

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106892.D
 Acq On : 28 Jun 2018 1:09
 Operator : JU/SJ
 Sample : J3693-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:04:20 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

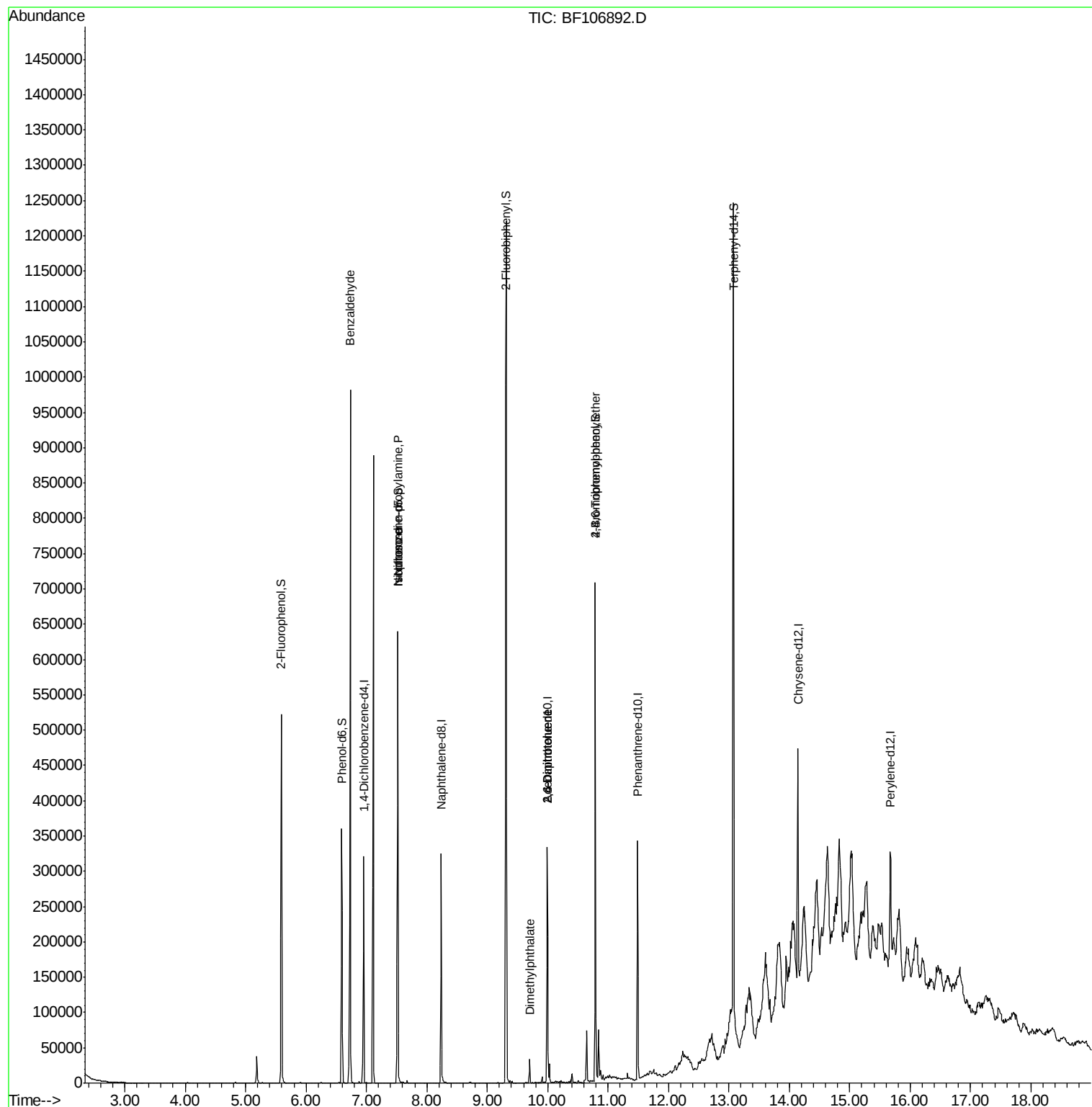
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	43503	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	151948	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	64201	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	117667	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	120197	20.00	ng	-0.02
86) Perylene-d12	15.67	264	83534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	153336	59.68	ng	-0.01
7) Phenol-d6	6.59	99	115579	36.02	ng	-0.02
23) Nitrobenzene-d5	7.52	82	246377	90.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	103651	139.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	409744	112.86	ng	-0.01
78) Terphenyl-d14	13.08	244	485387	97.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	5595	2.080	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	32140	15.198	ng	# 73
25) Isophorone	7.52	82	246375	51.136	ng	# 64
49) Dimethylphthalate	9.70	163	13026	2.705	ng	99
50) 2,6-Dinitrotoluene	9.99	165	8164	8.007	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	8164	6.134	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	6260	4.458	ng	# 1

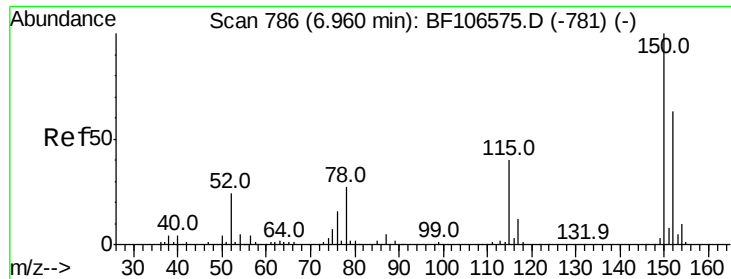
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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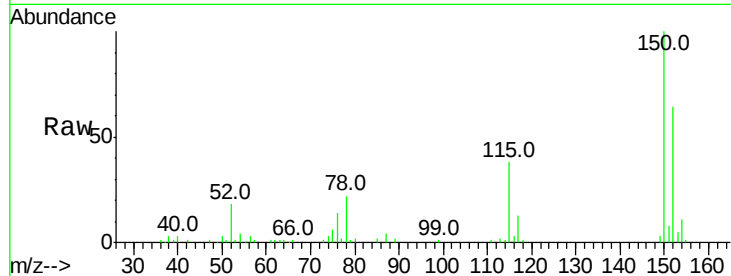


#1

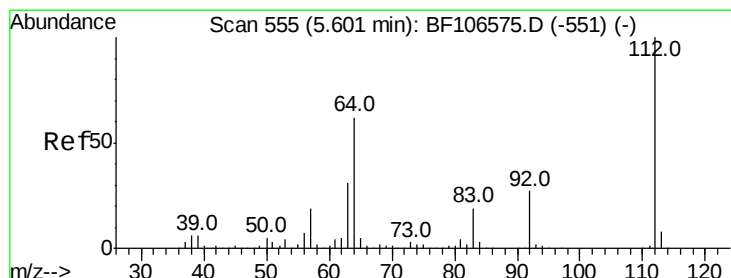
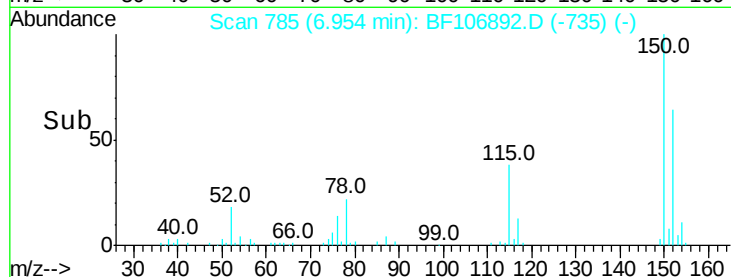
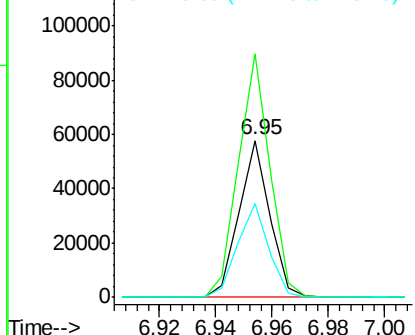
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43503
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.5 50.1 75.1



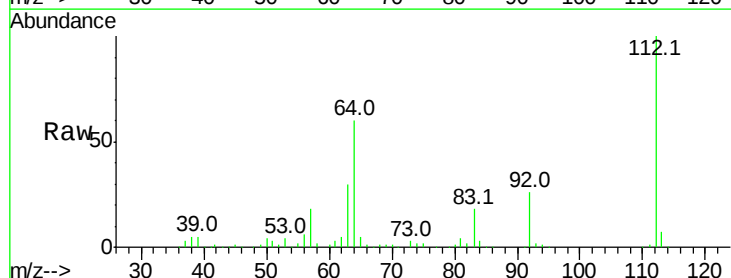
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



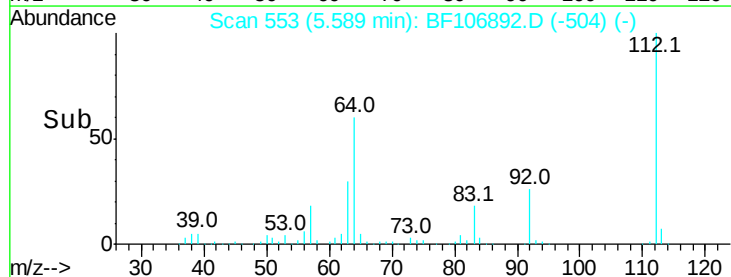
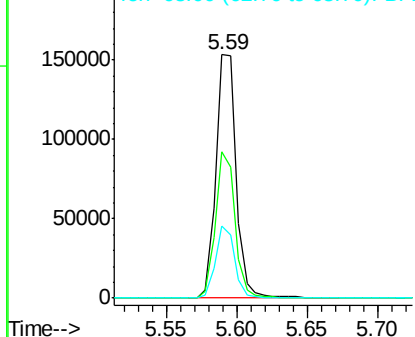
#5

2-Fluorophenol
Concen: 59.685 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Tgt Ion:112 Resp: 153336
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 29.9 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: 36.025 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106892.D

Acq: 28 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

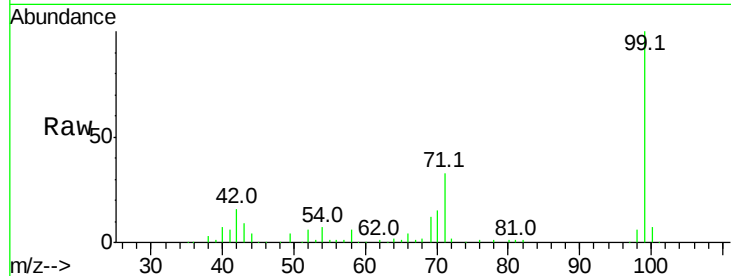
Tot Ion: 99 Resp: 115579

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

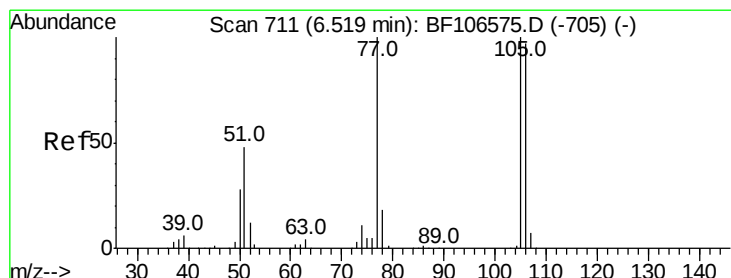
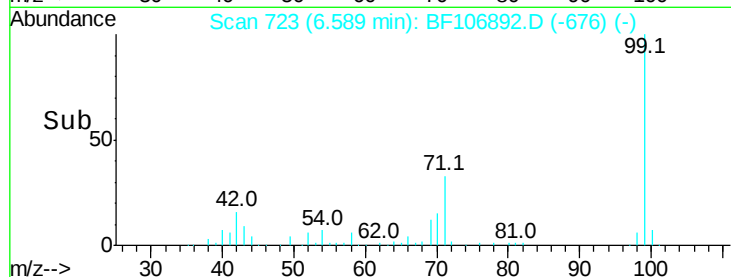
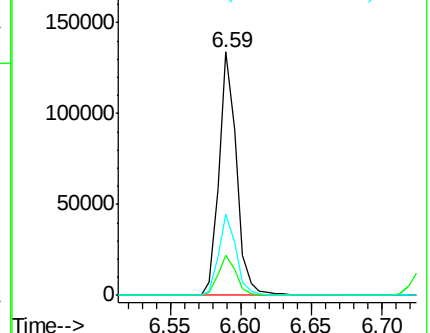
71 33.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.080 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106892.D

Acq: 28 Jun 2018 1:09

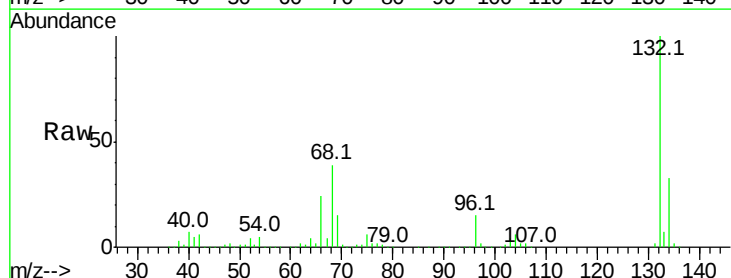
Tgt Ion: 77 Resp: 5595

Ion Ratio Lower Upper

77 100

105 89.3 81.1 121.1

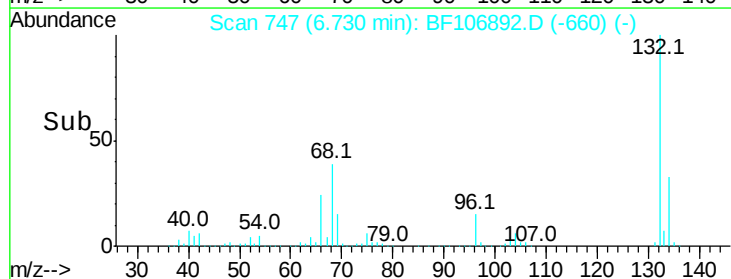
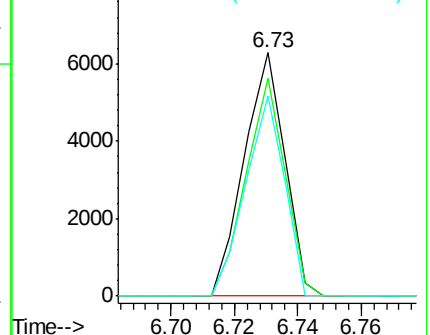
106 82.4 74.5 114.5

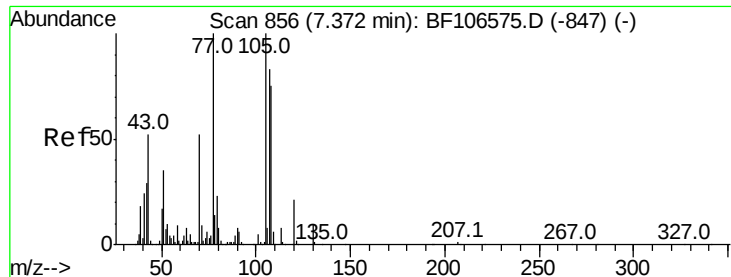


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

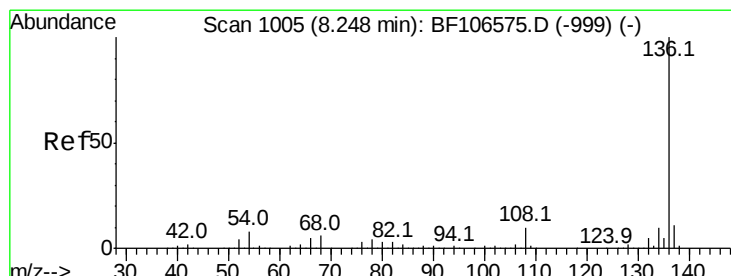
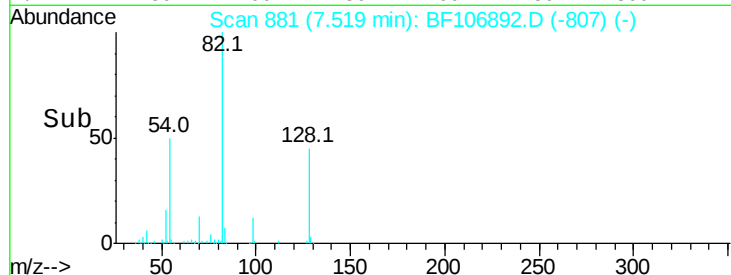
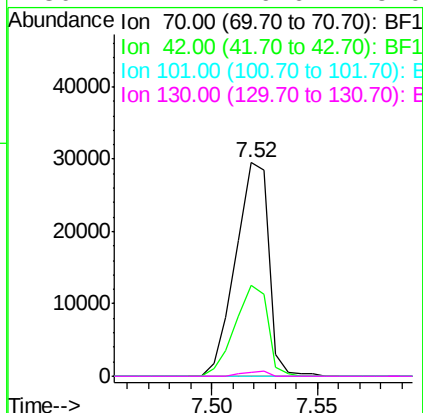
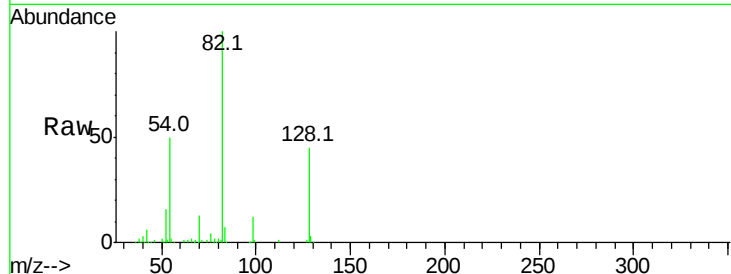




#19
n-Nitroso-di-n-propylamine
Concen: 15.198 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

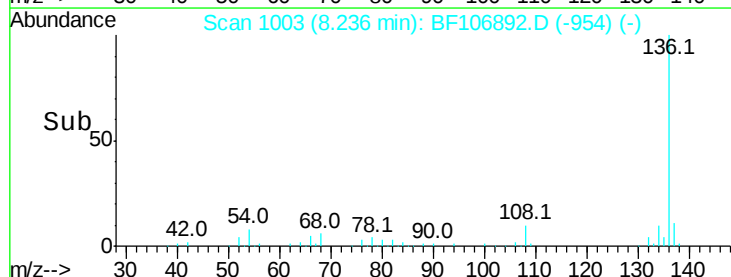
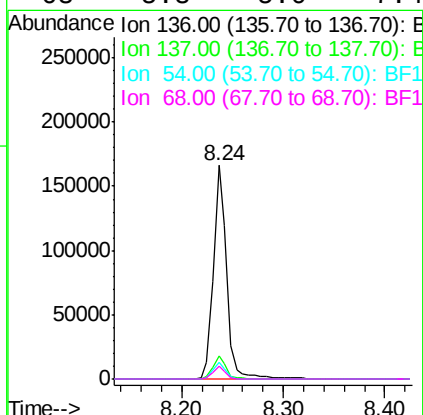
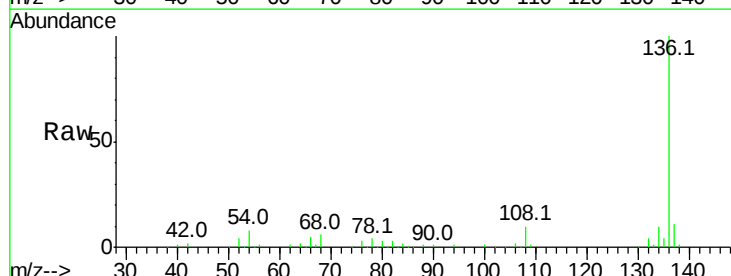
Instrument :
BNA_F
ClientSampleId :

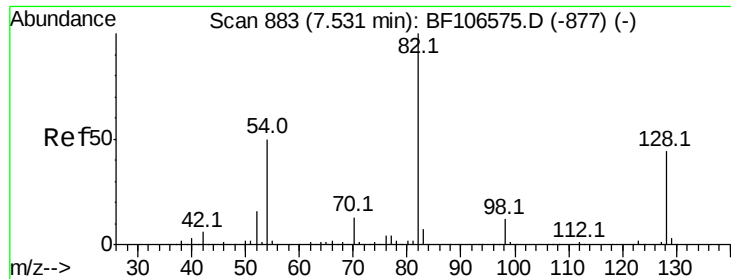
Tot Ion: 70 Resp: 32140
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Tgt Ion: 136 Resp: 151948
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 6.6 9.8
68 5.8 5.0 7.4

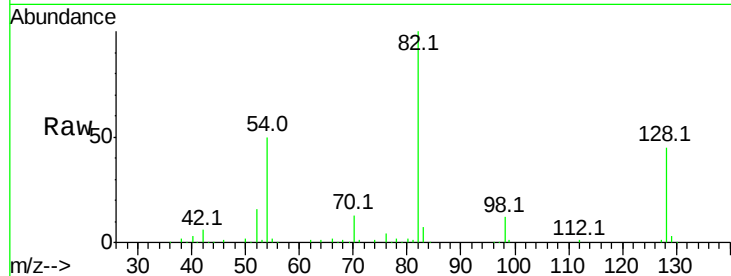




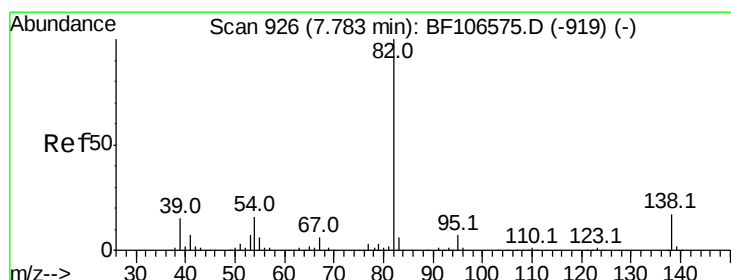
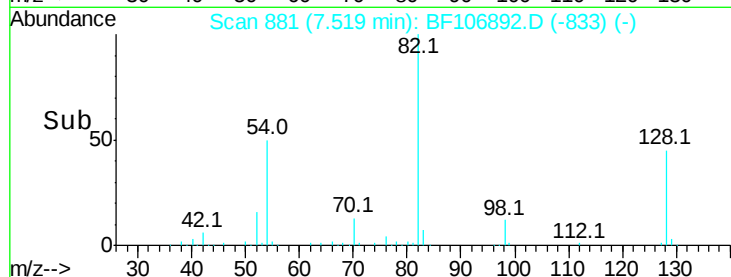
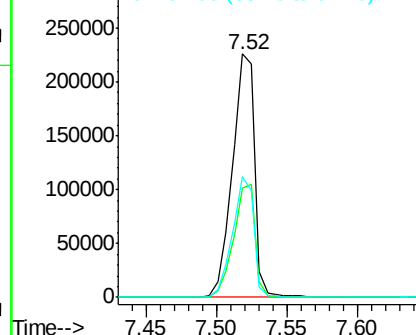
#23
 Nitrobenzene-d5
 Concen: 90.110 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	246377
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	49.6	41.4	62.2

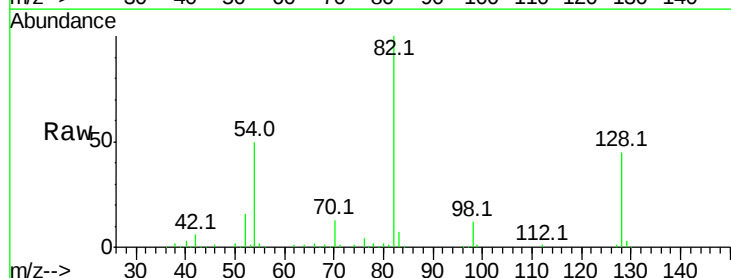


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

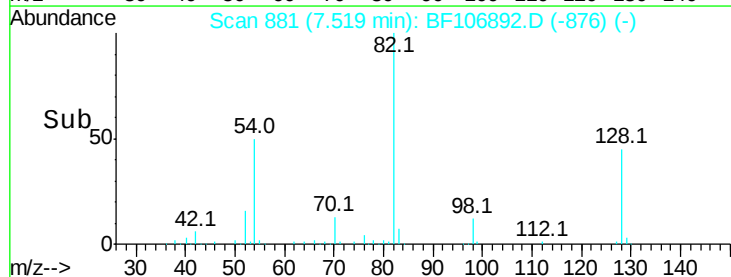
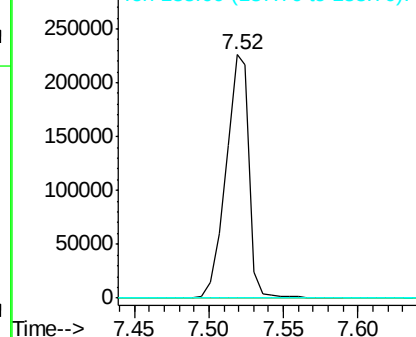


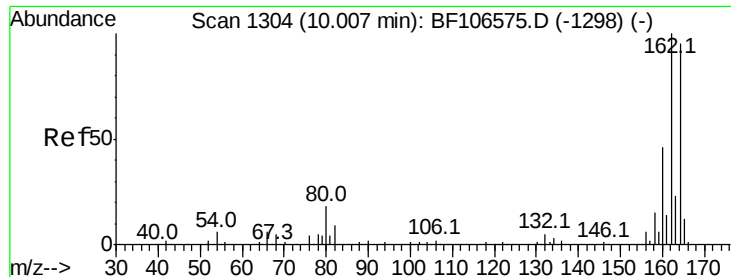
#25
 Isophorone
 Concen: 51.136 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

Tgt Ion	82	Resp	246375
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

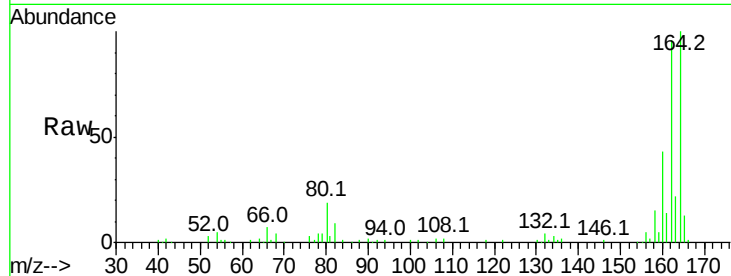




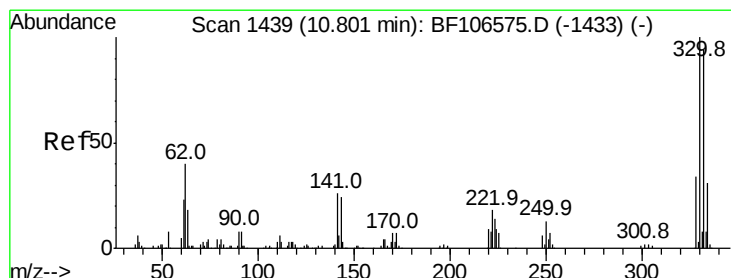
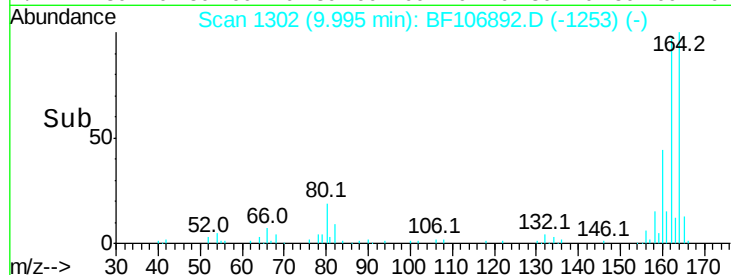
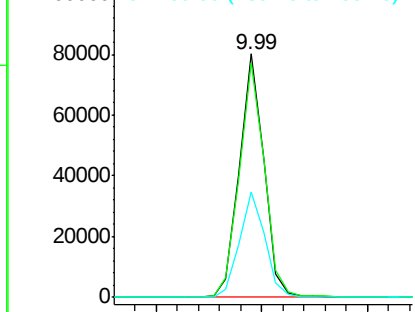
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 64201
 Ion Ratio Lower Upper
 164 100
 162 96.3 86.1 129.1
 160 43.4 38.3 57.5

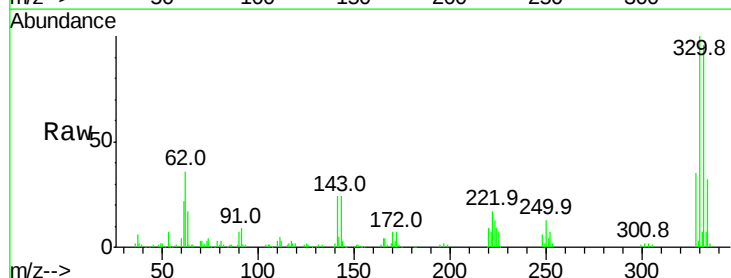


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

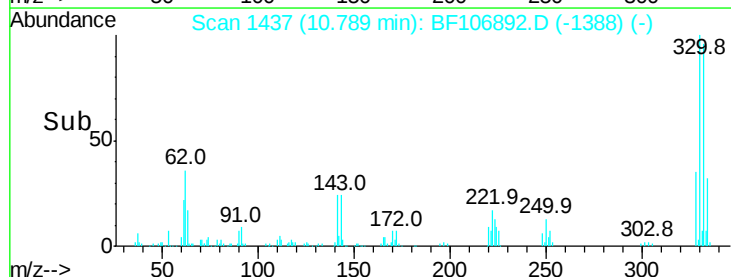
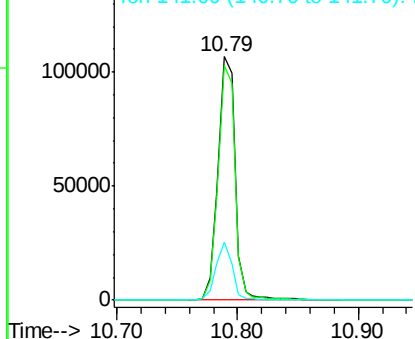


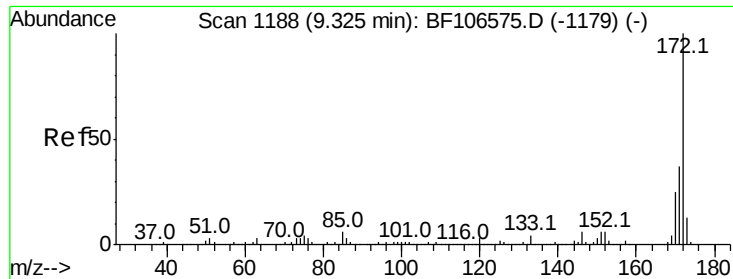
#41
 2,4,6-Tribromophenol
 Concen: 139.296 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

Tgt Ion:330 Resp: 103651
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 22.5 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

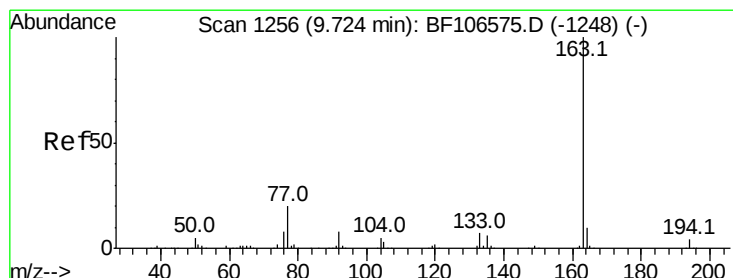
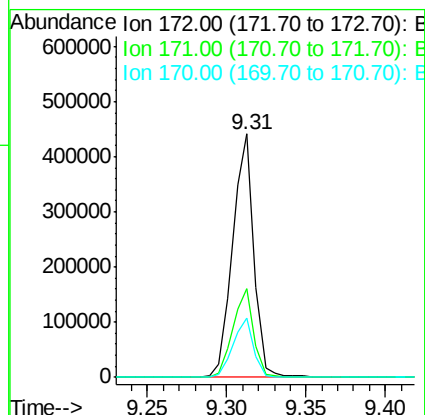
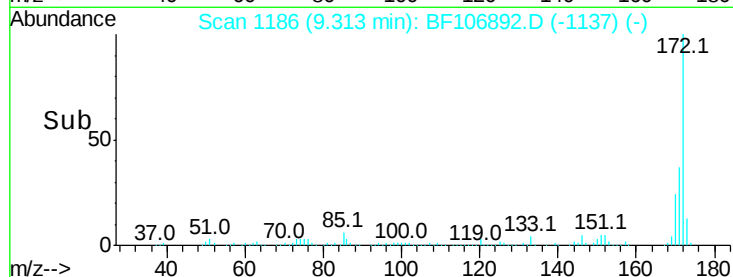
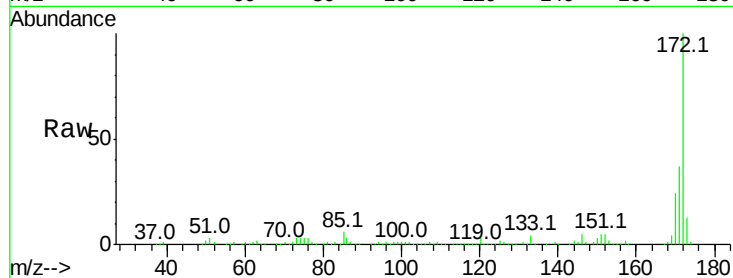




#44
2-Fluorobiphenyl
Concen: 112.862 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

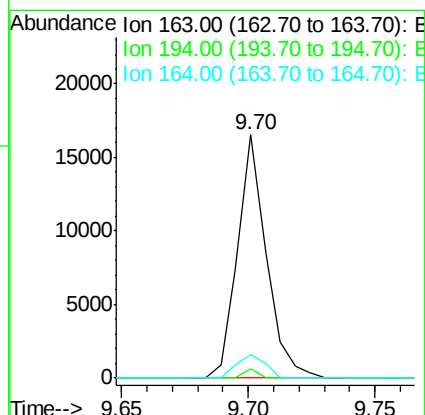
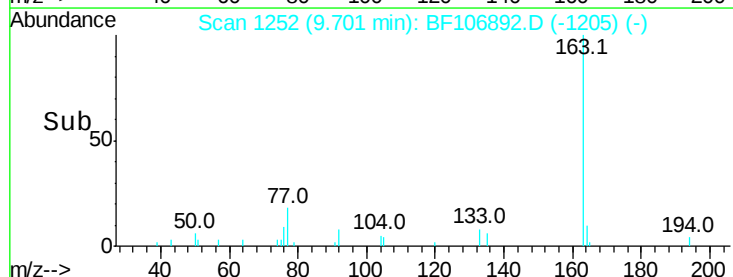
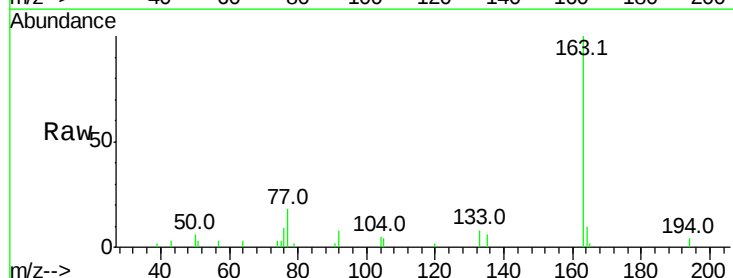
Instrument :
BNA_F
ClientSampleId :

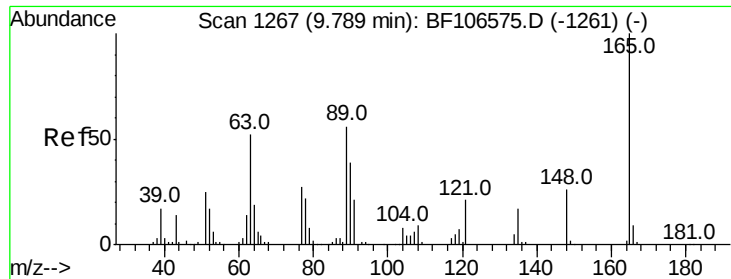
Tot Ion:172 Resp: 409744
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 2.705 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Tgt Ion:163 Resp: 13026
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

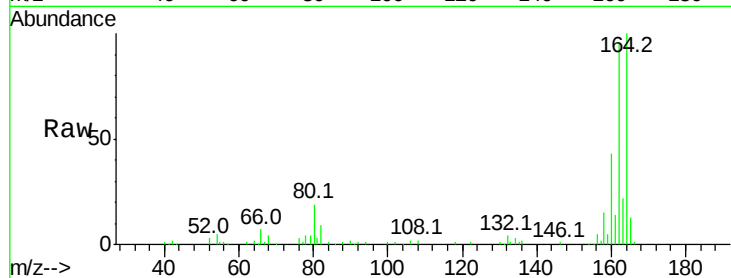




#50
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.99 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :

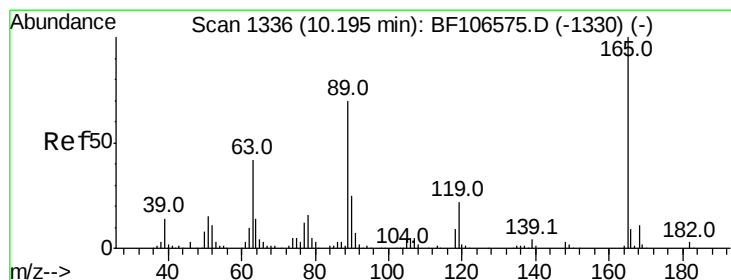
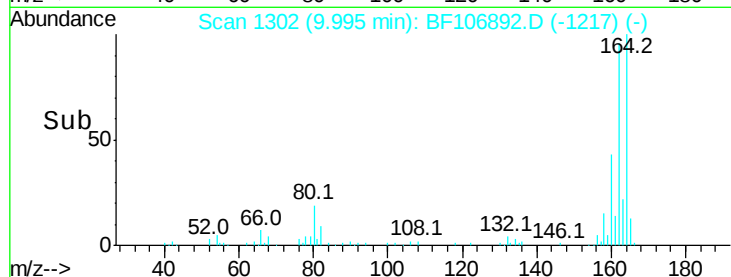
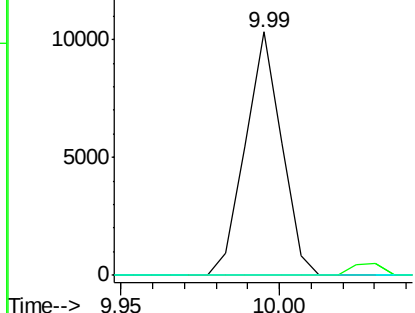
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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



#56
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 9.99 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

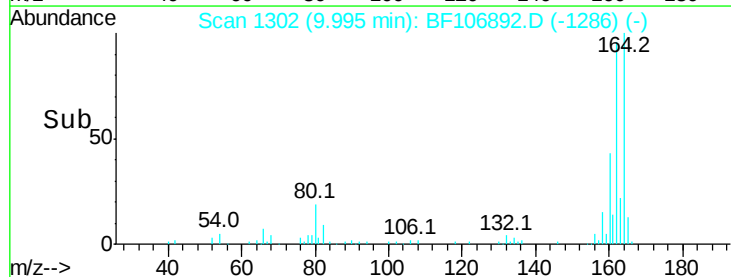
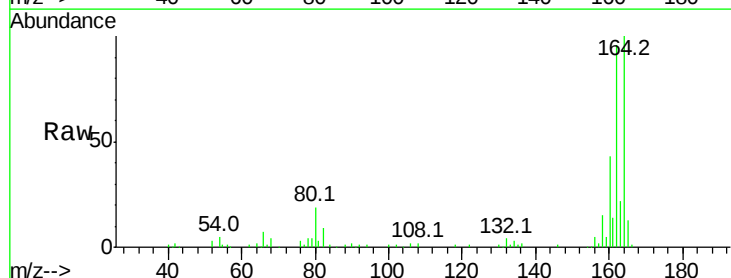
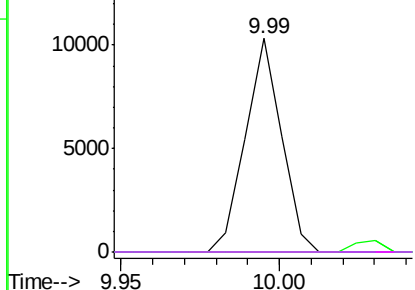
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

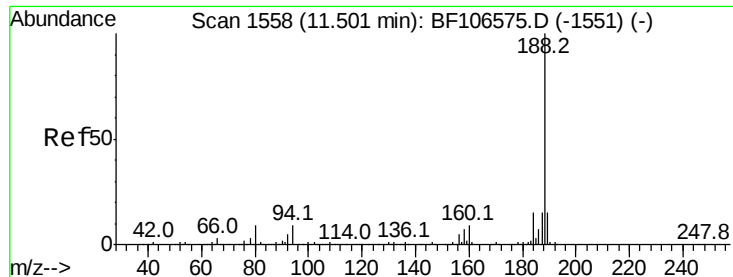
Abundance Ion 165.00 (164.70 to 165.70): E

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

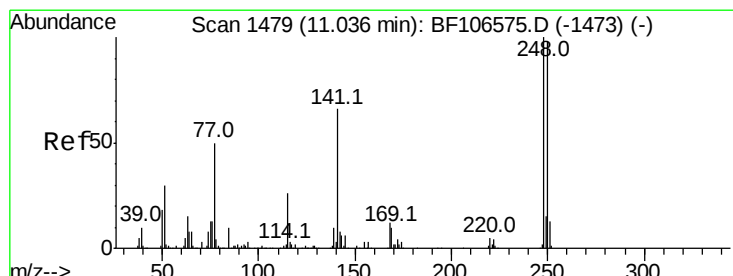
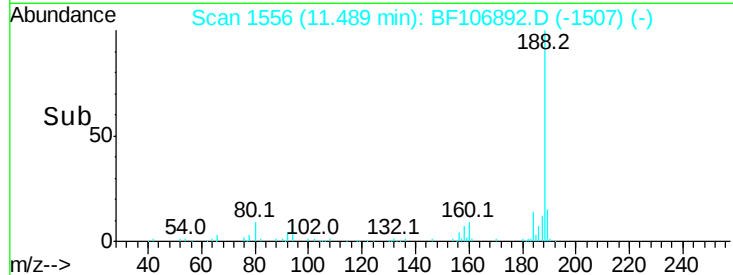
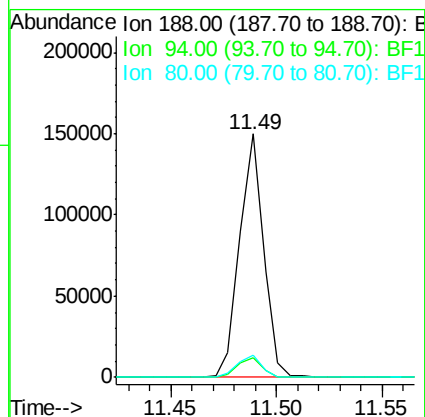
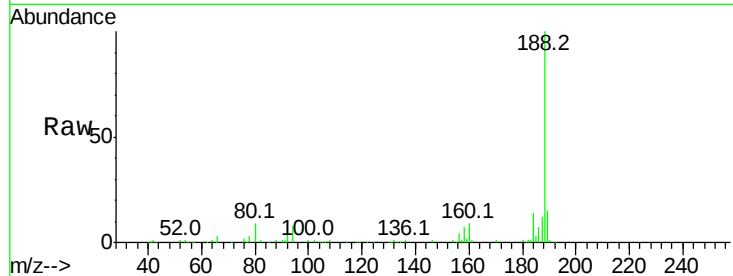




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

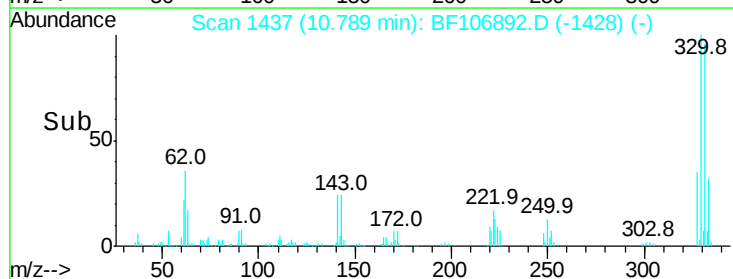
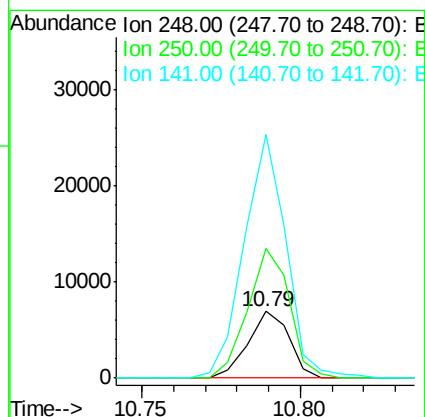
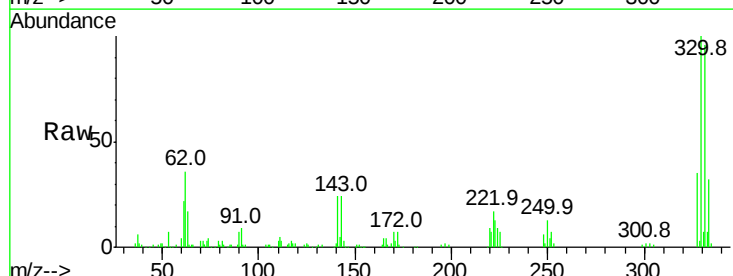
Instrument :
 BNA_F
 ClientSampleId :

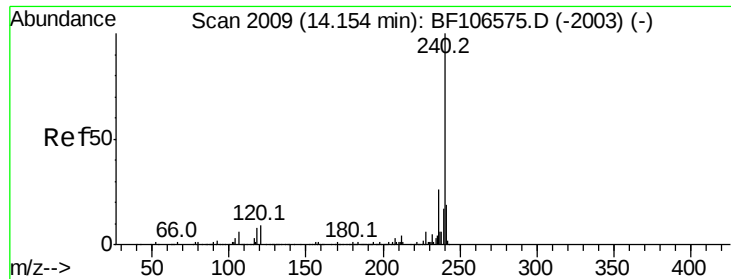
Tot Ion:188 Resp: 117667
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.5 12.7#
 80 9.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.458 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106892.D
 Acq: 28 Jun 2018 1:09

Tgt Ion:248 Resp: 6260
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.9 115.3#
 141 366.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106892.D

Acq: 28 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

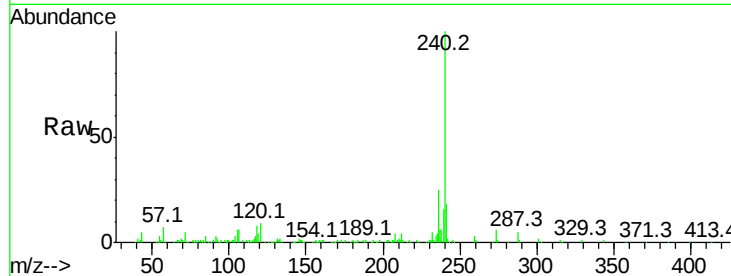
Tot Ion:240 Resp: 120197

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

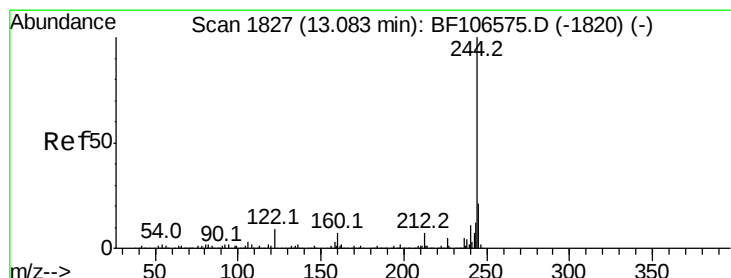
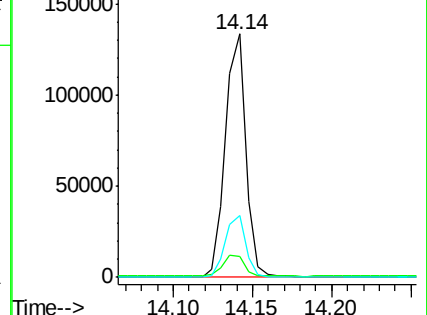
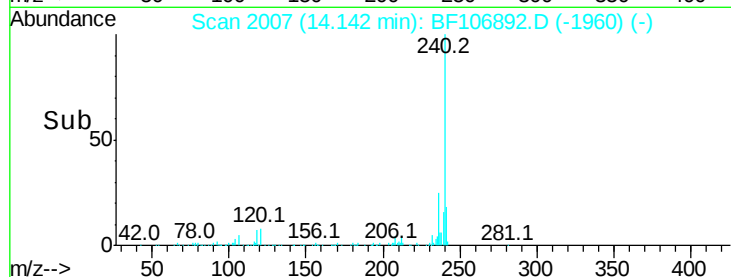
236 25.4 20.7 31.1



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: 97.819 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106892.D

Acq: 28 Jun 2018 1:09

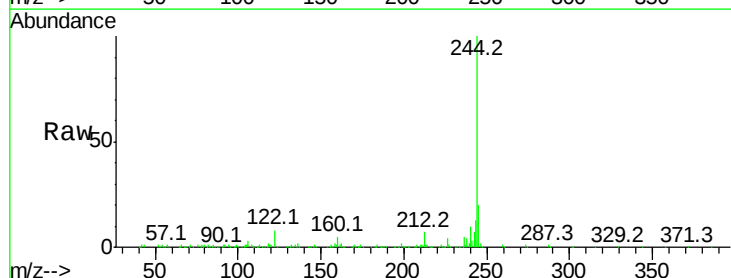
Tgt Ion:244 Resp: 485387

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

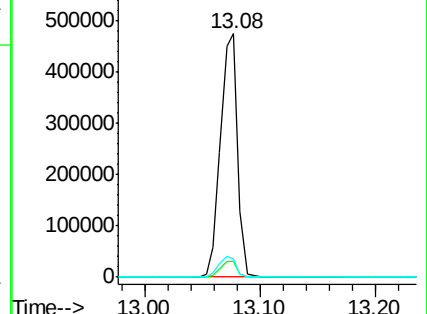
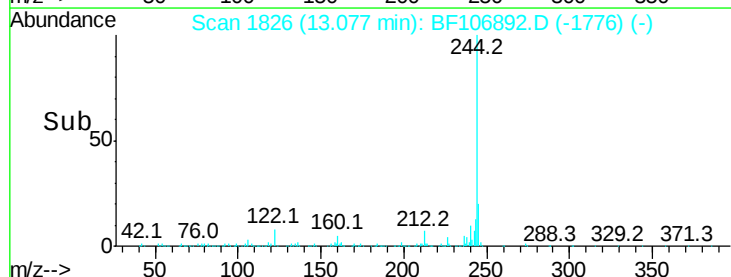
122 7.5 11.0 16.4#

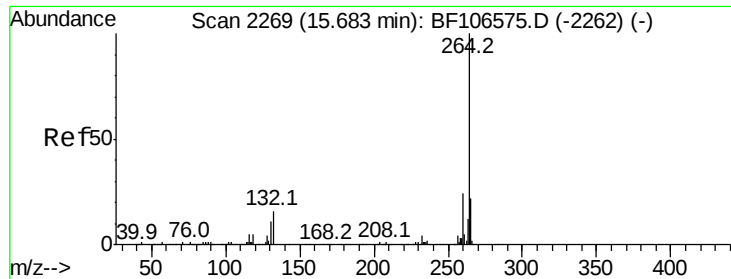


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106892.D
Acq: 28 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

