

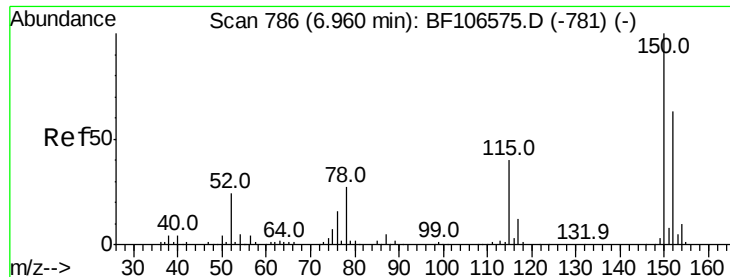
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107146.D
 Acq On : 6 Jul 2018 2:21
 Operator : JU/SJ
 Sample : J3812-06RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:14:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61135	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	229756	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	102262	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	181151	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	193262	20.00	ng	-0.03
86) Perylene-d12	15.67	264	138930	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	129472	35.86	ng	-0.02
7) Phenol-d6	6.59	99	166089	36.84	ng	-0.02
23) Nitrobenzene-d5	7.51	82	106488	25.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	35914	30.30	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	220309	26.27	ng	-0.02
78) Terphenyl-d14	13.06	244	241168	30.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	13765	4.632	ng	# 74
25) Isophorone	7.51	82	106488	14.617	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	12535	7.718	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	12535	5.913	ng	# 21

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

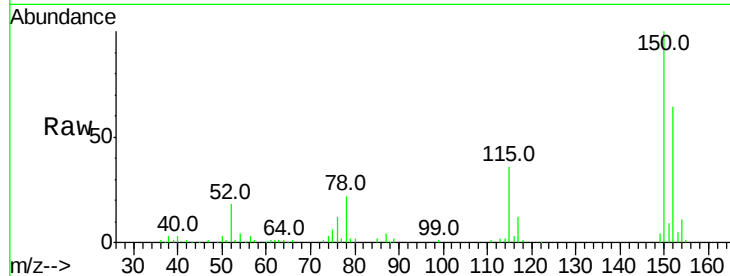


#1

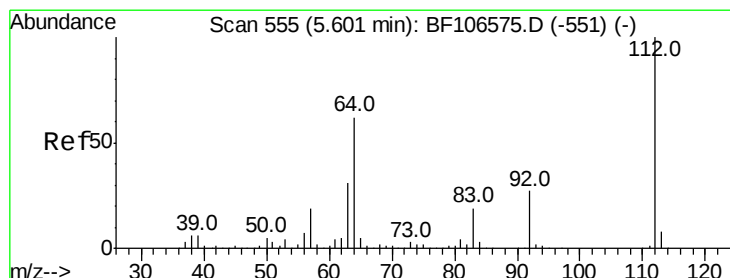
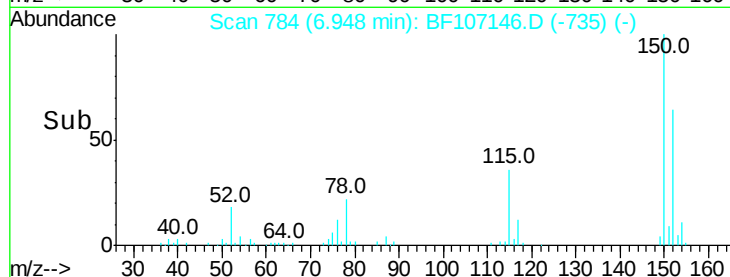
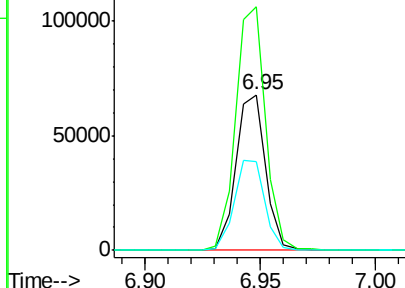
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 61135
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 57.0 50.1 75.1



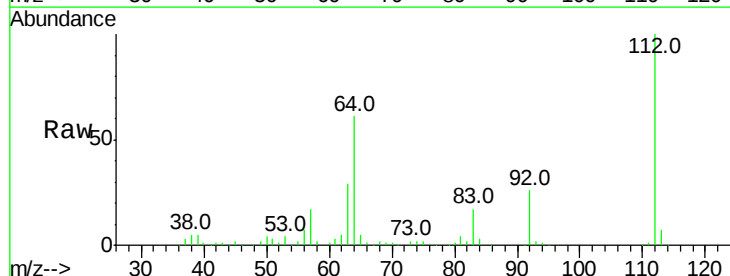
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



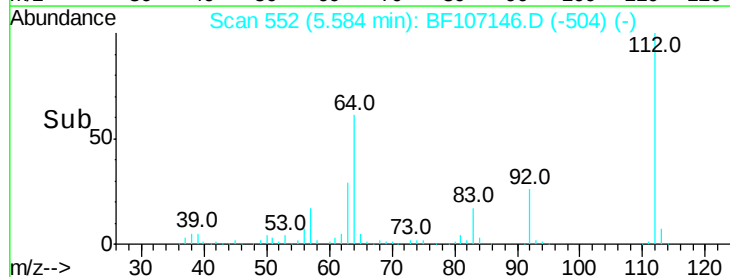
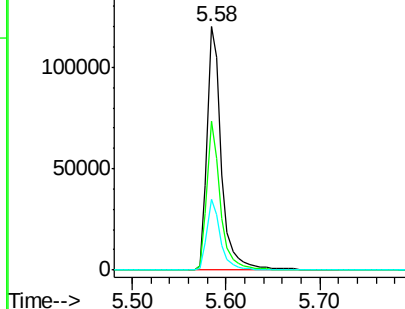
#5

2-Fluorophenol
 Concen: 35.861 ng
 RT: 5.58 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Tgt Ion:112 Resp: 129472
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.9 71.9
 63 29.3 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: 36.838 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107146.D

Acq: 6 Jul 2018 2:21

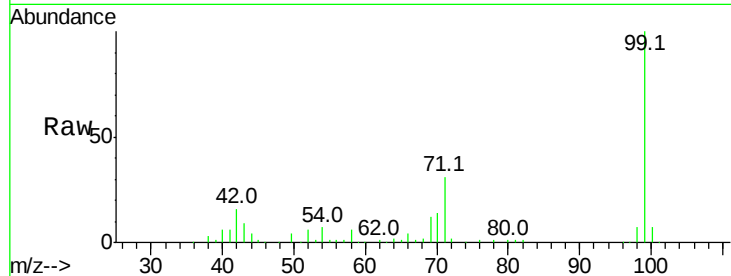
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 166089

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	31.5	25.4	38.0

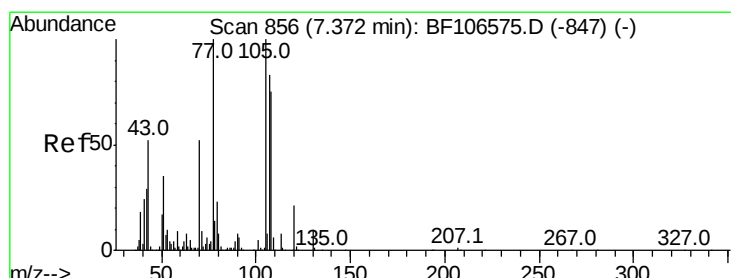
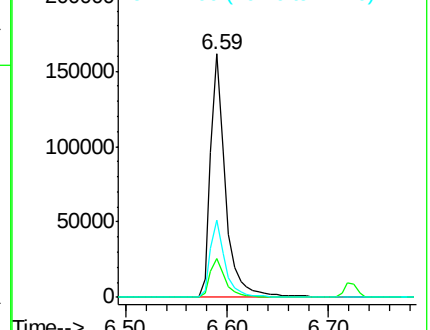
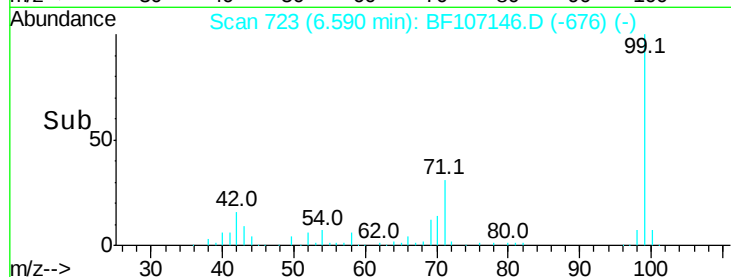


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 4.632 ng

RT: 7.51 min Scan# 879

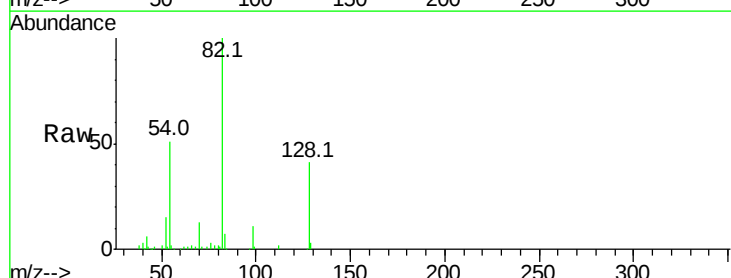
Delta R.T. 0.12 min

Lab File: BF107146.D

Acq: 6 Jul 2018 2:21

Tgt Ion: 70 Resp: 13765

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



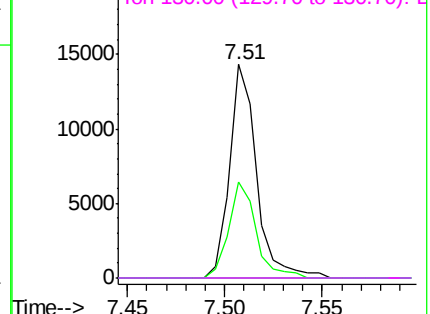
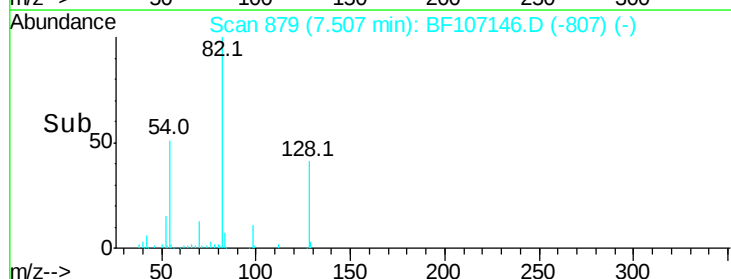
Abundance

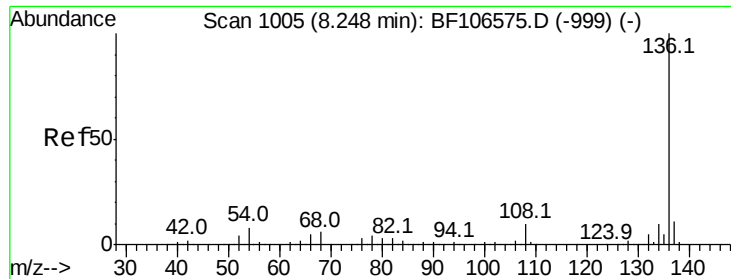
Ion 70.00 (69.70 to 70.70): BF1

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

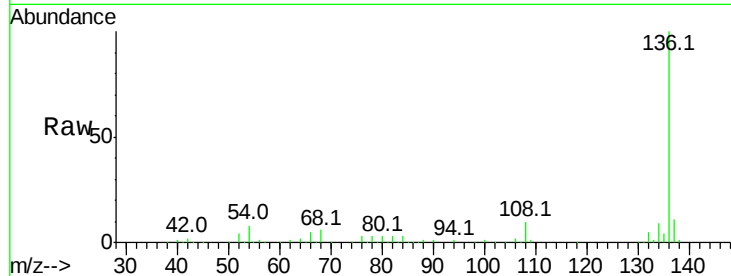




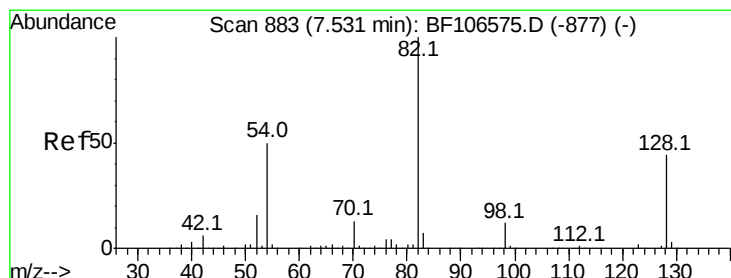
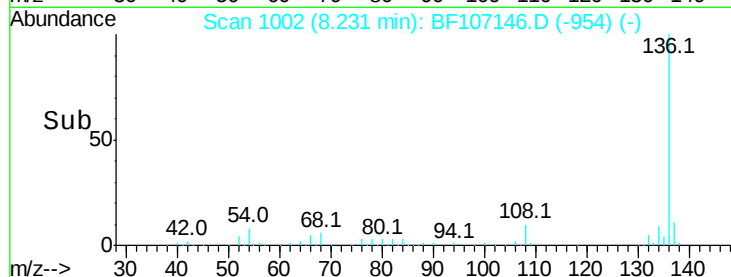
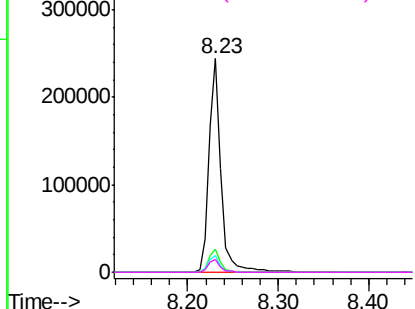
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107146.D
Acq: 6 Jul 2018 2:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	229756
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.1	6.6	9.8
68	6.0	5.0	7.4

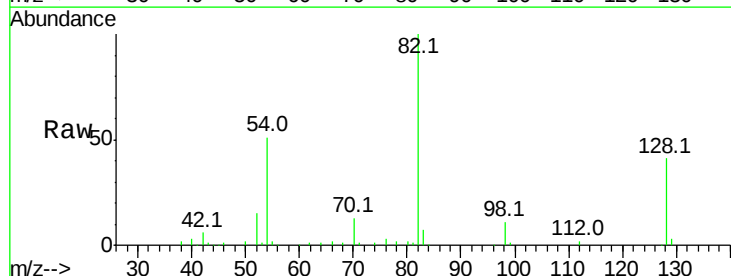


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

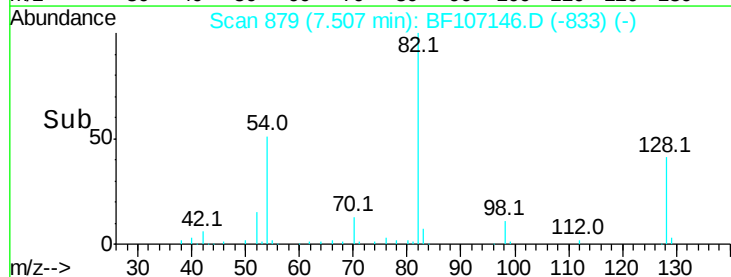
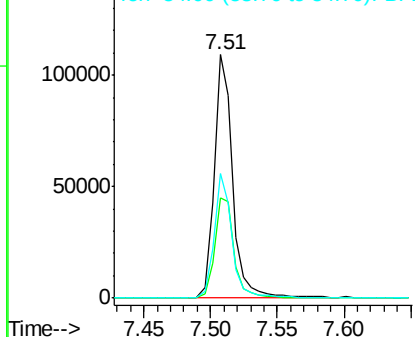


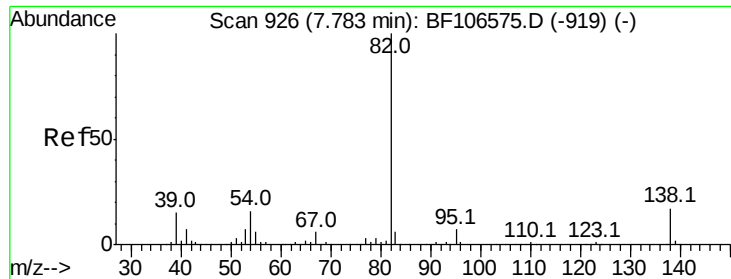
#23
Nitrobenzene-d5
Concen: 25.757 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107146.D
Acq: 6 Jul 2018 2:21

Tgt Ion:	82	Resp:	106488
Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	51.1	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





#25

Isophorone

Concen: 14.617 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF107146.D

Acq: 6 Jul 2018 2:21

Instrument :

BNA_F

ClientSampled :

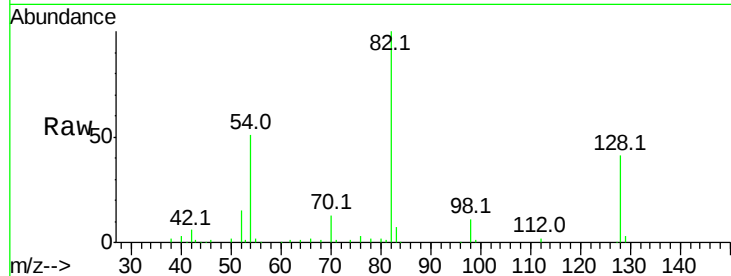
Tot Ion: 82 Resp: 106488

Ion Ratio Lower Upper

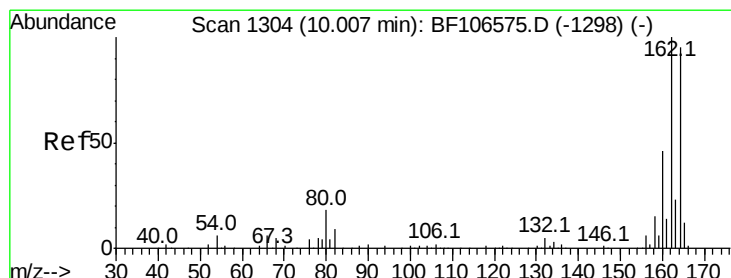
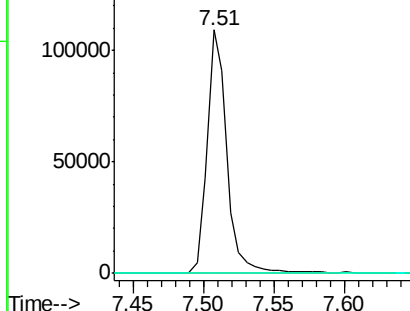
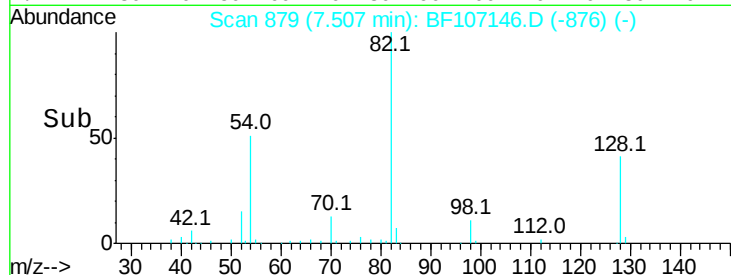
82 100

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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107146.D

Acq: 6 Jul 2018 2:21

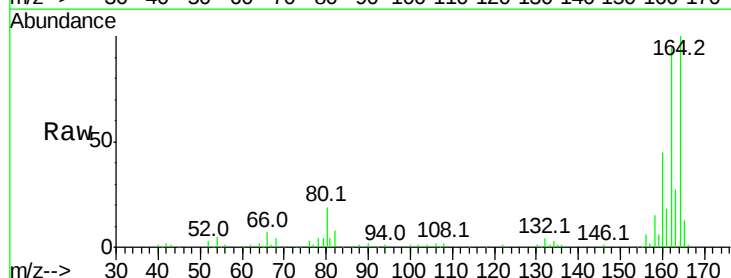
Tgt Ion:164 Resp: 102262

Ion Ratio Lower Upper

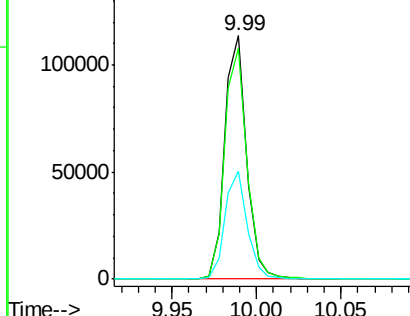
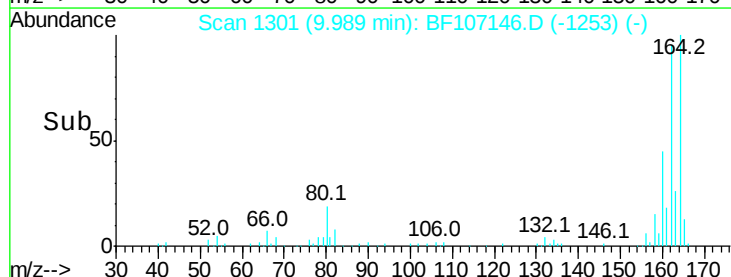
164 100

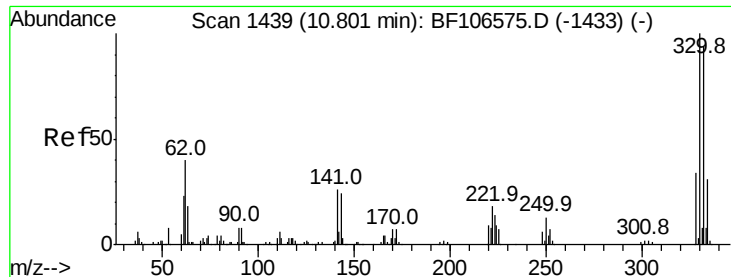
162 95.0 86.1 129.1

160 44.5 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

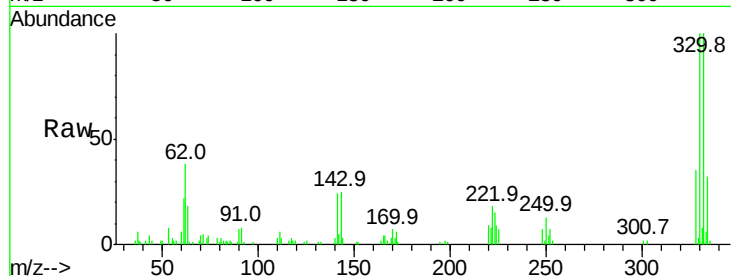




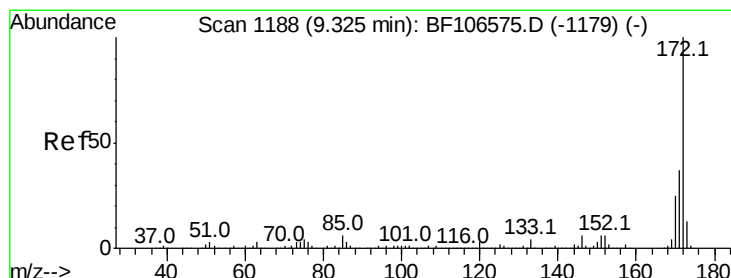
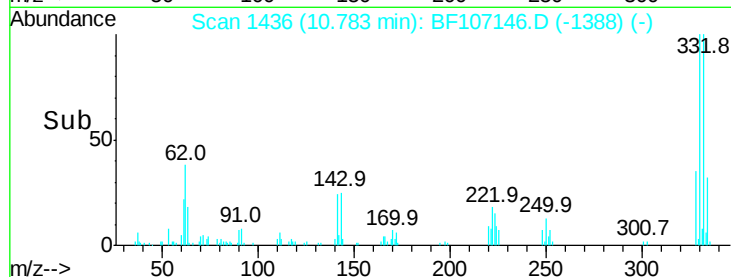
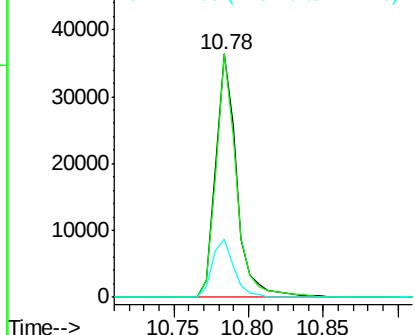
#41
 2,4,6-Tribromophenol
 Concen: 30.301 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 35914
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 24.4 29.9 44.9#

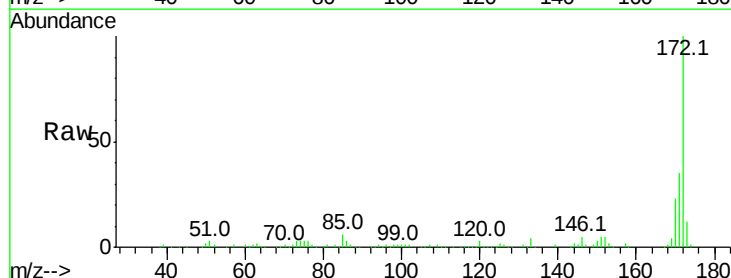


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

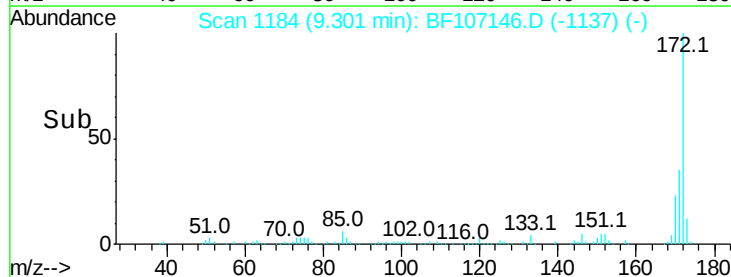
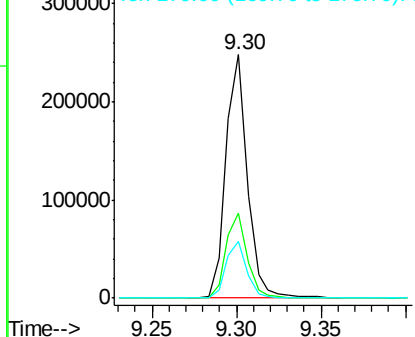


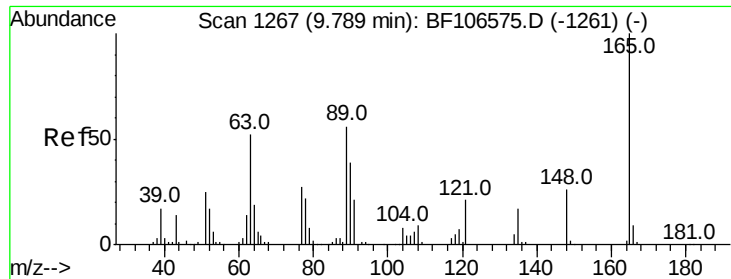
#44
 2-Fluorobiphenyl
 Concen: 26.274 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Tgt Ion:172 Resp: 220309
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.1 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

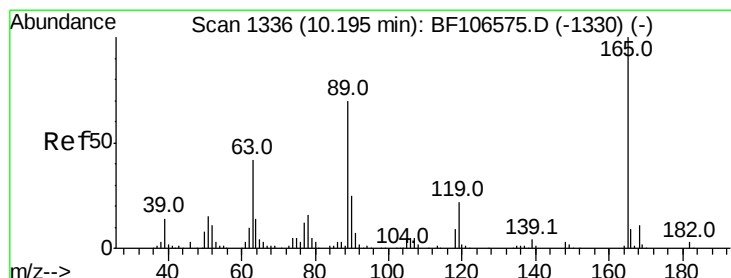
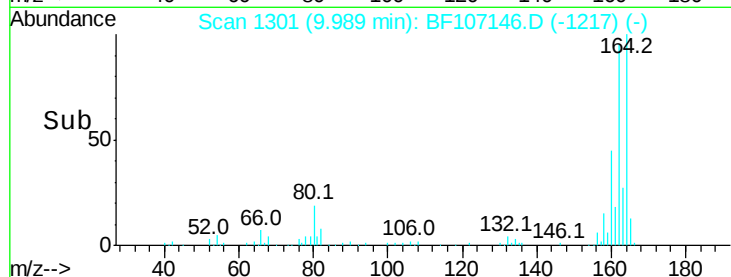
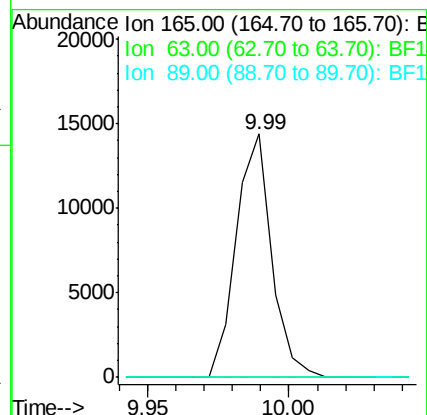
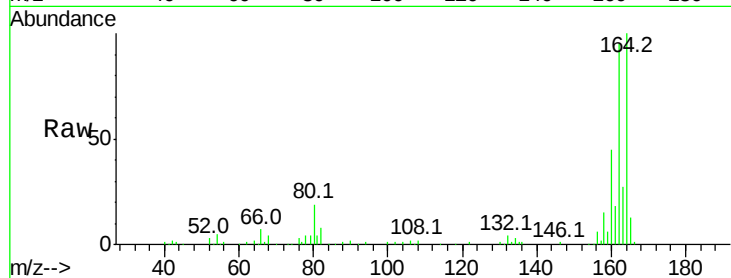




#50
 2,6-Dinitrotoluene
 Concen: 7.718 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. 0.19 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

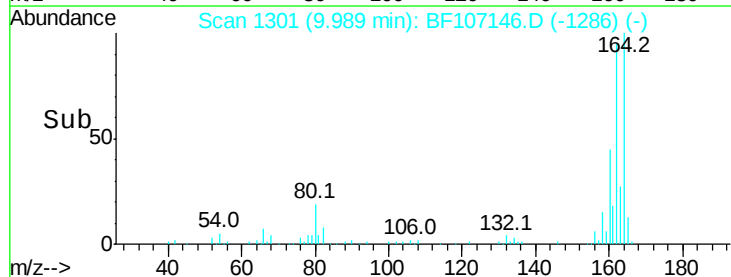
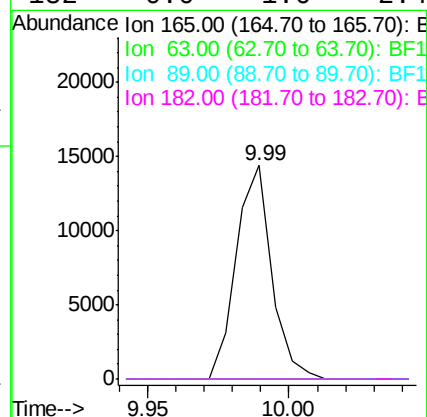
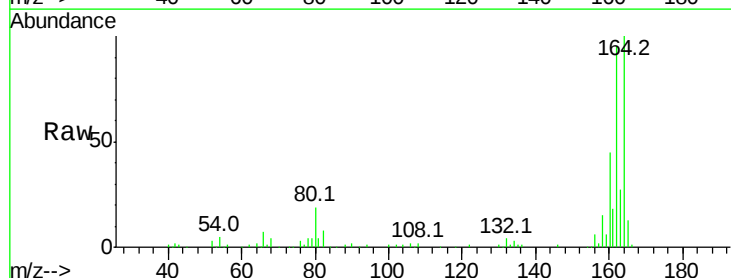
Instrument :
 BNA_F
 ClientSampleId :

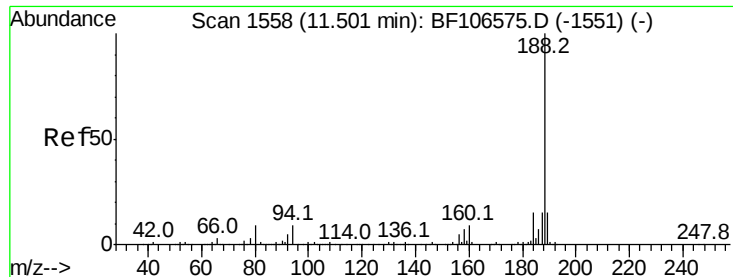
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Tgt 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#

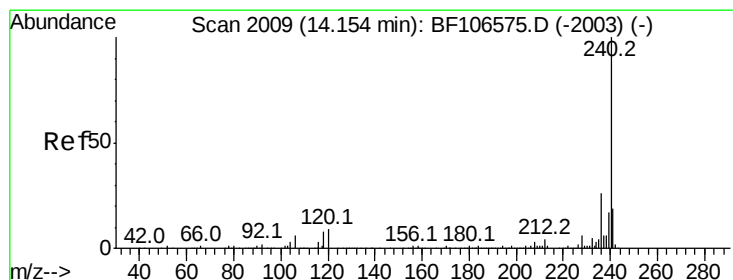
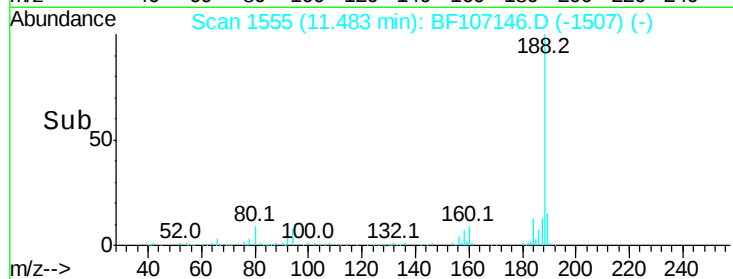
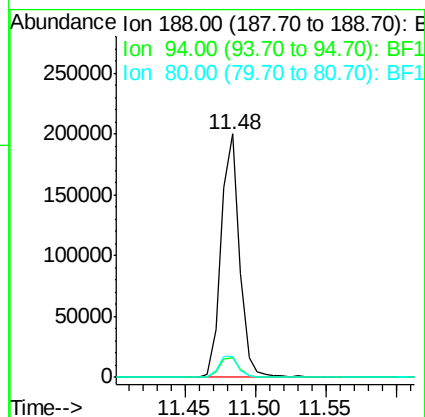
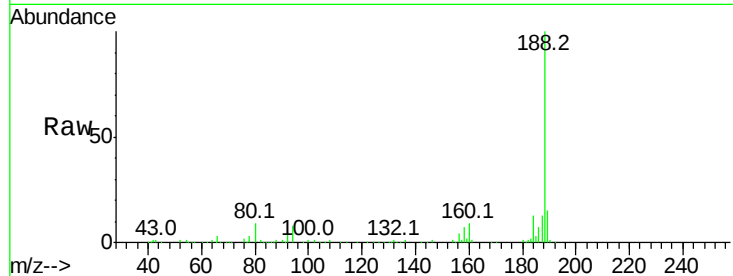




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107146.D
Acq: 6 Jul 2018 2:21

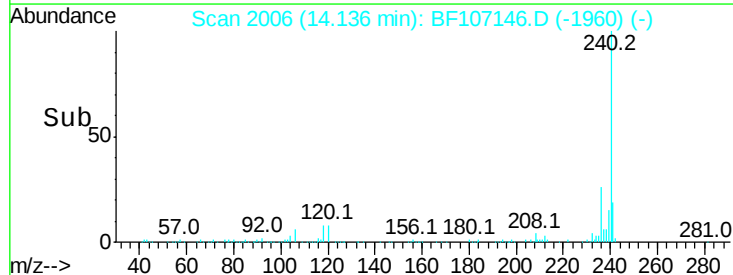
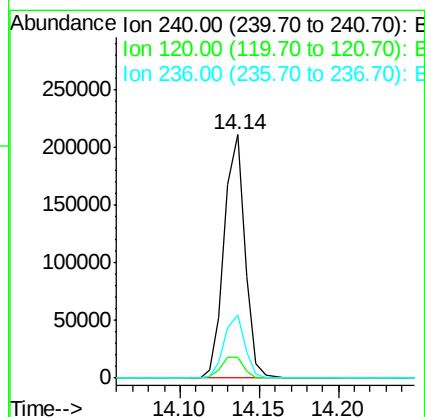
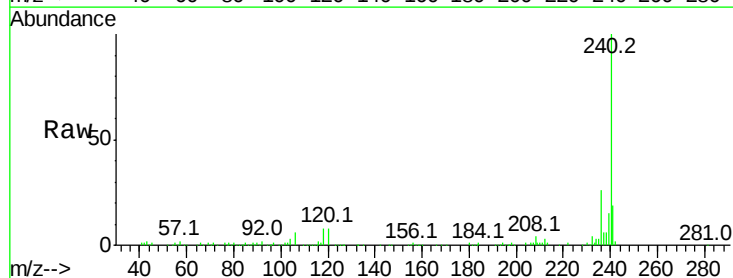
Instrument :
BNA_F
ClientSampleId :

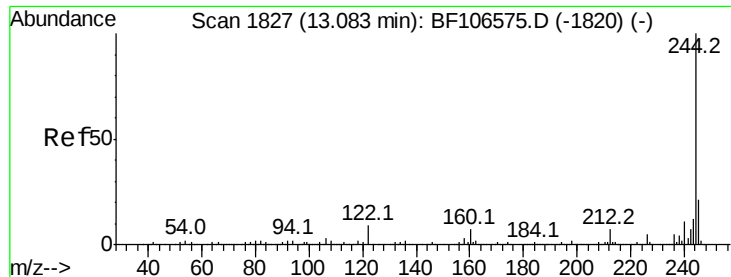
Tot Ion:188 Resp: 181151
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107146.D
Acq: 6 Jul 2018 2:21

Tgt Ion:240 Resp: 193262
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.8 20.7 31.1

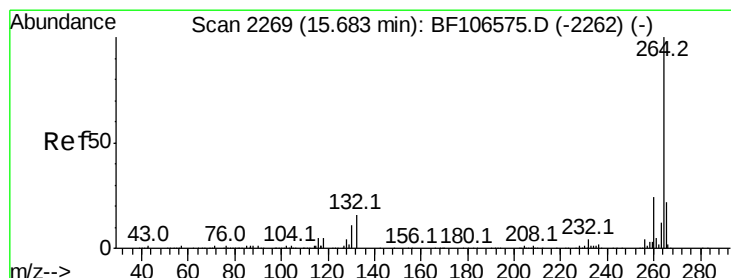
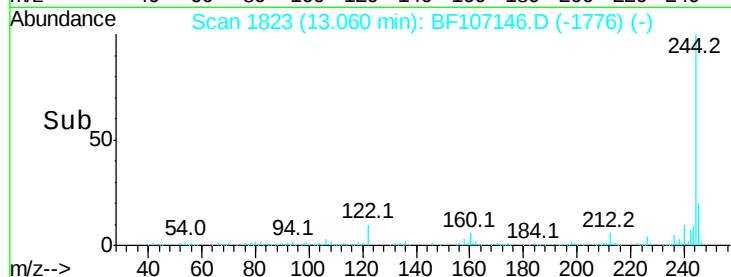
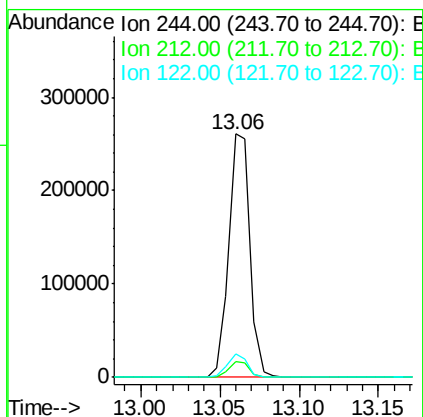
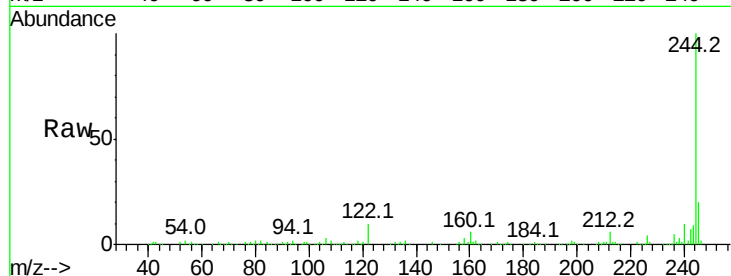




#78
 Terphenyl-d14
 Concen: 30.227 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 241168
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107146.D
 Acq: 6 Jul 2018 2:21

Tgt Ion:264 Resp: 138930
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.5 26.3

