

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106896.D
 Acq On : 28 Jun 2018 2:55
 Operator : JU/SJ
 Sample : J3693-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:04:57 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

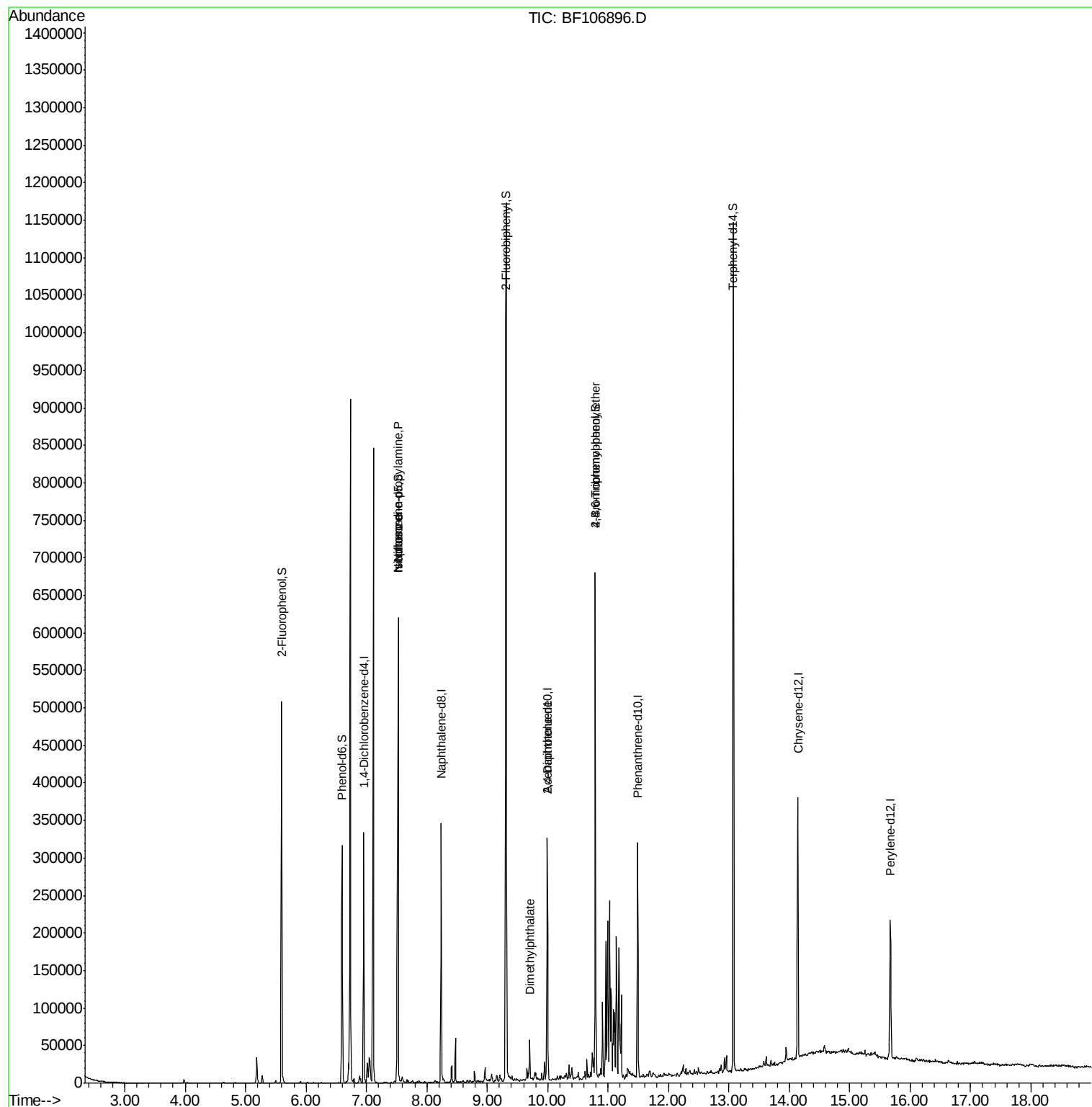
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44412	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153342	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	62729	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111308	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	130153	20.00	ng	-0.02
86) Perylene-d12	15.67	264	94031	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	139519	53.20	ng	0.00
7) Phenol-d6	6.60	99	104170	31.80	ng	-0.02
23) Nitrobenzene-d5	7.52	82	239327	86.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	97427	134.00	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	393564	110.65	ng	-0.01
78) Terphenyl-d14	13.08	244	463512	86.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31129	14.418	ng	# 70
25) Isophorone	7.52	82	239325	49.221	ng	# 64
49) Dimethylphthalate	9.70	163	19146	4.070	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	7693	5.916	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5790	4.359	ng	# 1

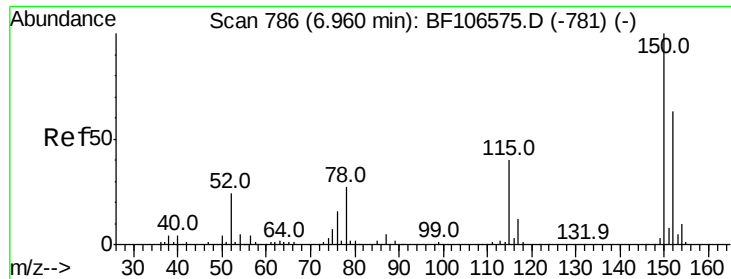
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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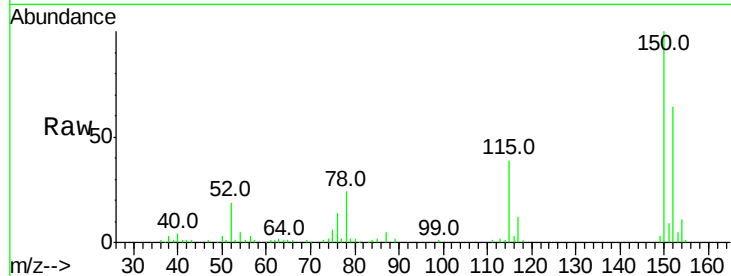


#1

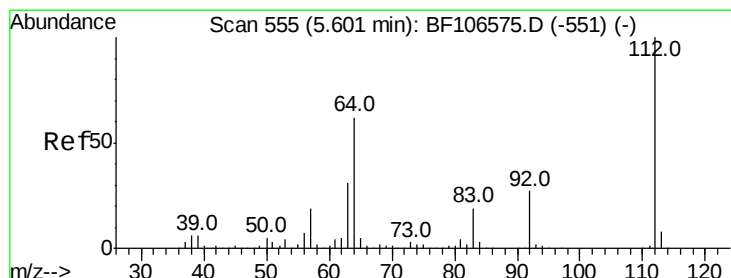
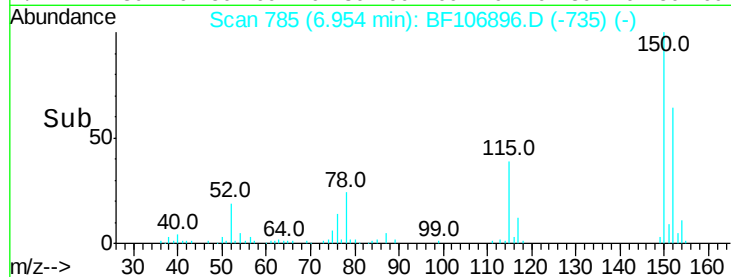
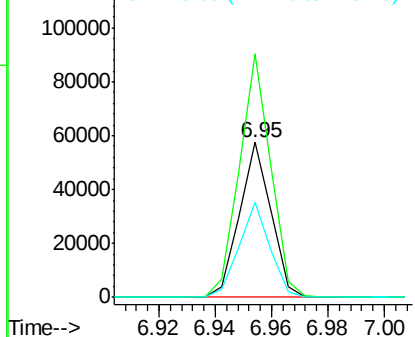
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106896.D
Acq: 28 Jun 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44412
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.2 50.1 75.1



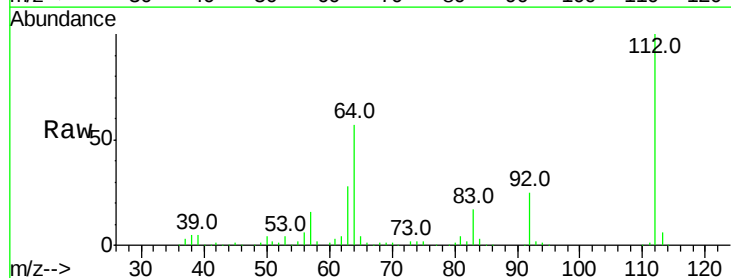
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



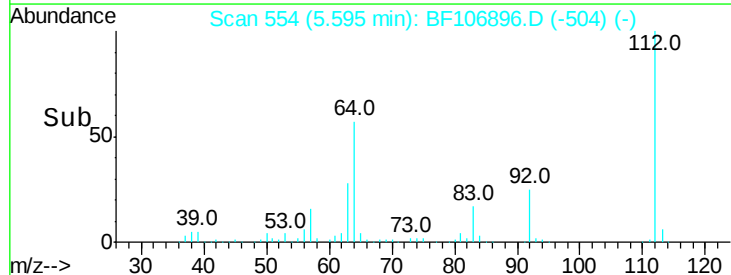
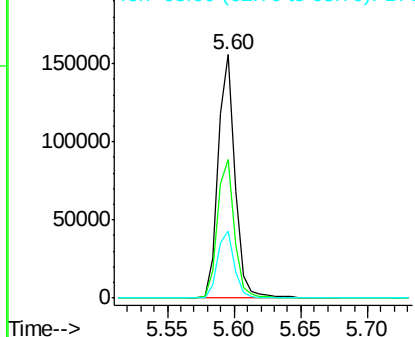
#5

2-Fluorophenol
Concen: 53.195 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106896.D
Acq: 28 Jun 2018 2:55

Tgt Ion:112 Resp: 139519
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 27.6 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: 31.804 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

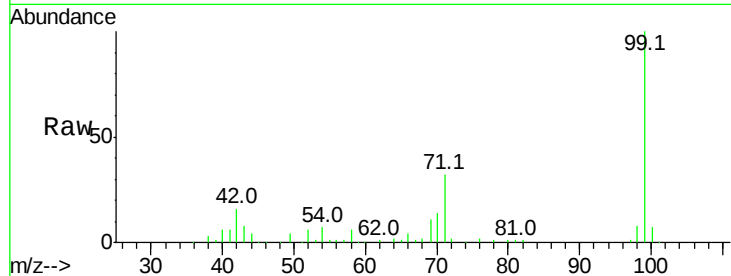
Tot Ion: 99 Resp: 104170

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

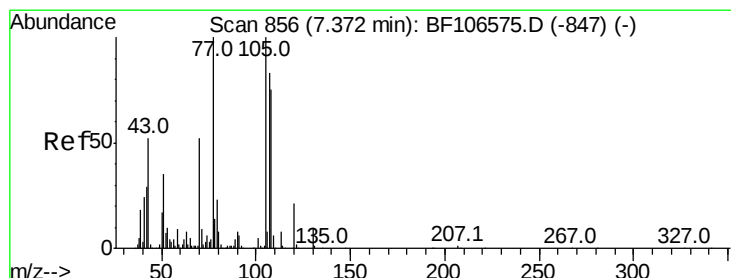
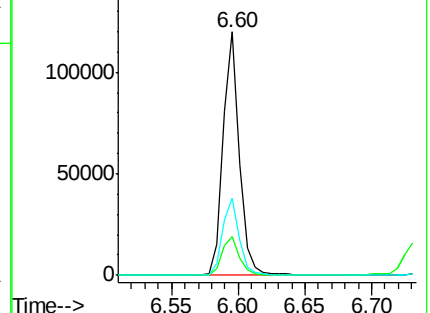
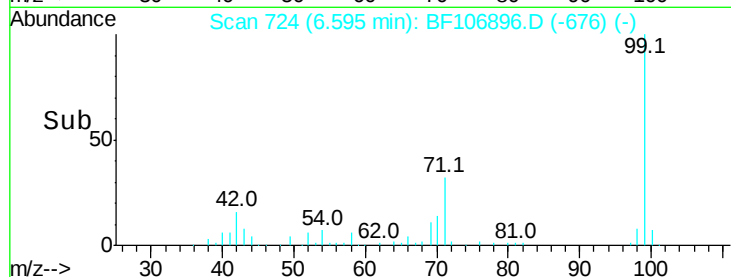
71 31.7 25.4 38.0



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: 14.418 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Tgt Ion: 70 Resp: 31129

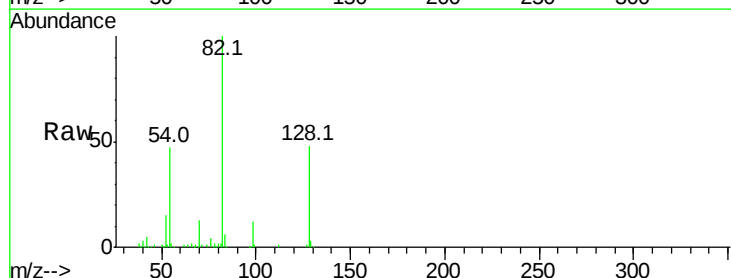
Ion Ratio Lower Upper

70 100

42 38.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

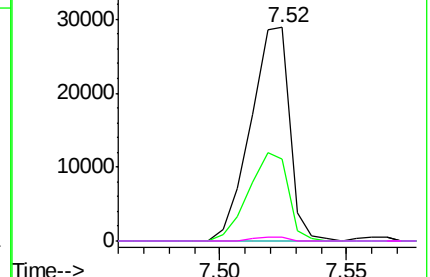
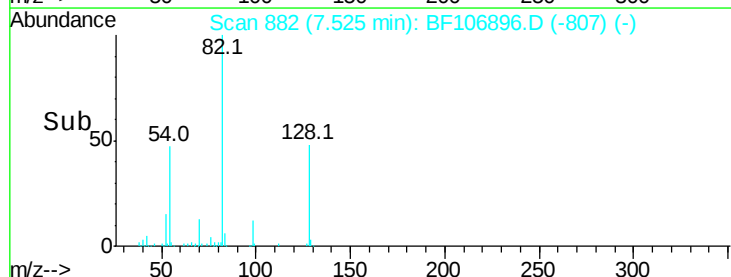


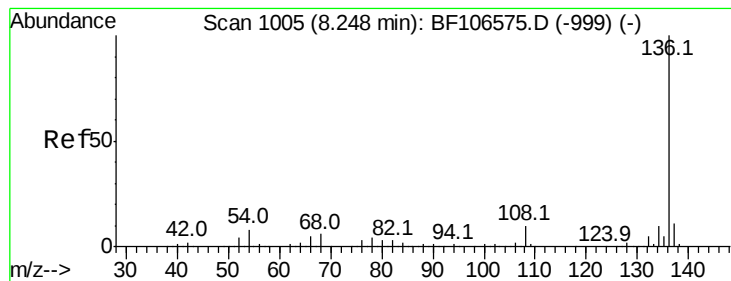
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 153342

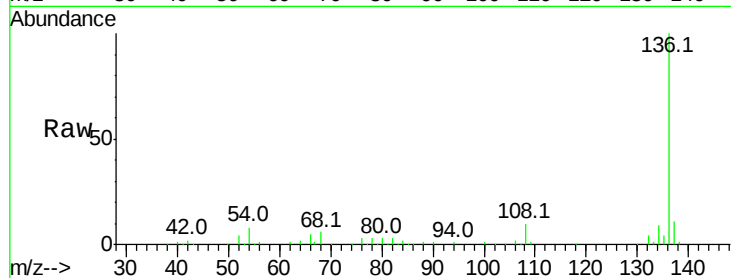
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

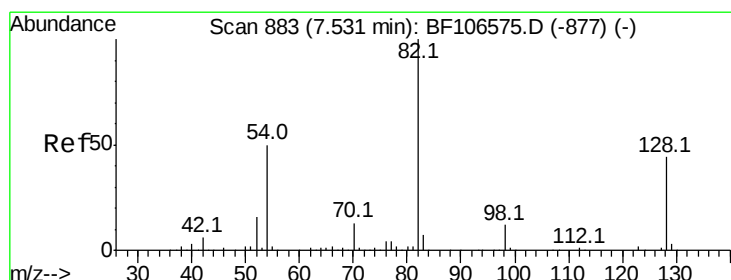
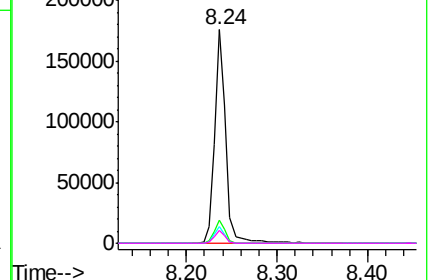
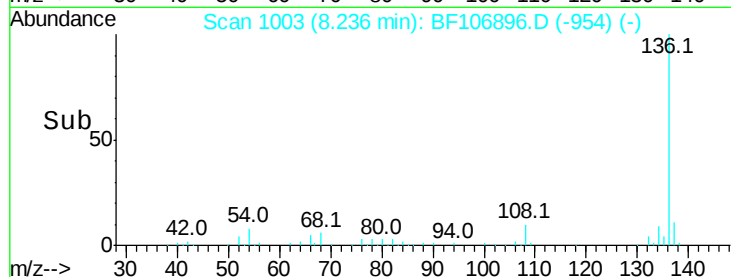


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.736 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

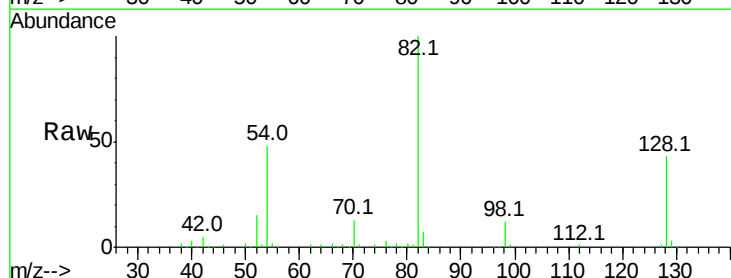
Tgt Ion: 82 Resp: 239327

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

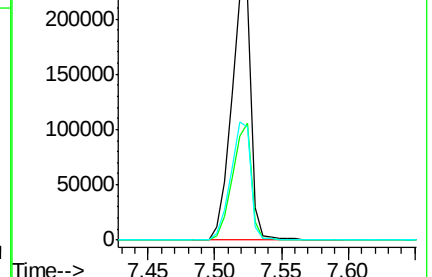
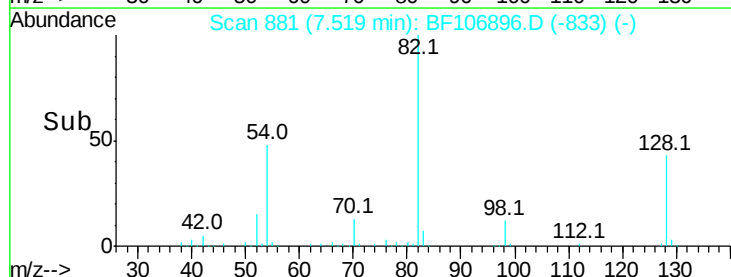
54 48.4 41.4 62.2

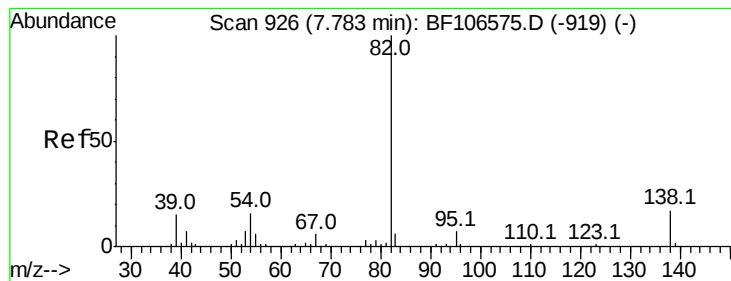


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.221 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampled :

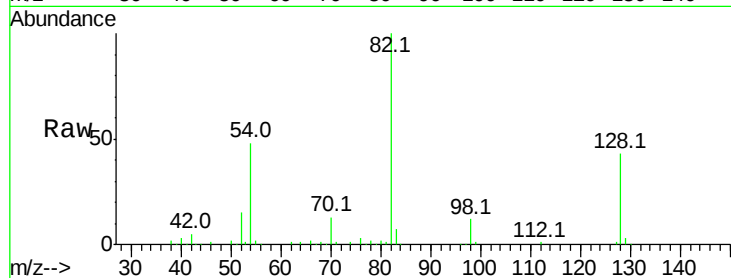
Tot Ion: 82 Resp: 239325

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

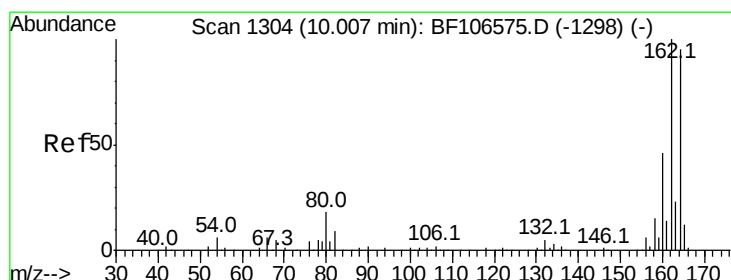
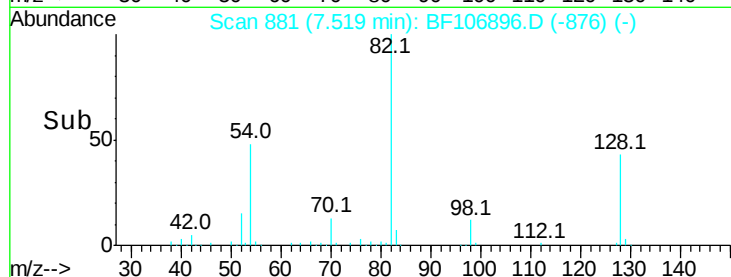
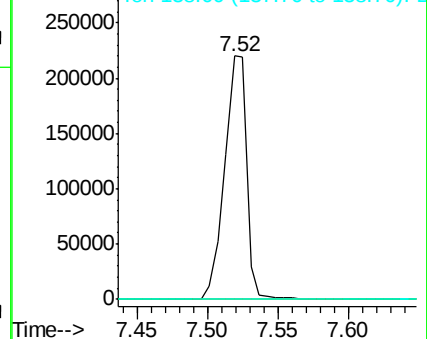
138 0.0 14.9 22.3#



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: BF106896.D

Acq: 28 Jun 2018 2:55

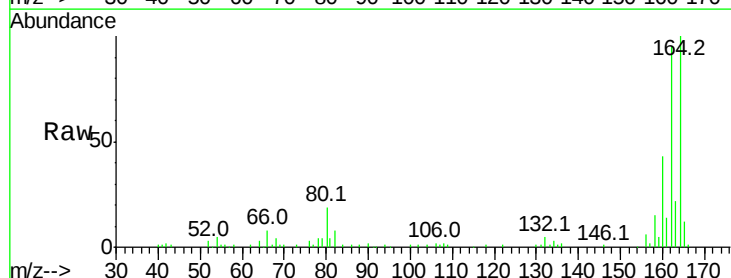
Tgt Ion:164 Resp: 62729

Ion Ratio Lower Upper

164 100

162 95.0 86.1 129.1

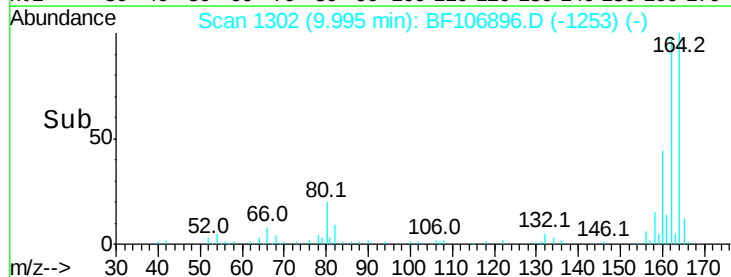
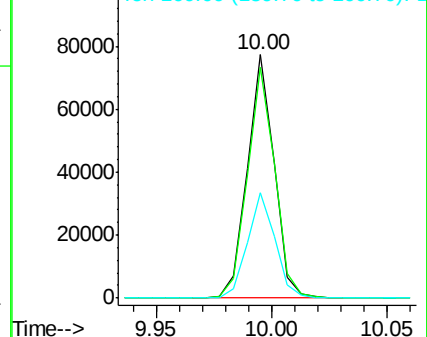
160 43.0 38.3 57.5

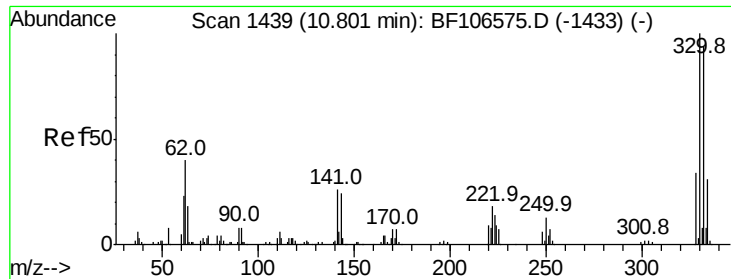


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

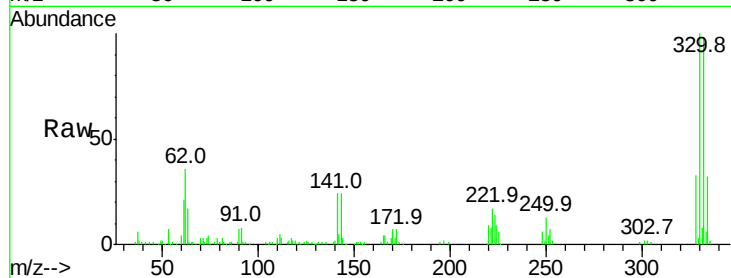




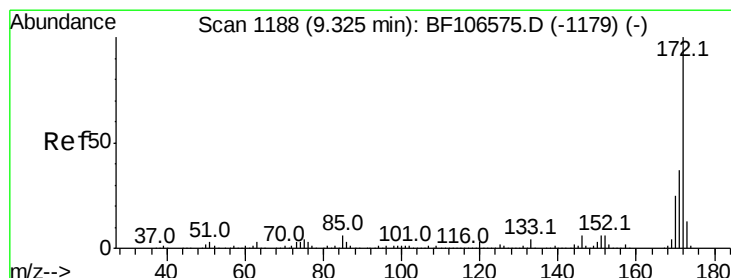
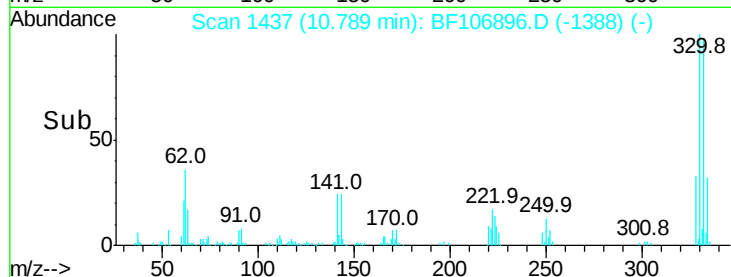
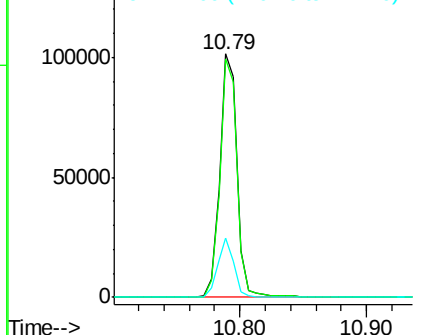
#41
 2,4,6-Tribromophenol
 Concen: 134.004 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 97427
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 23.1 29.9 44.9#

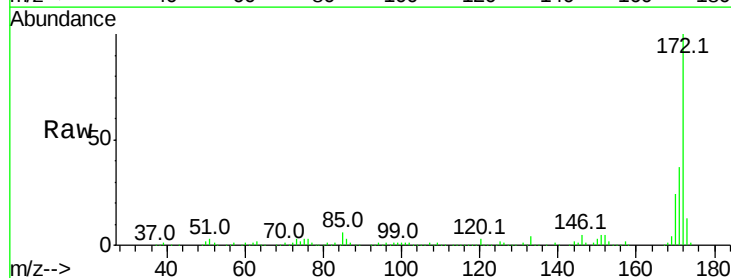


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

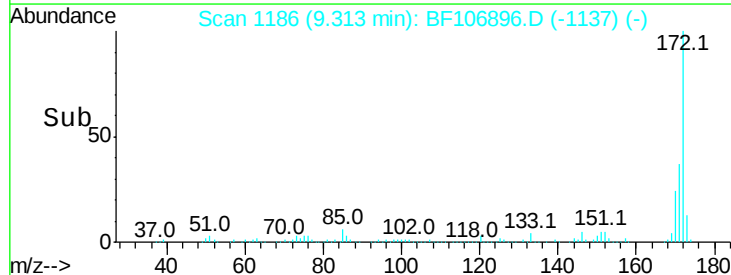
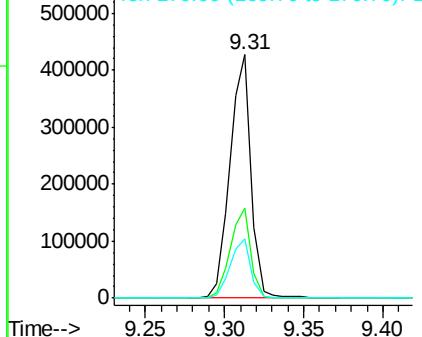


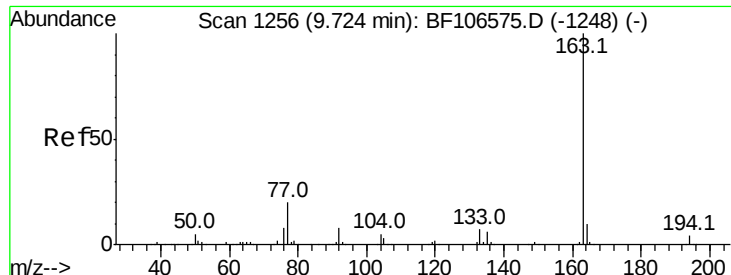
#44
 2-Fluorobiphenyl
 Concen: 110.647 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Tgt Ion:172 Resp: 393564
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 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





#49

Dimethylphthalate

Concen: 4.070 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

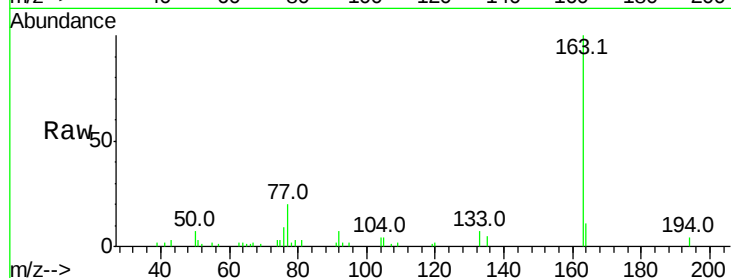
Tot Ion:163 Resp: 19146

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

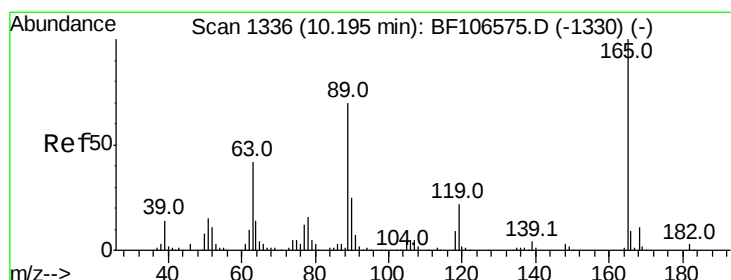
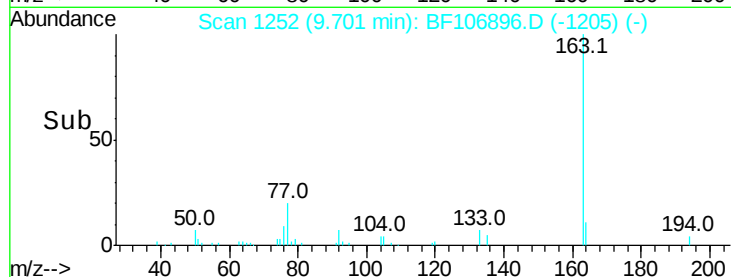
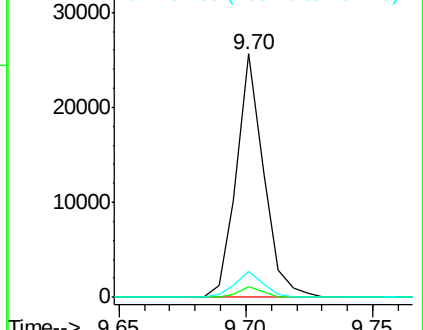
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.916 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

Tgt Ion:165 Resp: 7693

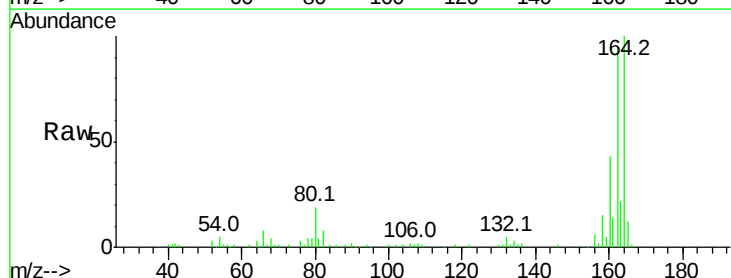
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

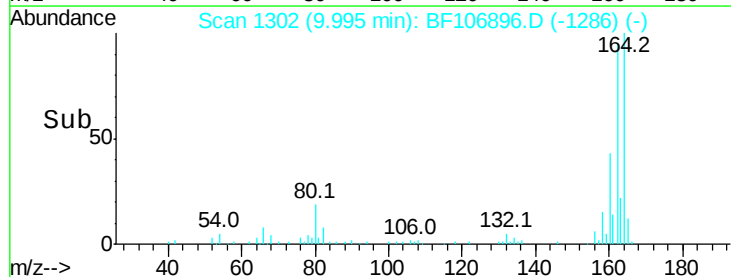
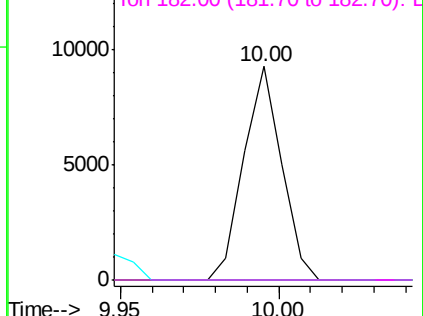


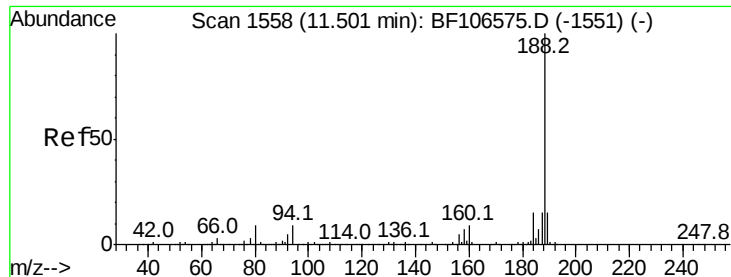
Abundance Ion 165.00 (164.70 to 165.70): E

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

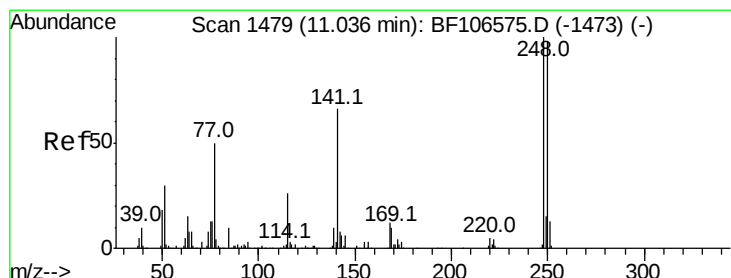
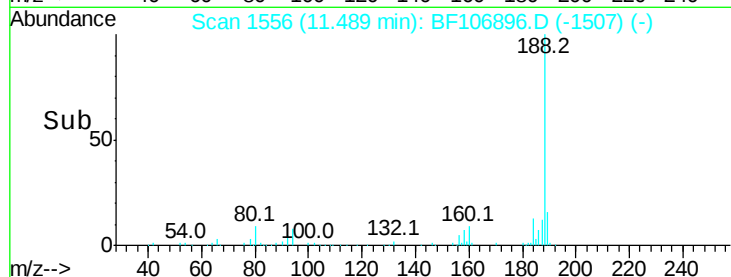
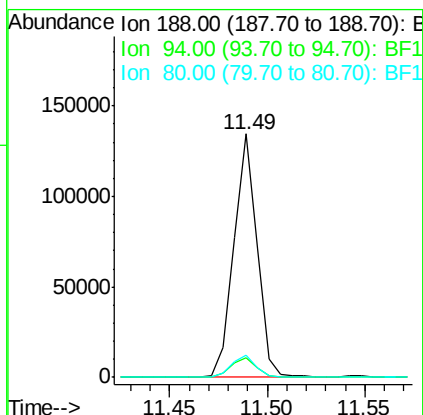
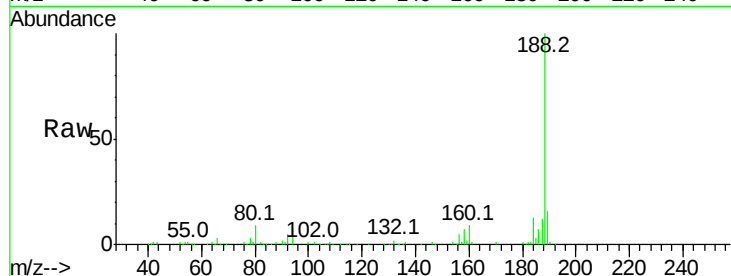




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

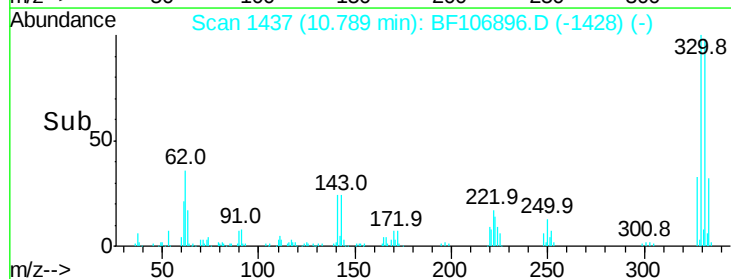
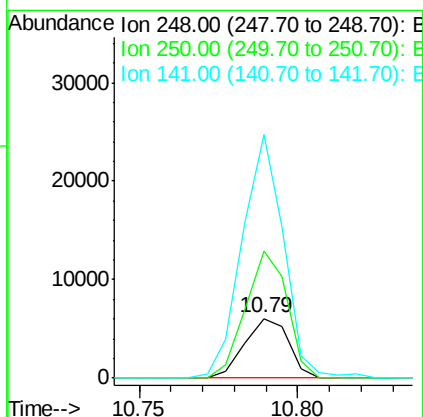
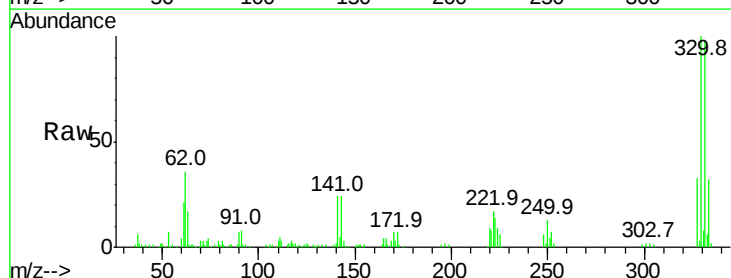
Instrument :
 BNA_F
 ClientSampleId :

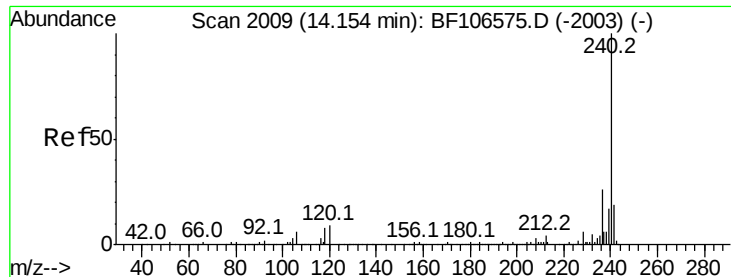
Tot Ion:188 Resp: 111308
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 9.0 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.359 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106896.D
 Acq: 28 Jun 2018 2:55

Tgt Ion:248 Resp: 5790
 Ion Ratio Lower Upper
 248 100
 250 212.1 76.9 115.3#
 141 408.0 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: BF106896.D

Acq: 28 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

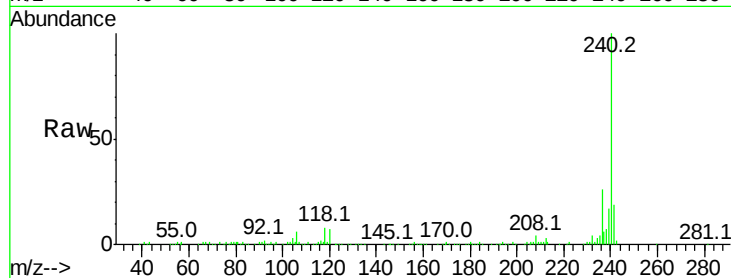
Tot Ion:240 Resp: 130153

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

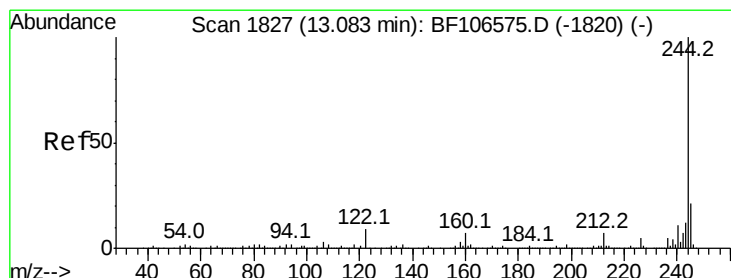
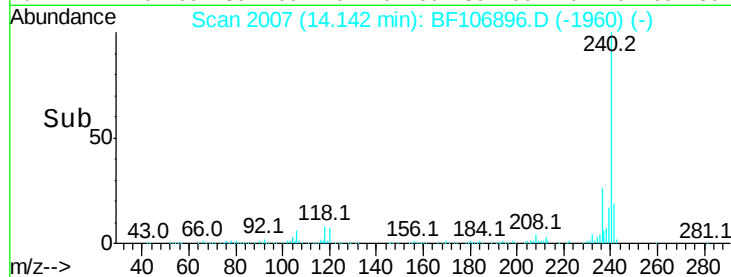
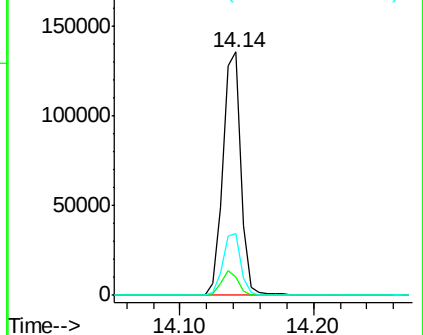
236 25.6 20.7 31.1



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: 86.265 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106896.D

Acq: 28 Jun 2018 2:55

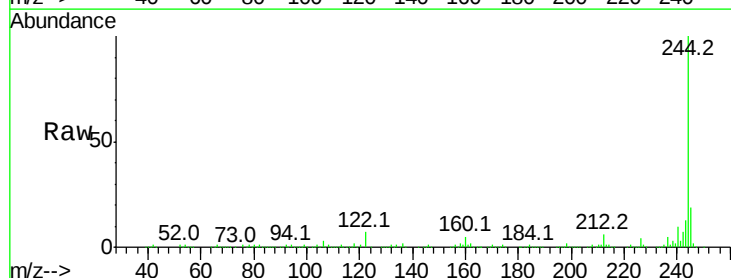
Tgt Ion:244 Resp: 463512

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

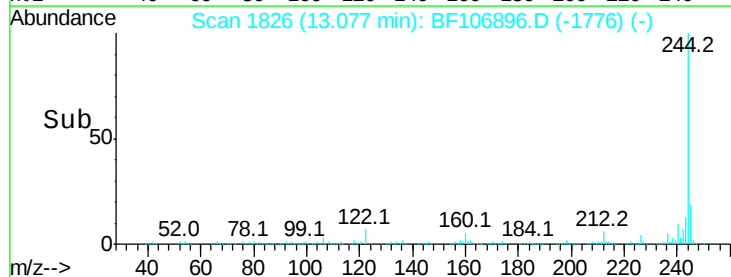
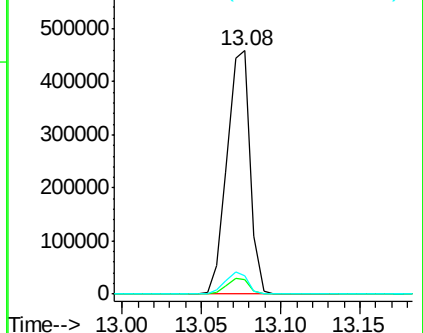
122 7.5 11.0 16.4#

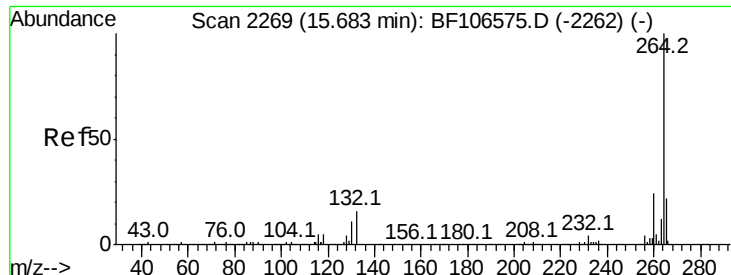


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

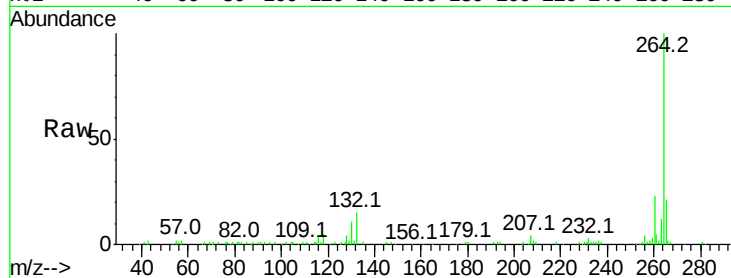




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106896.D
Acq: 28 Jun 2018 2:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

