

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106901.D
 Acq On : 28 Jun 2018 5:07
 Operator : JU/SJ
 Sample : J3705-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

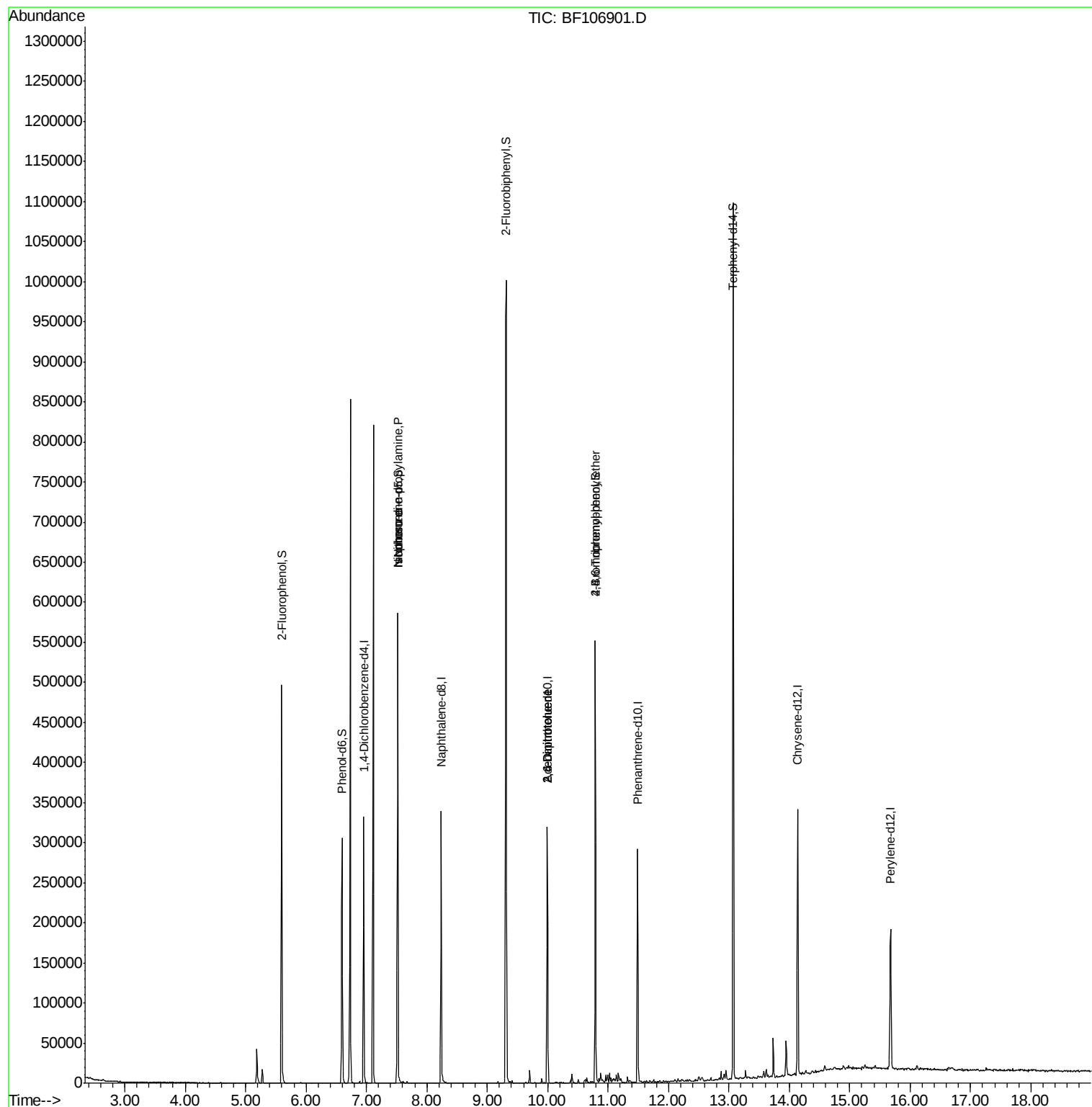
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44813	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155036	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	63254	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111839	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	131669	20.00	ng	-0.03
86) Perylene-d12	15.68	264	93382	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	132587	50.10	ng	0.00
7) Phenol-d6	6.60	99	99670	30.16	ng	-0.02
23) Nitrobenzene-d5	7.52	82	203824	73.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	77441	105.63	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	353470	96.60	ng	-0.01
78) Terphenyl-d14	13.07	244	404554	74.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	26400	12.118	ng	# 73
25) Isophorone	7.52	82	203823	41.462	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	7866	7.830	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7866	5.999	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4445	3.330	ng	# 1

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

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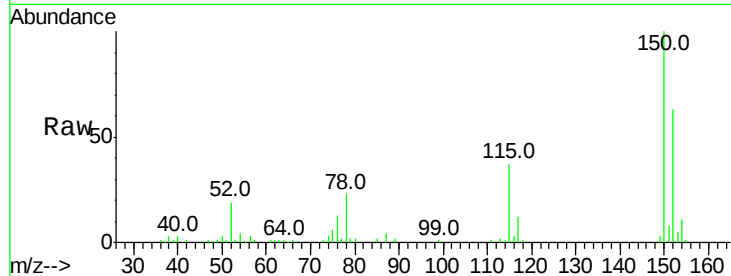


#1

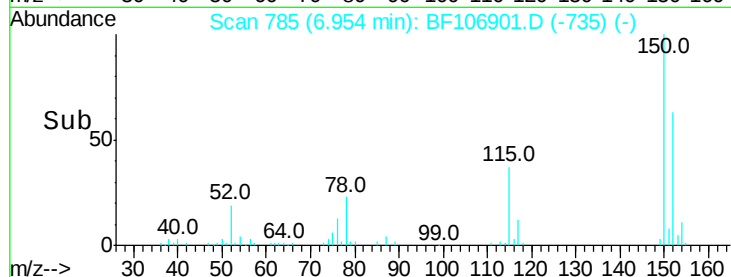
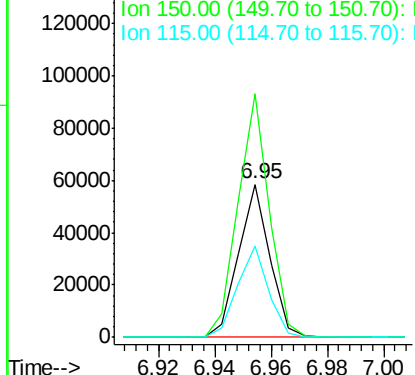
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44813
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.3 50.1 75.1



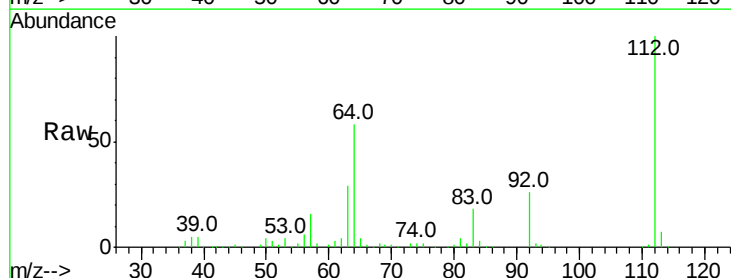
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



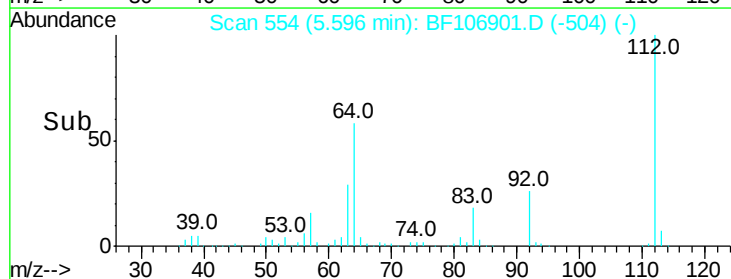
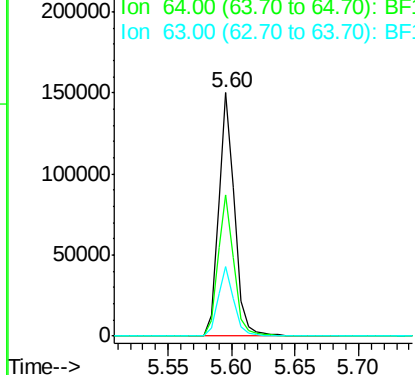
#5

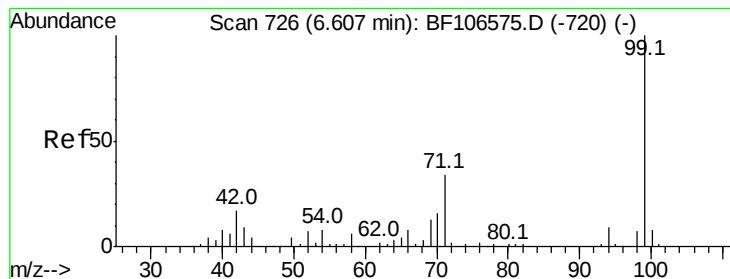
2-Fluorophenol
Concen: 50.100 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Tgt Ion:112 Resp: 132587
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.7 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: 30.158 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

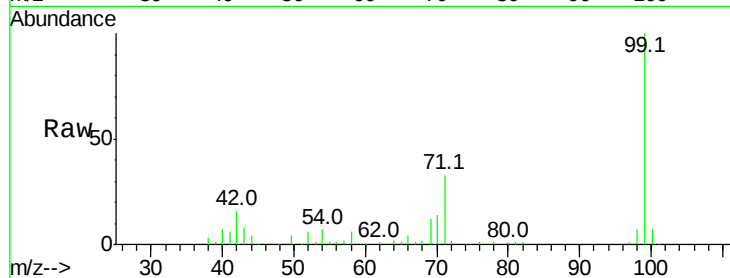
Tot Ion: 99 Resp: 99670

Ion Ratio Lower Upper

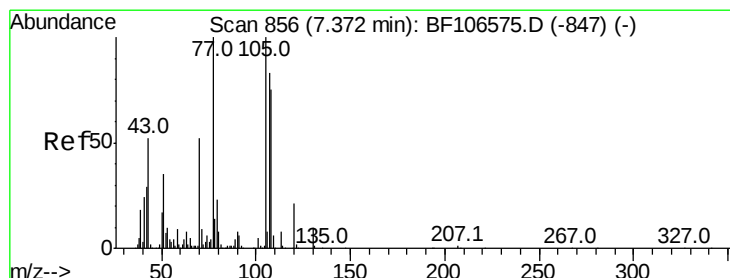
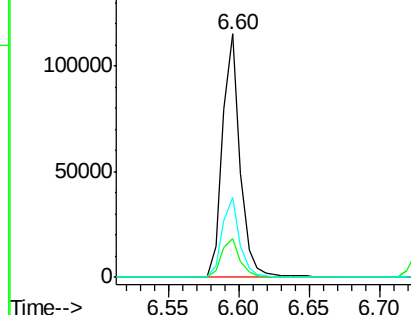
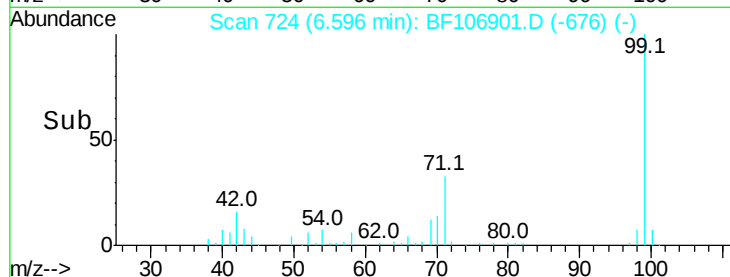
99 100

42 16.1 14.5 21.7

71 32.7 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: 12.118 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Tgt Ion: 70 Resp: 26400

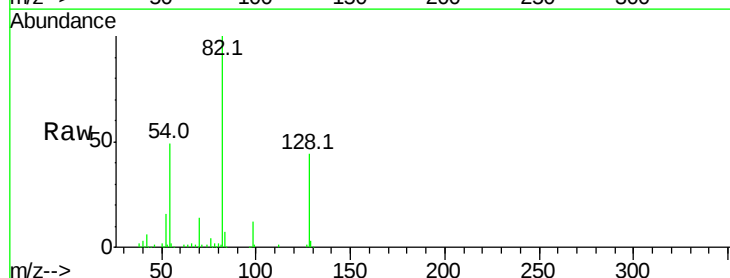
Ion Ratio Lower Upper

70 100

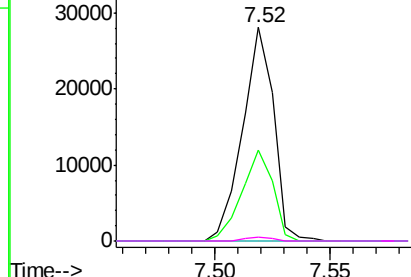
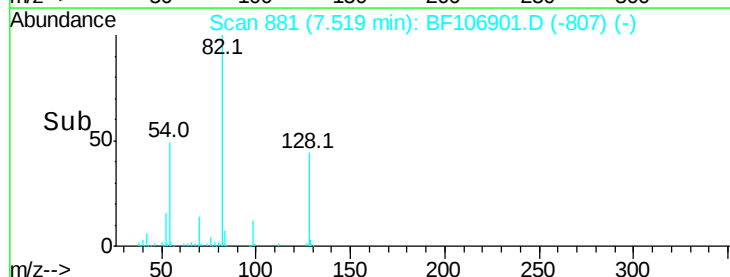
42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 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

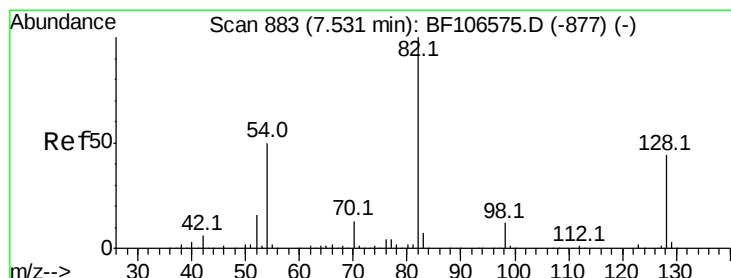
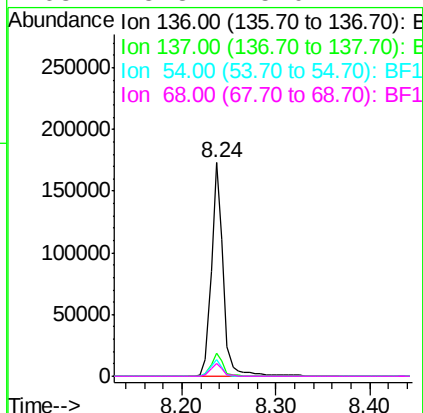
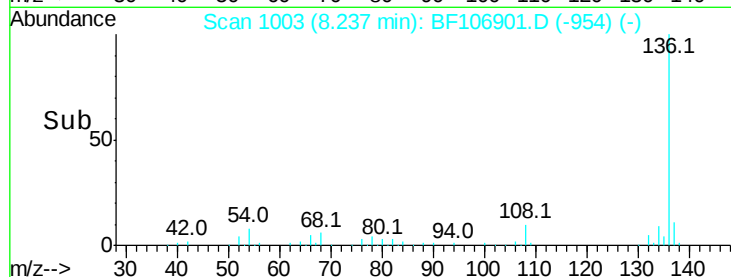
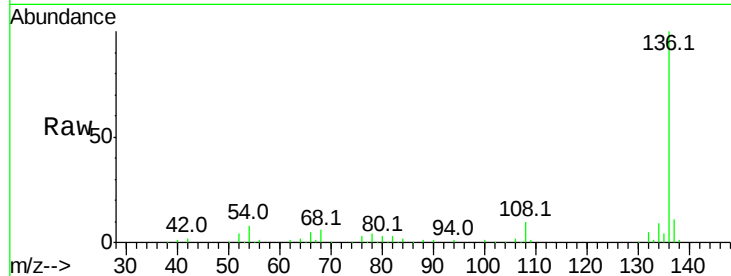




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

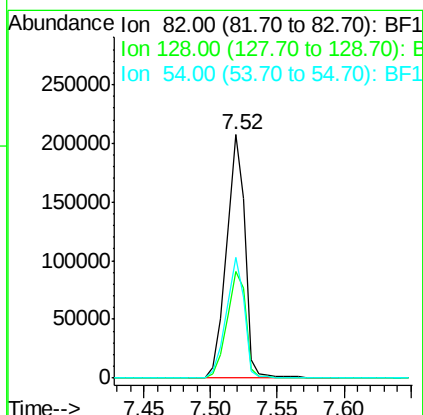
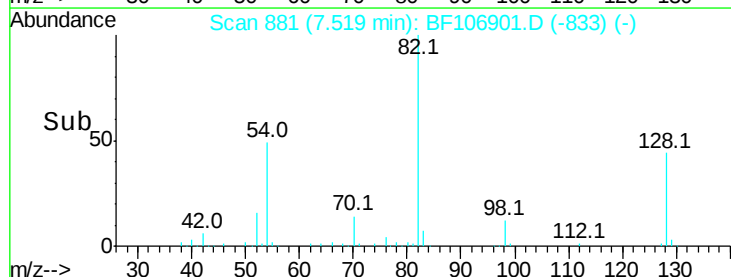
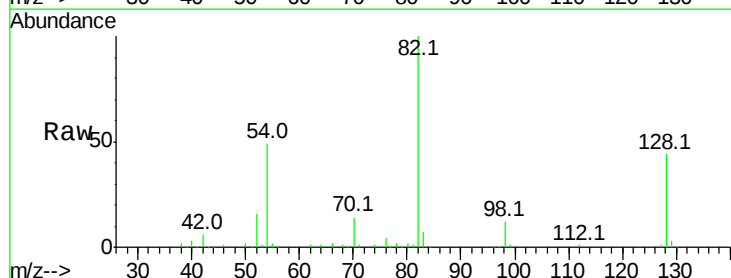
Instrument :
BNA_F
ClientSampleId :

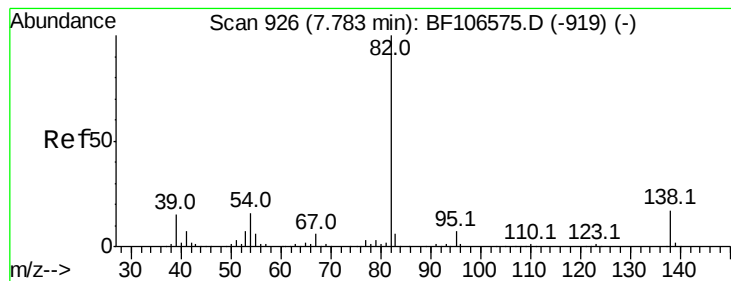
Tot Ion:	136	Resp:	155036
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.062 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Tgt Ion:	82	Resp:	203824
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	49.4	41.4	62.2





#25

Isophorone

Concen: 41.462 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

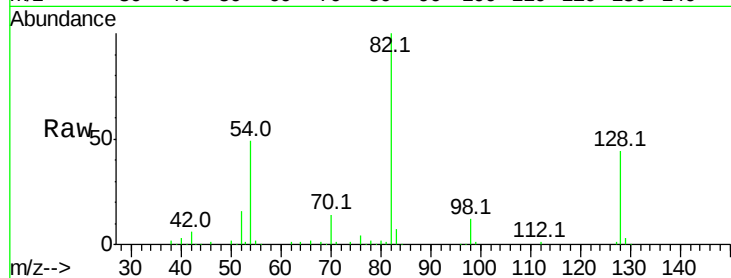
Tot Ion: 82 Resp: 203823

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

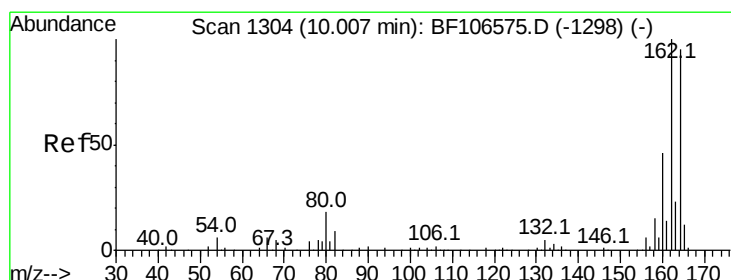
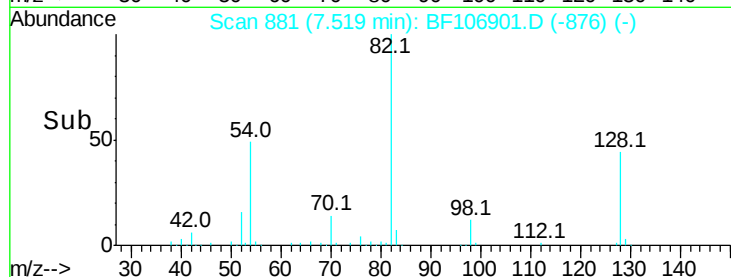
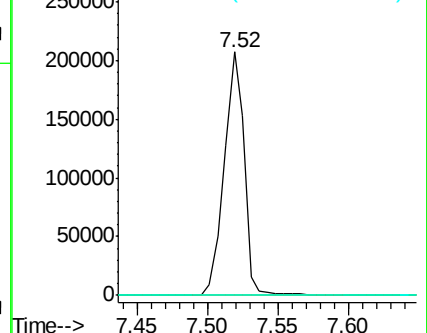
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

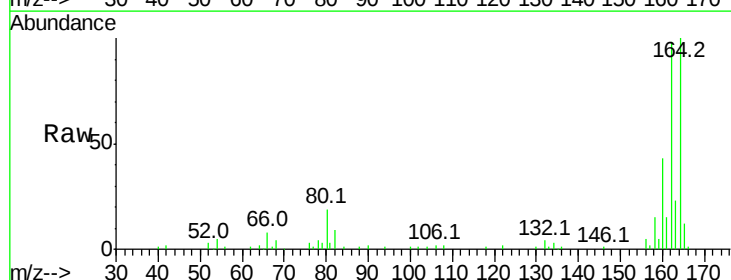
Tgt Ion: 164 Resp: 63254

Ion Ratio Lower Upper

164 100

162 97.9 86.1 129.1

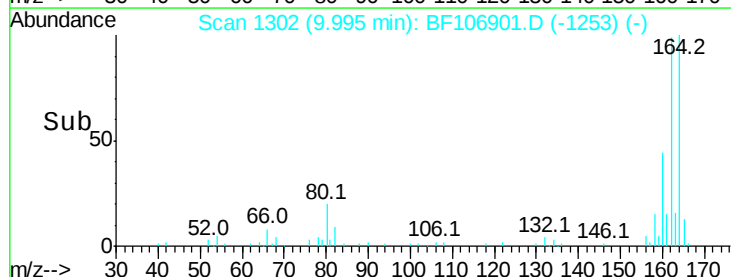
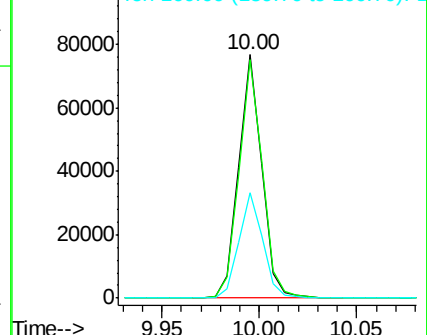
160 43.2 38.3 57.5



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

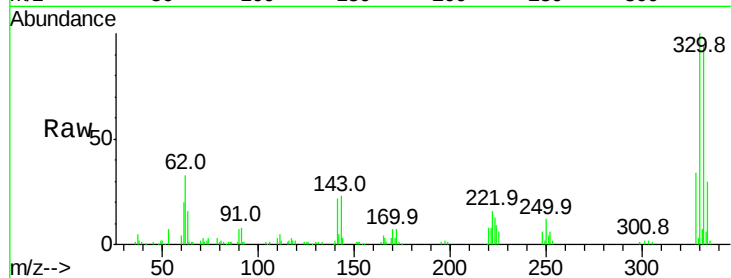




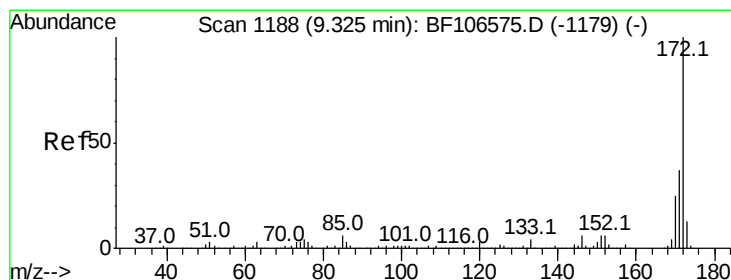
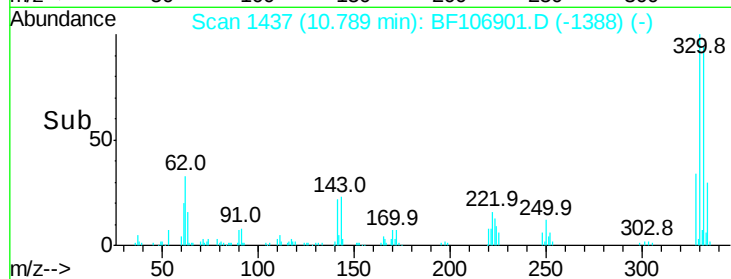
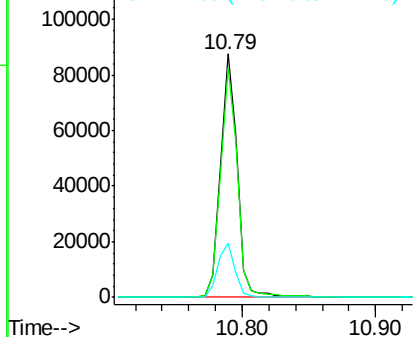
#41
 2,4,6-Tribromophenol
 Concen: 105.631 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 77441
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 22.9 29.9 44.9#

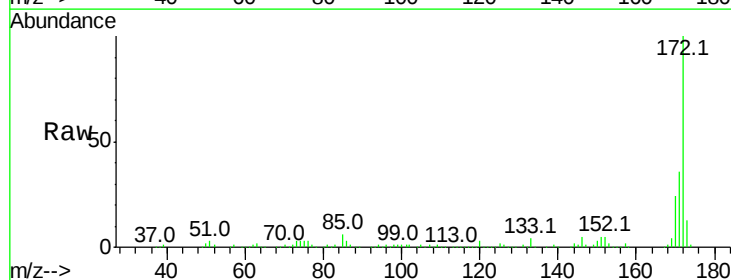


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

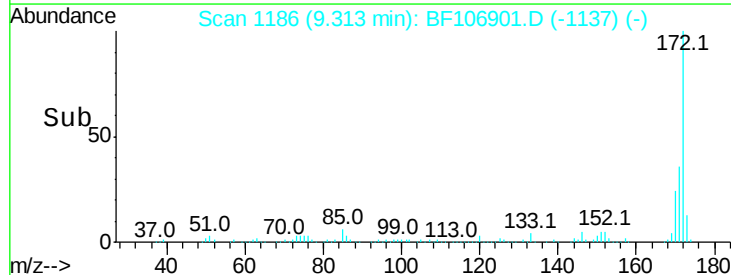
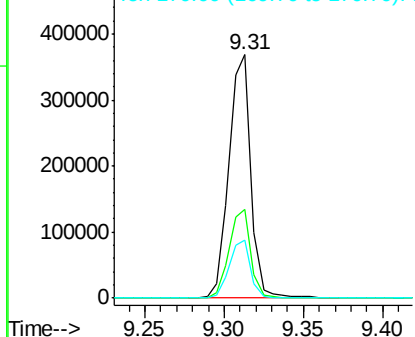


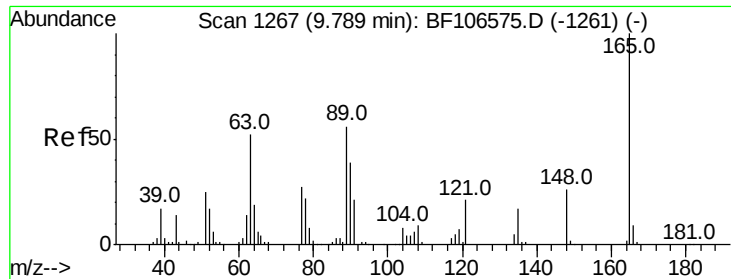
#44
 2-Fluorobiphenyl
 Concen: 96.599 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Tgt Ion:172 Resp: 353470
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 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

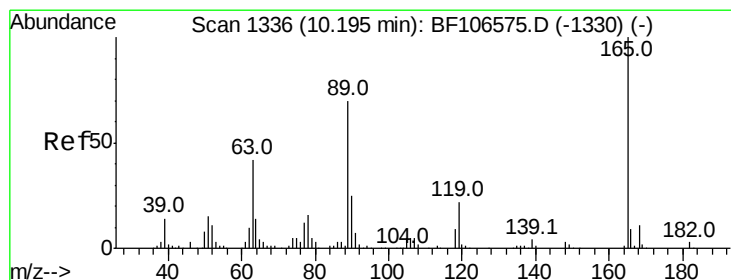
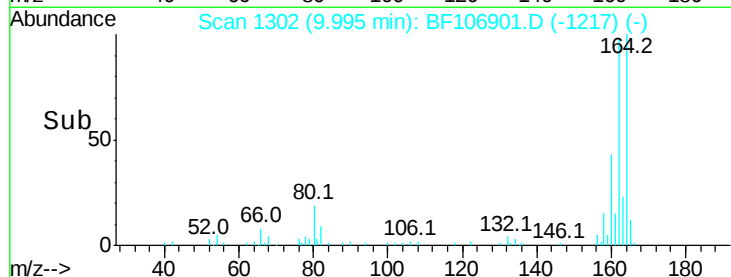
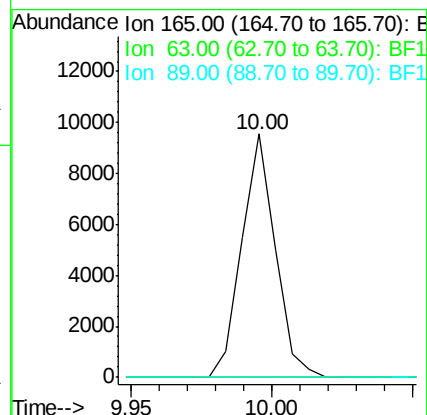
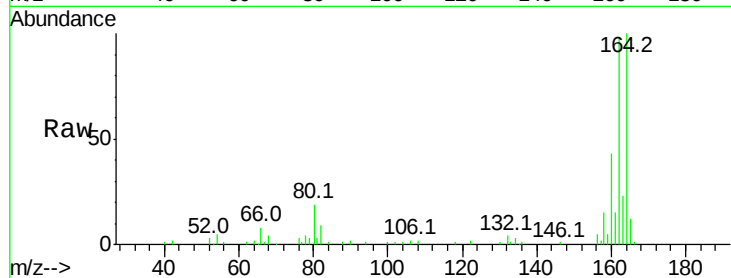




#50
 2,6-Dinitrotoluene
 Concen: 7.830 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

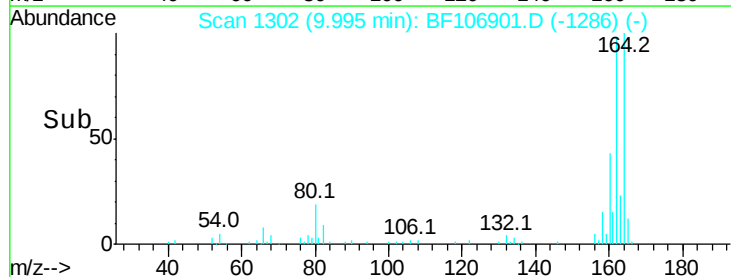
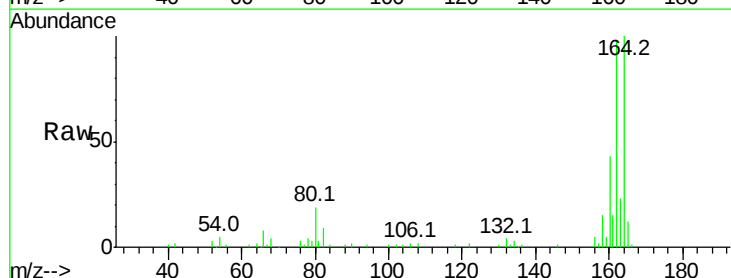
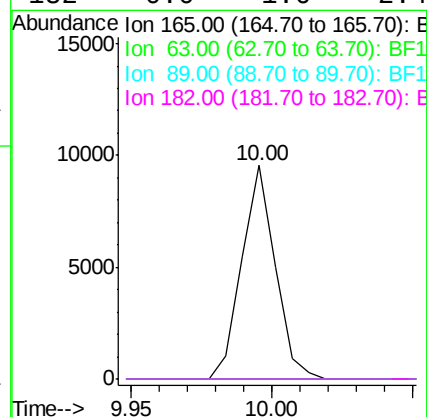
Instrument :
 BNA_F
 ClientSampleId :

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



#56
 2,4-Dinitrotoluene
 Concen: 5.999 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

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#

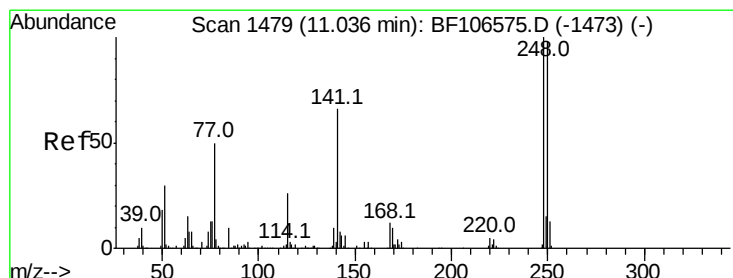
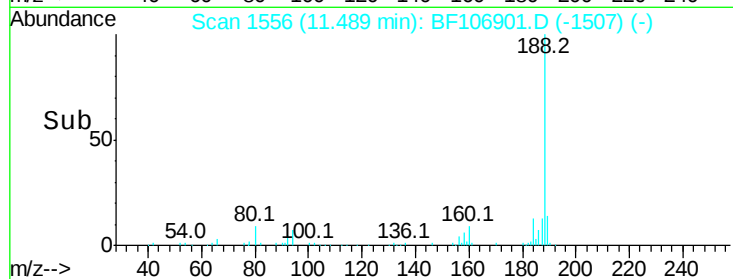
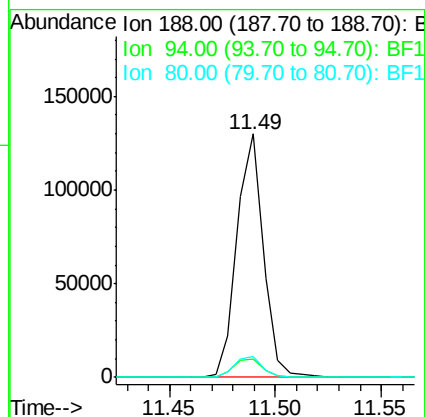
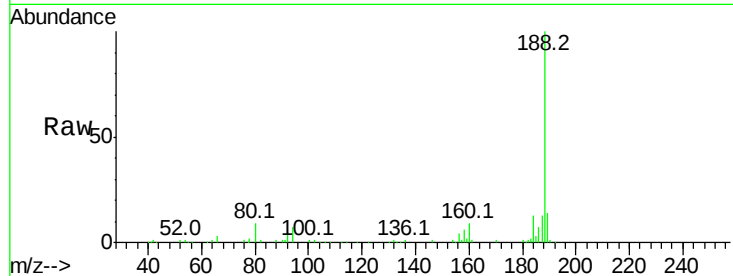




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

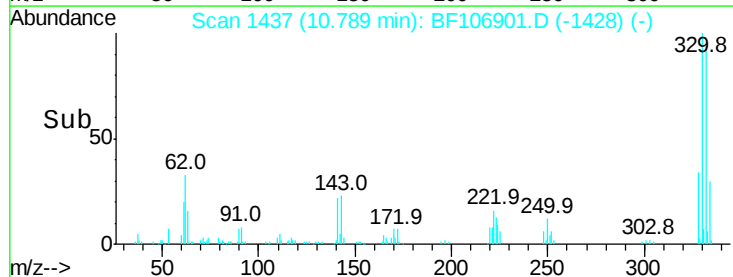
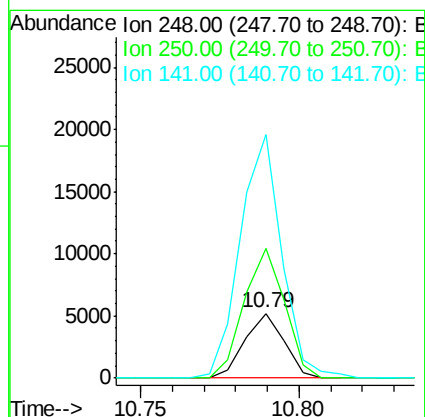
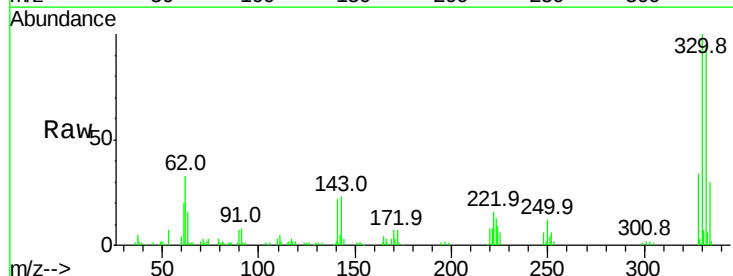
Instrument :
BNA_F
ClientSampleId :

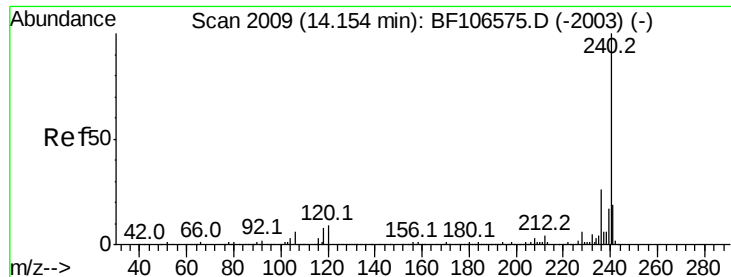
Tot Ion:188 Resp: 111839
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.330 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106901.D
Acq: 28 Jun 2018 5:07

Tgt Ion:248 Resp: 4445
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 377.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

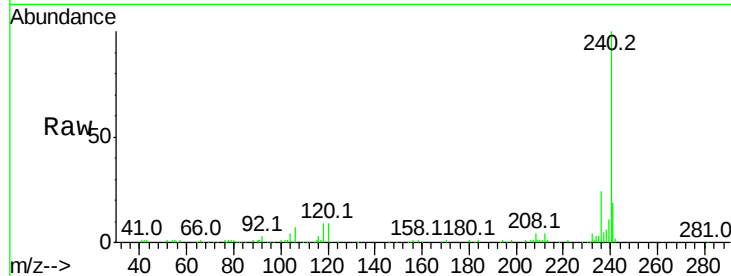
Tot Ion:240 Resp: 131669

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

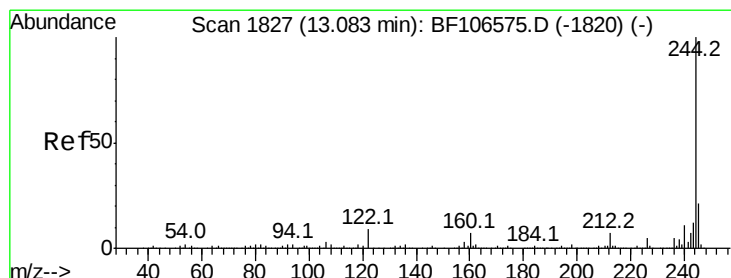
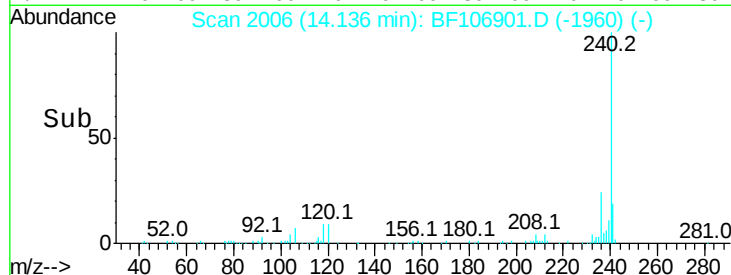
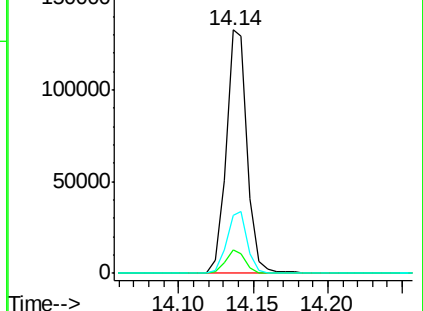
236 24.0 20.7 31.1



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: 74.425 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106901.D

Acq: 28 Jun 2018 5:07

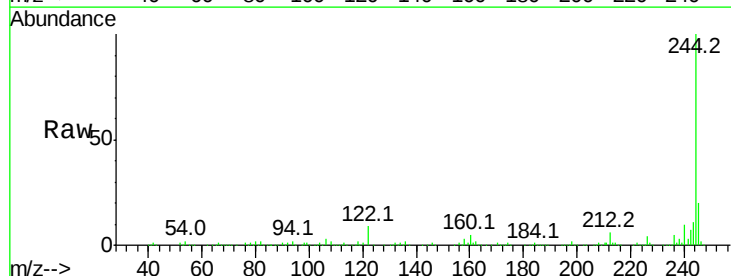
Tgt Ion:244 Resp: 404554

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

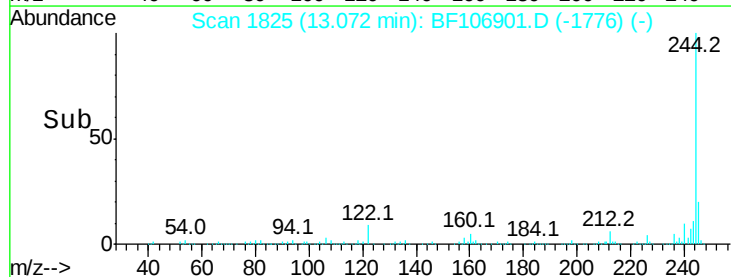
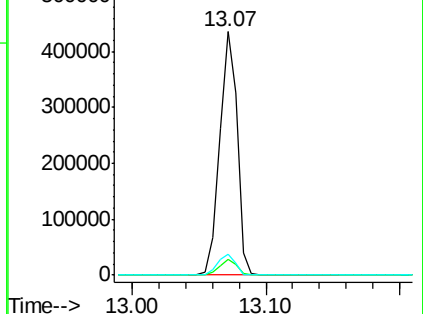
122 8.8 11.0 16.4#

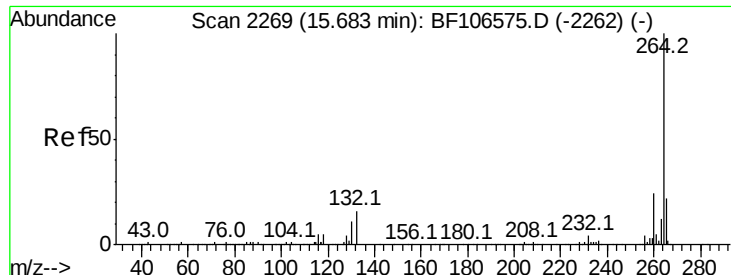


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

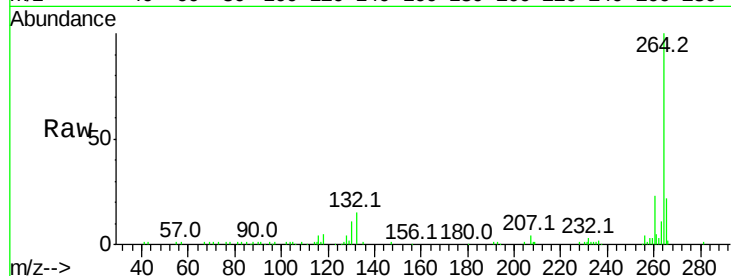




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106901.D
 Acq: 28 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	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

