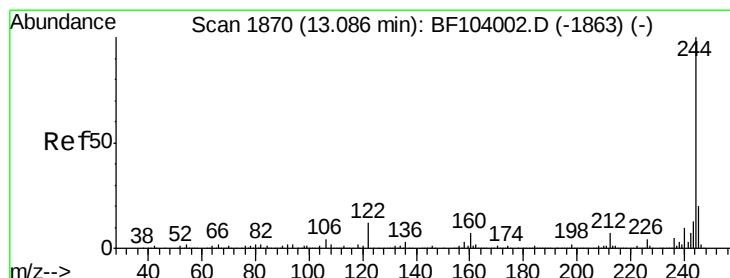
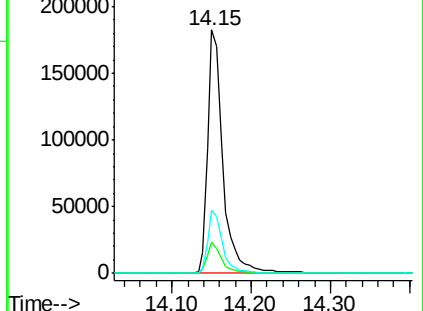
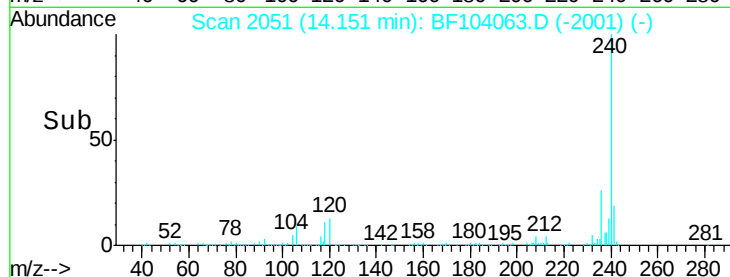
236 25.8 20.7 31.1



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: 0.028 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104063.D

Acq: 29 Mar 2018 20:40

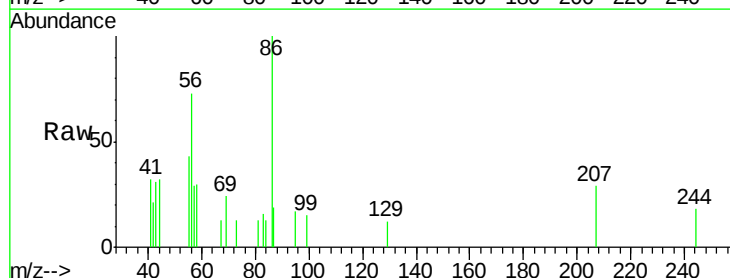
Tgt Ion:244 Resp: 302

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

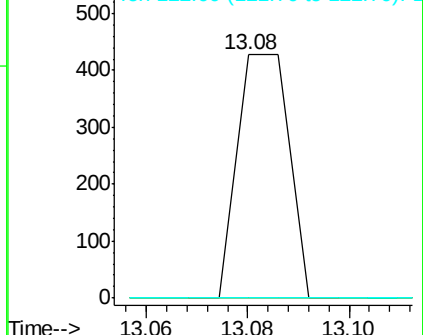
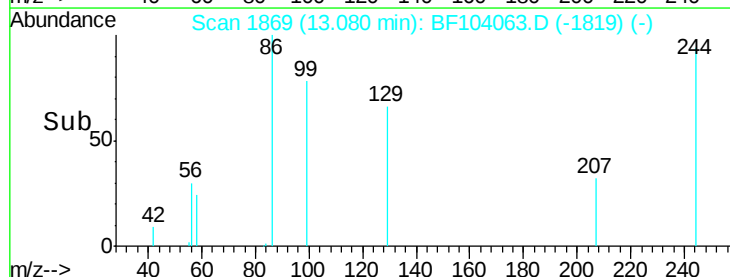
122 0.0 11.0 16.4#

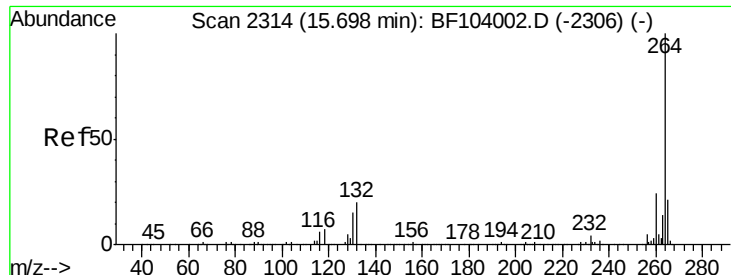


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

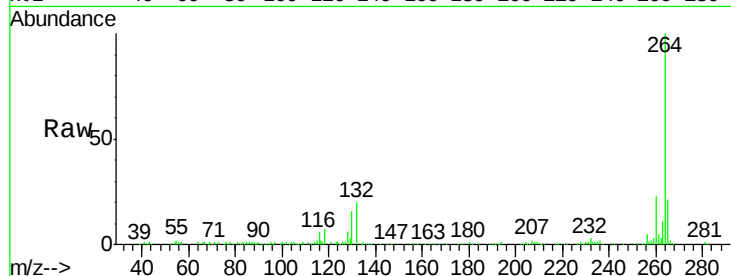




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104063.D
 Acq: 29 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	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

