

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106706.D
 Acq On : 22 Jun 2018 13:56
 Operator : JU/SJ
 Sample : J3606-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 14:17:31 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 22 11:34:03 2018
 Response via : Initial Calibration

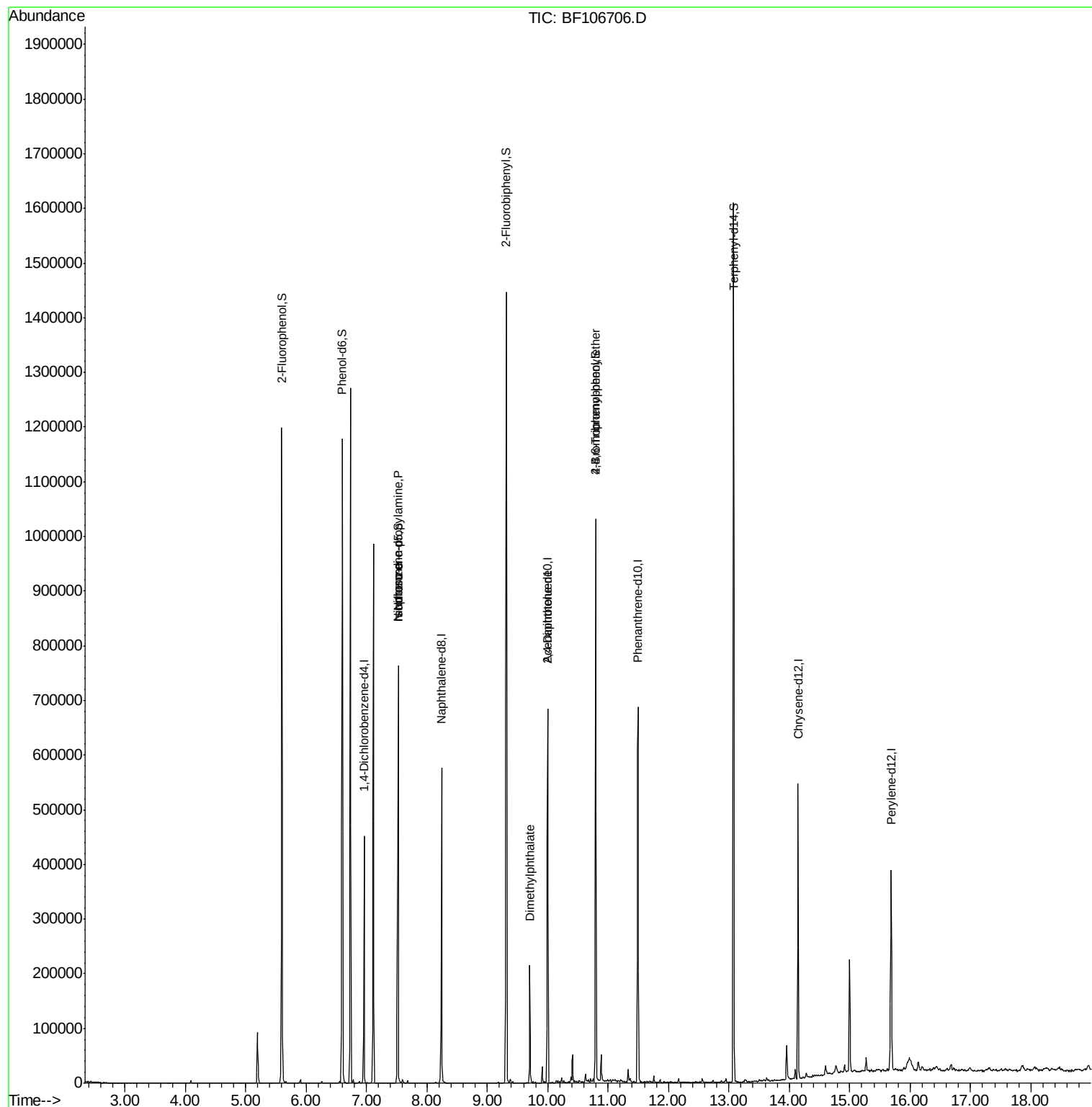
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64406	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	253225	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	134925	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	270557	20.00	ng	0.00
75) Chrysene-d12	14.14	240	192909	20.00	ng	-0.01
86) Perylene-d12	15.69	264	194578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	324801	85.39	ng	0.00
7) Phenol-d6	6.60	99	418214	88.05	ng	0.00
23) Nitrobenzene-d5	7.52	82	270768	59.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	152693	97.64	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	505400	58.87	ng	-0.01
78) Terphenyl-d14	13.08	244	572379	71.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	34955	11.164	ng	# 73
25) Isophorone	7.52	82	270766	33.722	ng	# 64
49) Dimethylphthalate	9.71	163	80858	7.990	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	16960	6.064	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9410	2.914	ng	# 1

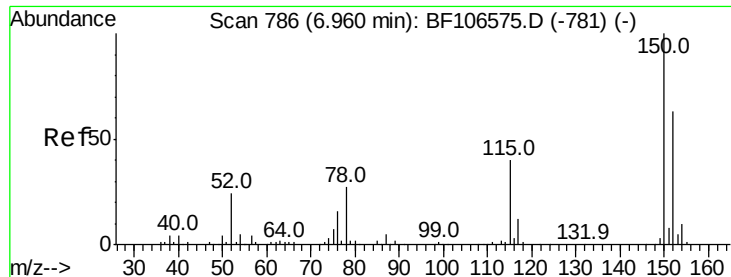
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106706.D
Acq On : 22 Jun 2018 13:56
Operator : JU/SJ
Sample : J3606-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 14:17:31 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 22 11:34:03 2018
Response via : Initial Calibration



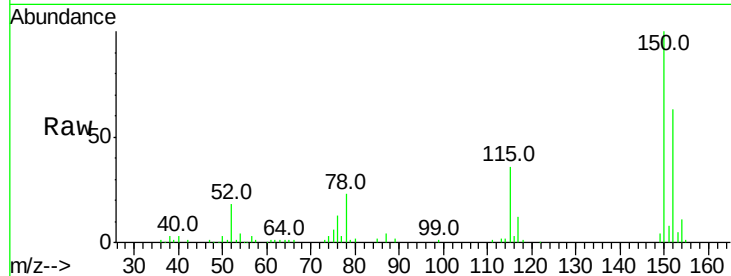


#1

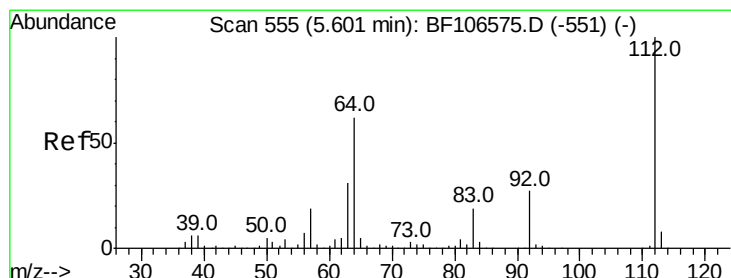
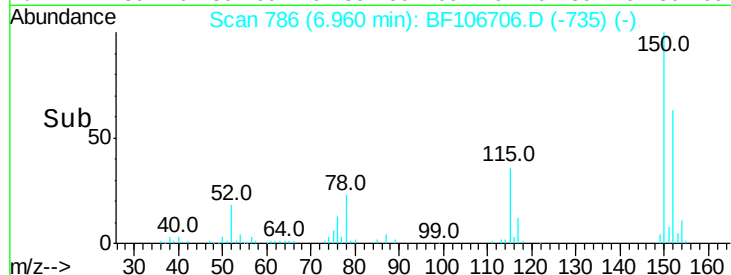
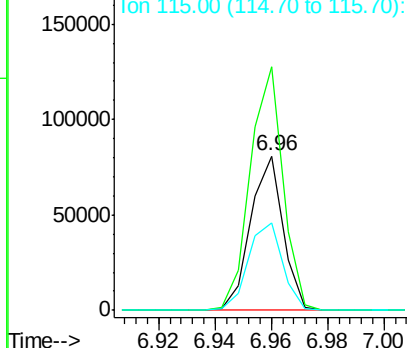
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64406
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 56.6 50.1 75.1



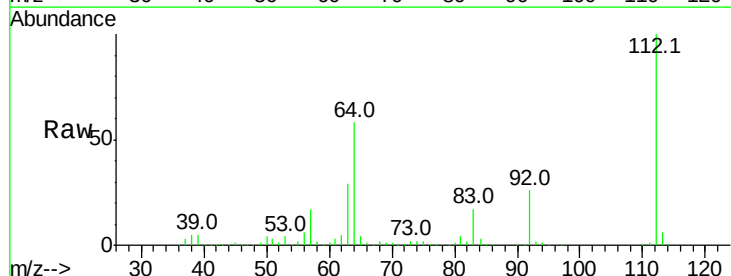
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



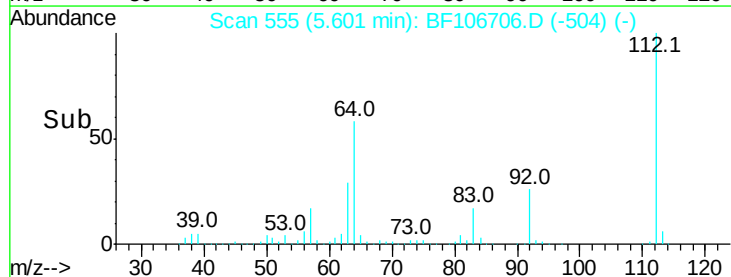
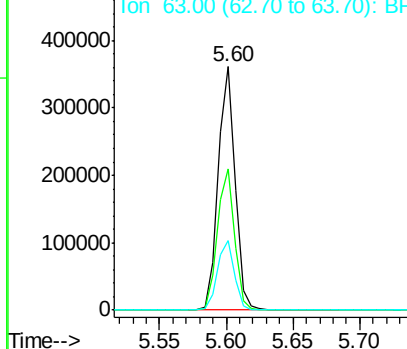
#5

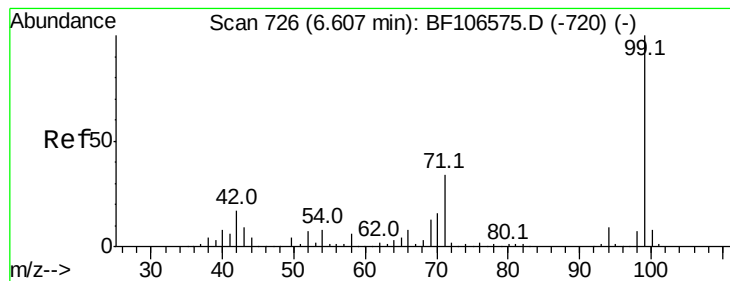
2-Fluorophenol
Concen: 85.394 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Tgt Ion:112 Resp: 324801
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.6 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: 88.047 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Instrument :

BNA_F

ClientSampled :

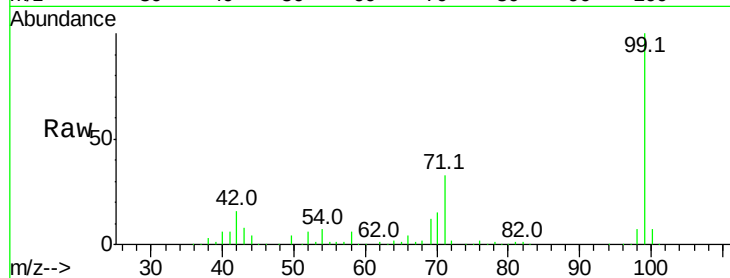
Tot Ion: 99 Resp: 418214

Ion Ratio Lower Upper

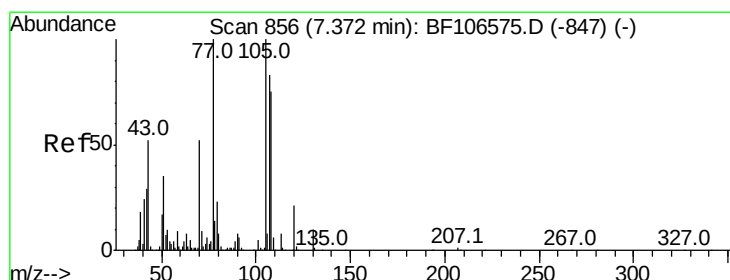
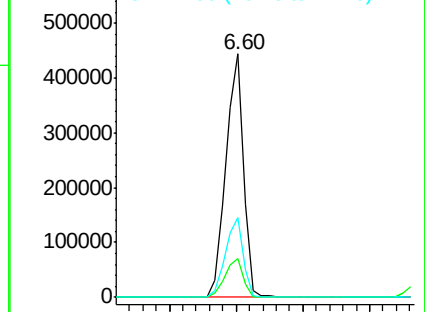
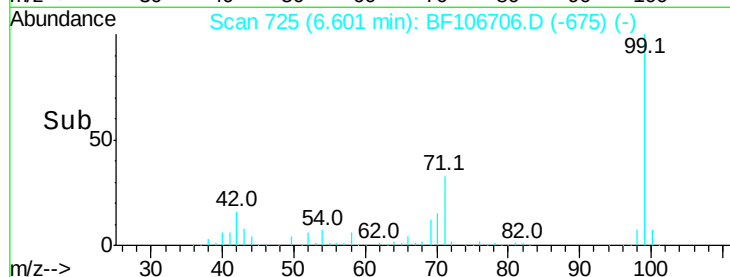
99 100

42 15.9 14.5 21.7

71 32.8 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: 11.164 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Tgt Ion: 70 Resp: 34955

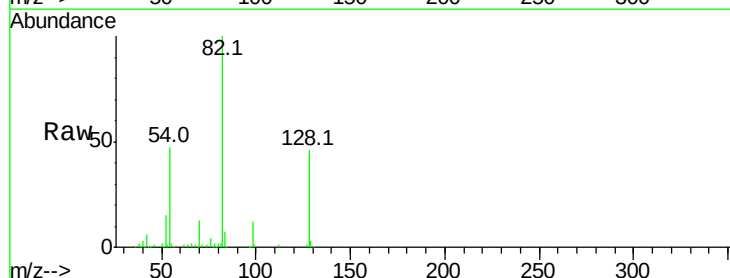
Ion Ratio Lower Upper

70 100

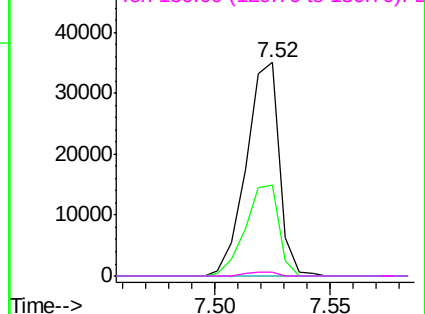
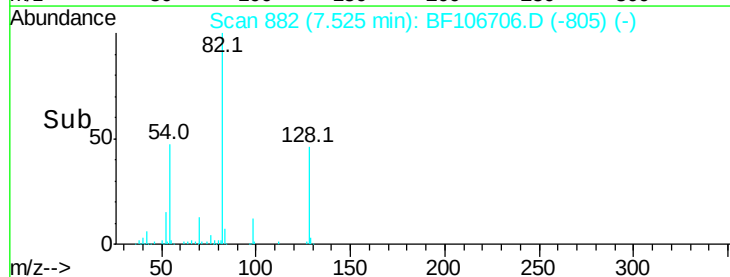
42 42.7 47.5 71.3#

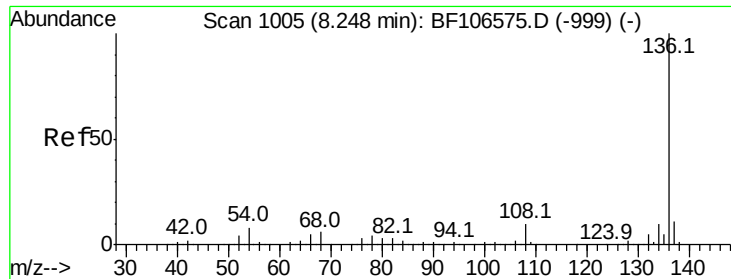
101 0.0 7.4 11.2#

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

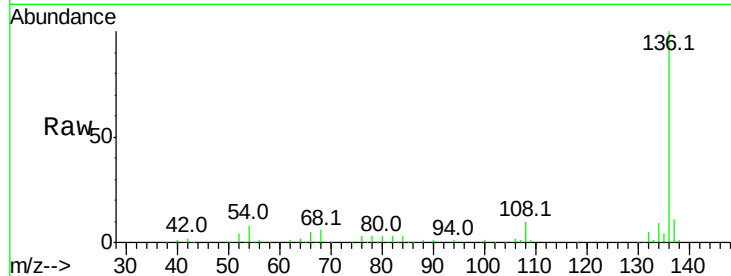




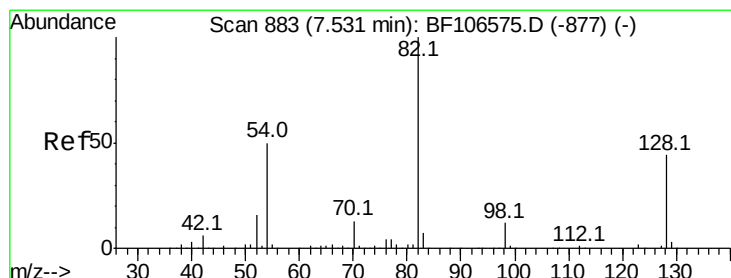
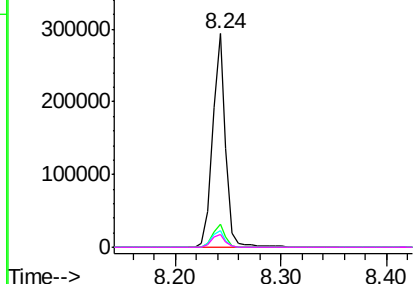
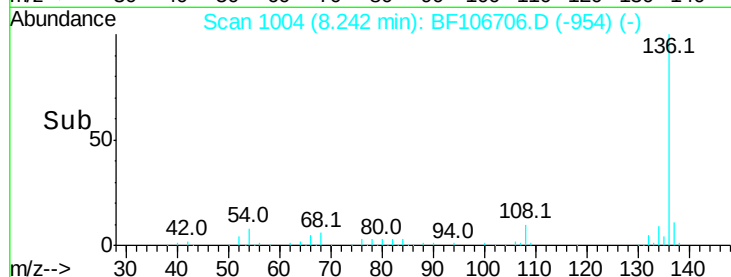
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	253225
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.8	6.6	9.8
68 6.2	5.0	7.4

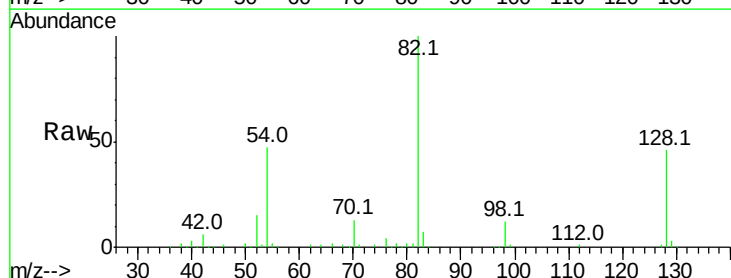


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

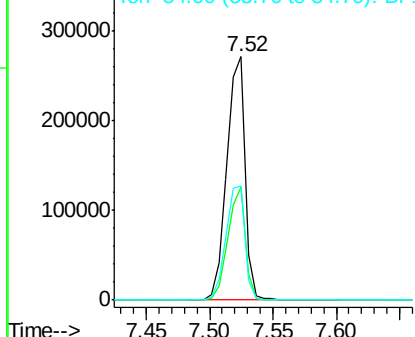
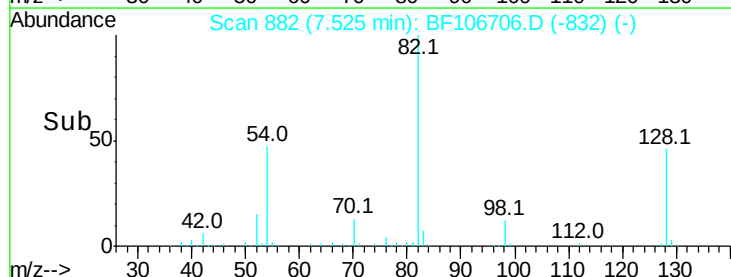


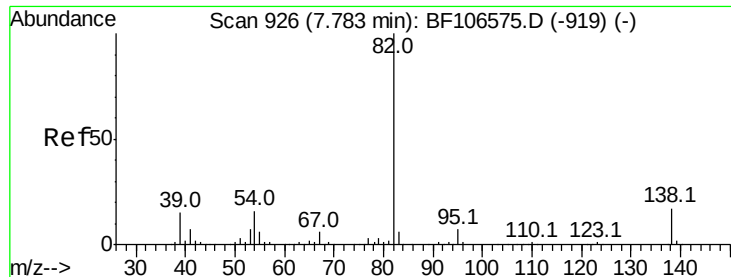
#23
Nitrobenzene-d5
Concen: 59.424 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Tgt Ion: 82	Resp: 270768
Ion Ratio	Lower Upper
82 100	
128 46.4	36.1 54.1
54 46.8	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: 33.722 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

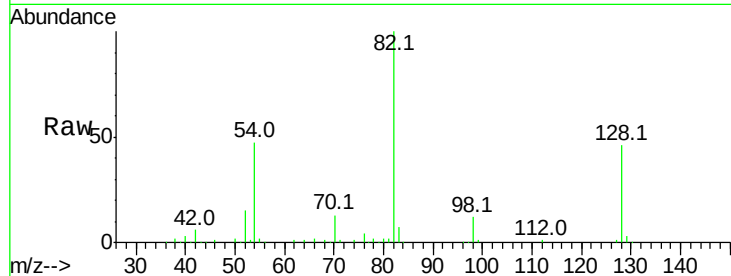
Tot Ion: 82 Resp: 270766

Ion Ratio Lower Upper

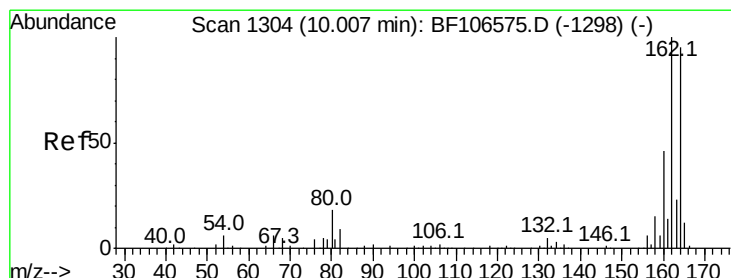
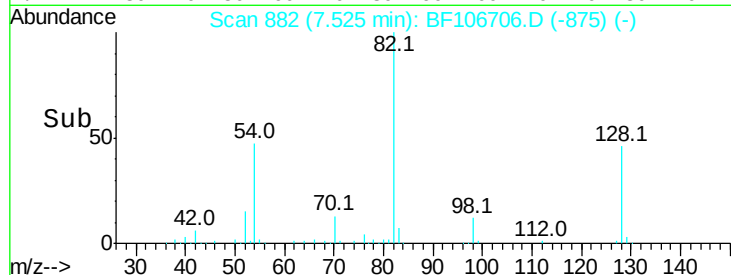
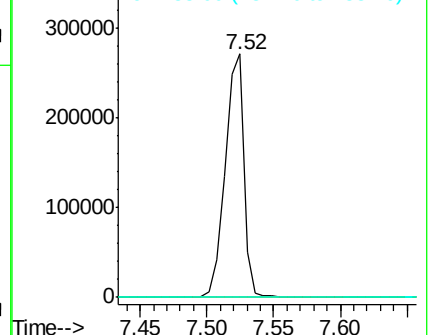
82 100

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# 1303

Delta R.T. -0.01 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

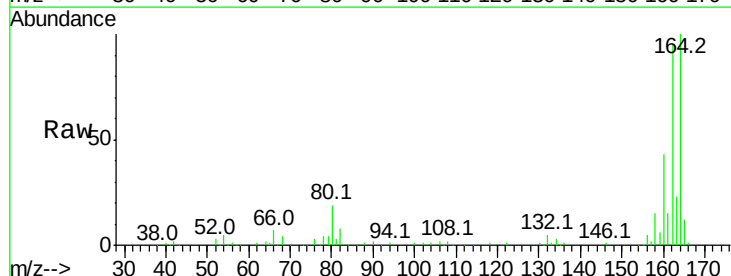
Tgt Ion: 164 Resp: 134925

Ion Ratio Lower Upper

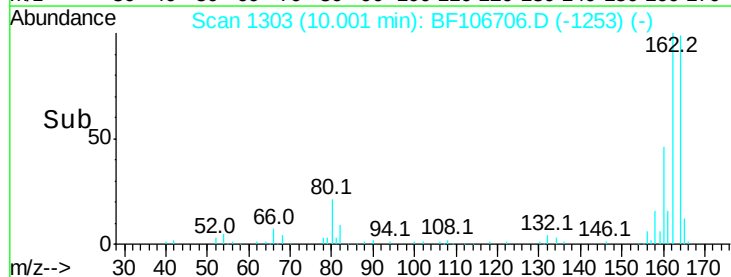
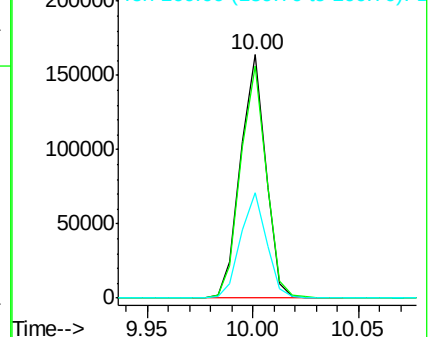
164 100

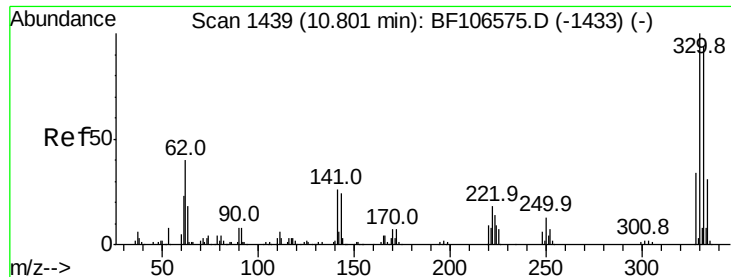
162 95.1 86.1 129.1

160 43.4 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

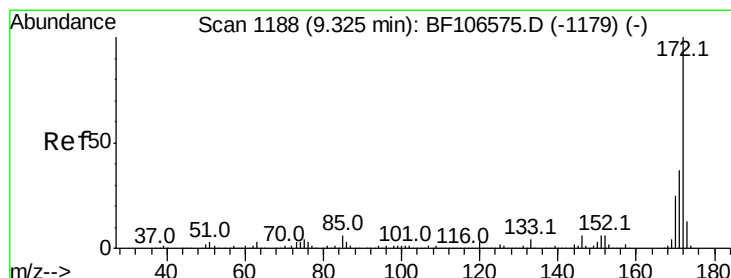
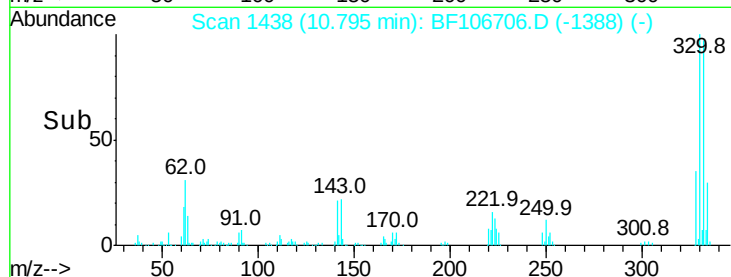
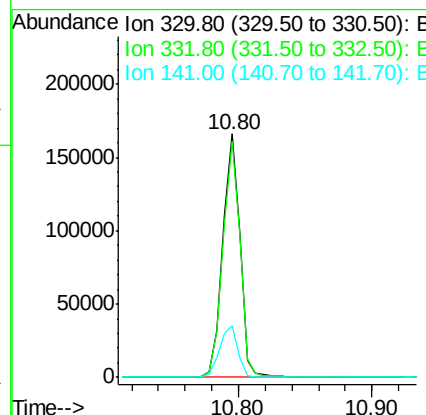
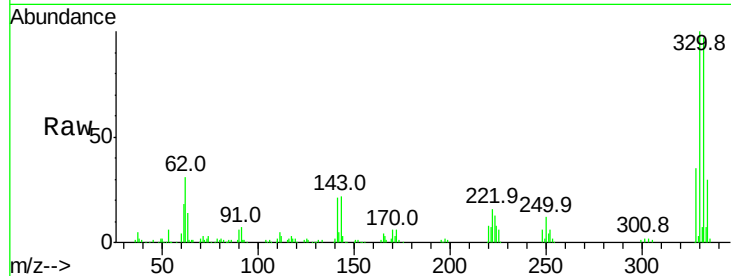




#41
 2,4,6-Tribromophenol
 Concen: 97.641 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106706.D
 Acq: 22 Jun 2018 13:56

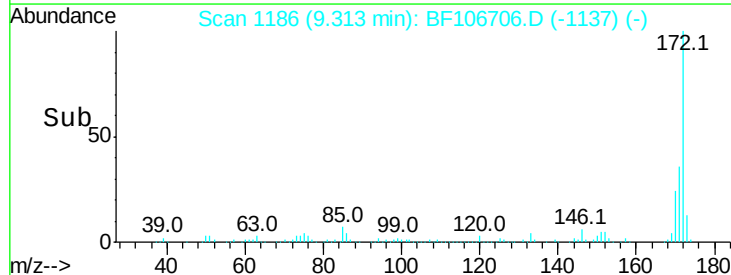
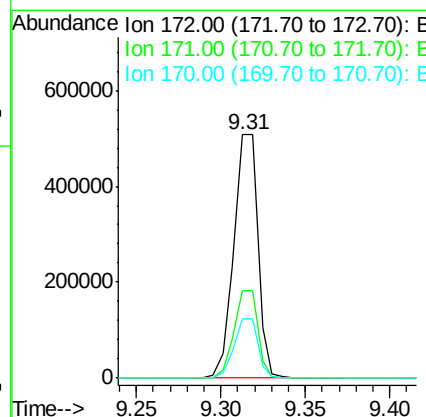
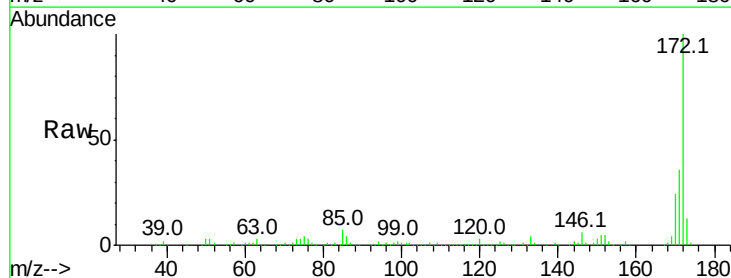
Instrument :
 BNA_F
 ClientSampleId :

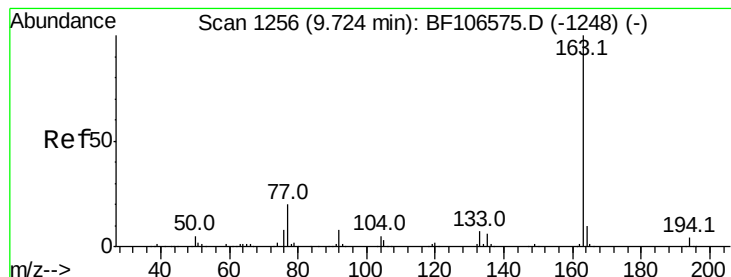
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 58.867 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106706.D
 Acq: 22 Jun 2018 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 7.990 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

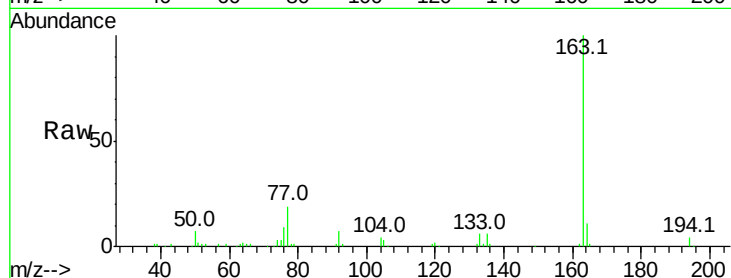
Tot Ion:163 Resp: 80858

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

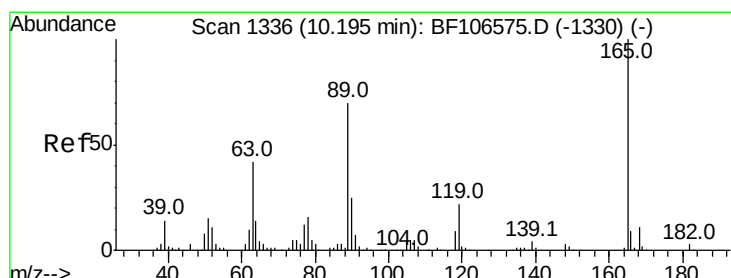
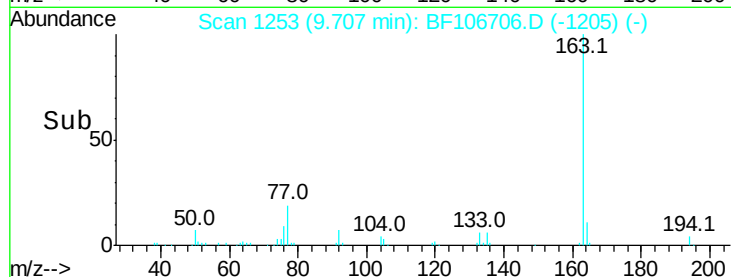
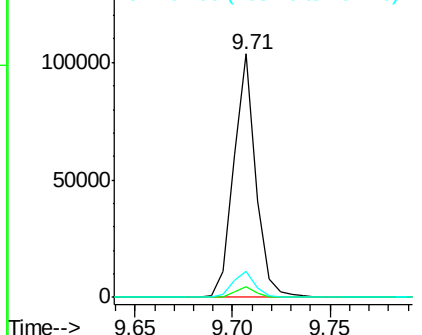
164 10.6 8.2 12.2



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: 6.064 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Tgt Ion:165 Resp: 16960

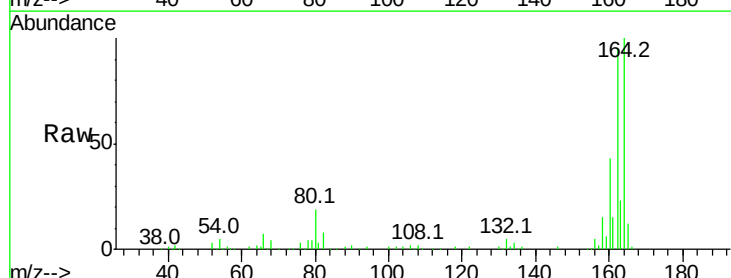
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

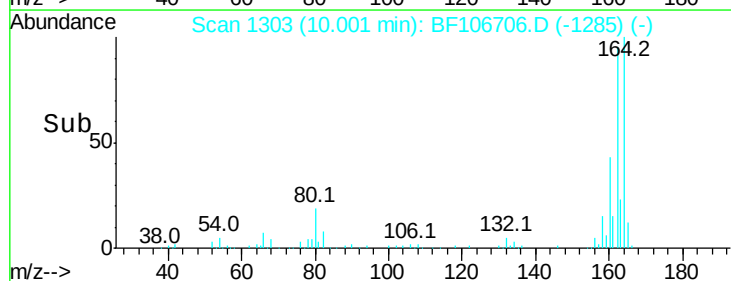
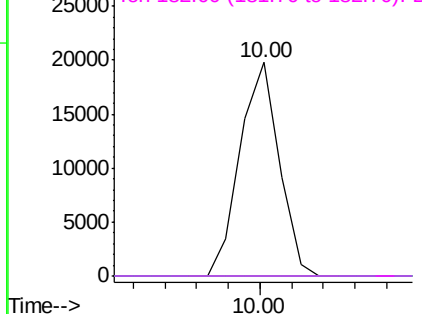


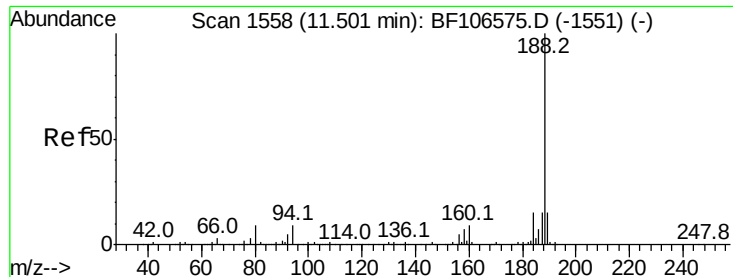
Abundance Ion 165.00 (164.70 to 165.70): E

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

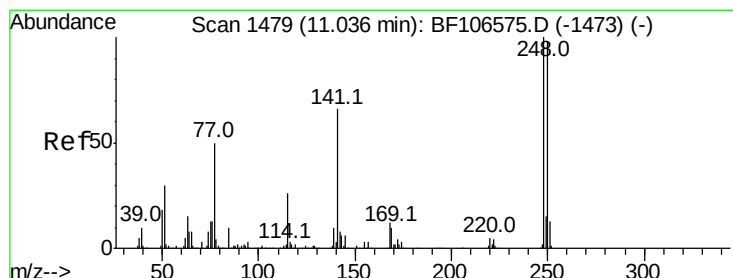
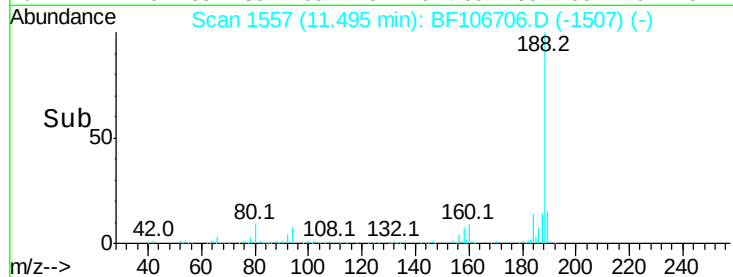
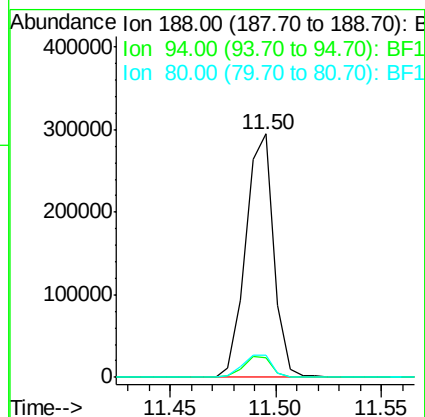
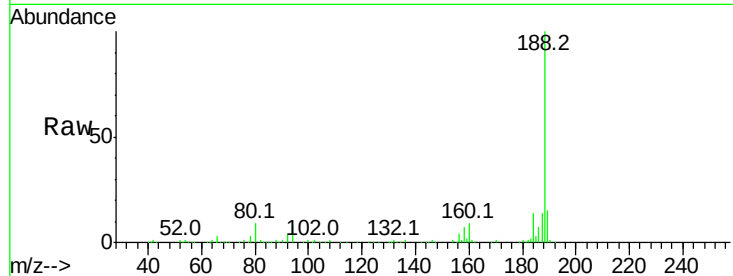




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

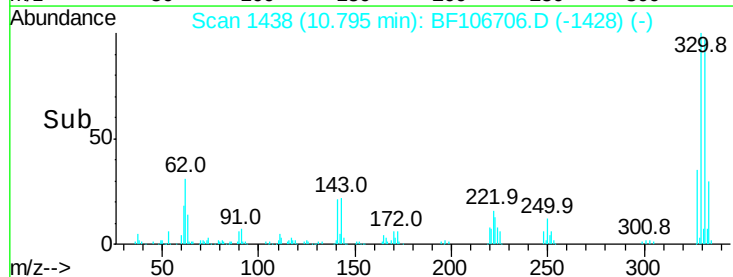
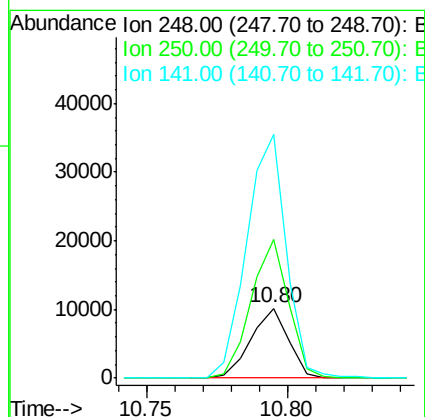
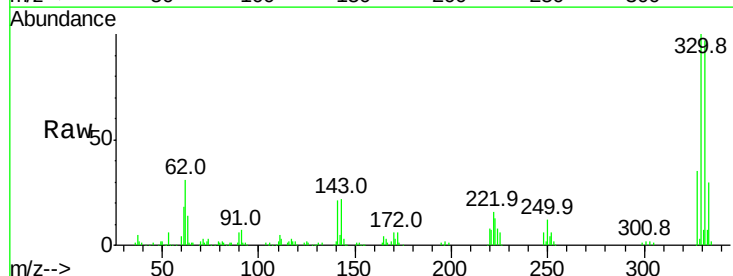
Instrument :
BNA_F
ClientSampleId :

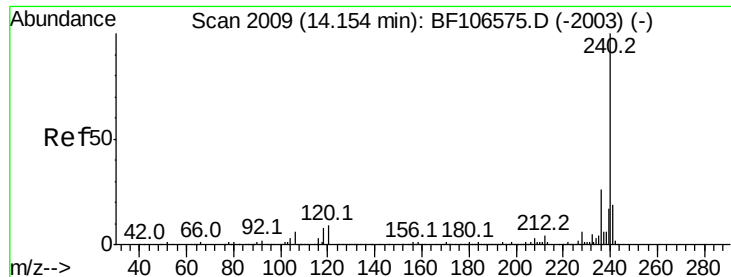
Tot Ion:188 Resp: 270557
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.914 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Tgt Ion:248 Resp: 9410
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 349.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

Instrument :

BNA_F

ClientSampled :

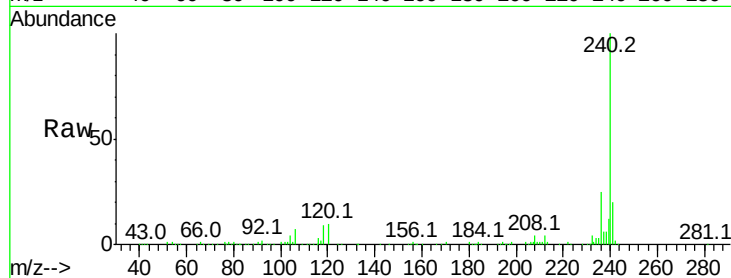
Tot Ion:240 Resp: 192909

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

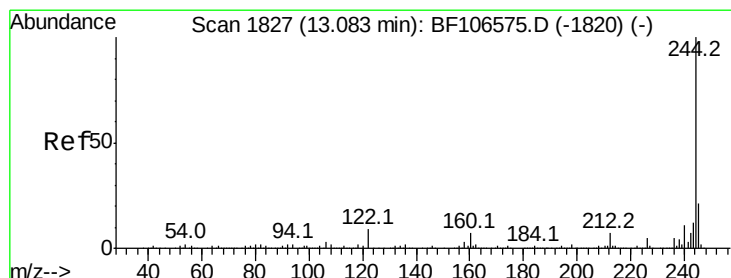
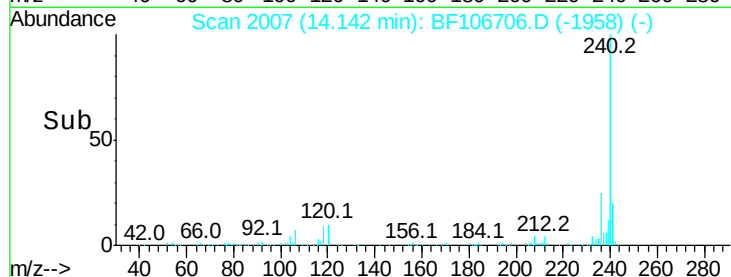
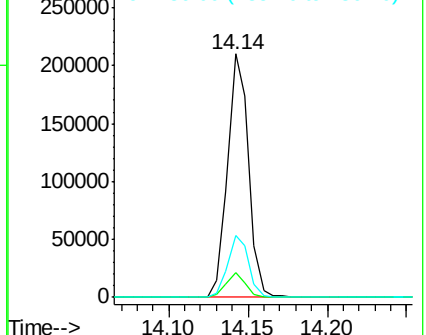
236 25.2 20.7 31.1



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: 71.872 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106706.D

Acq: 22 Jun 2018 13:56

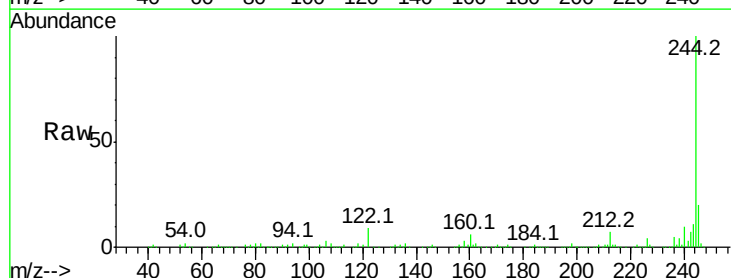
Tgt Ion:244 Resp: 572379

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

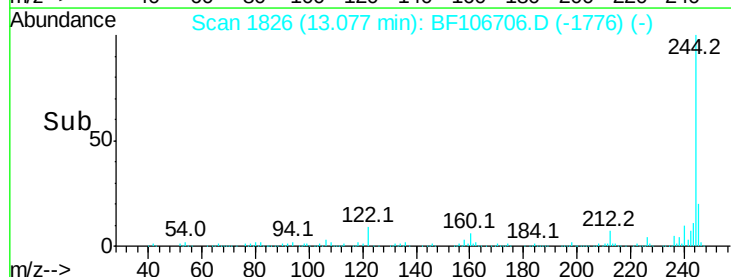
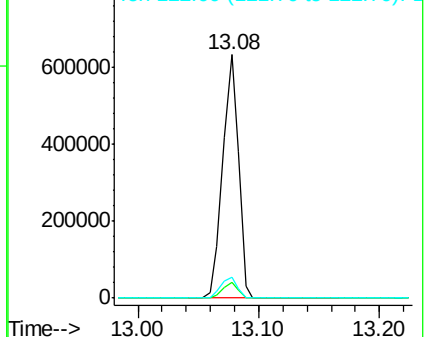
122 8.8 11.0 16.4#

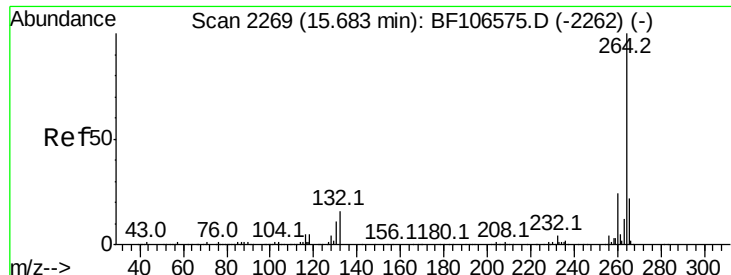


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

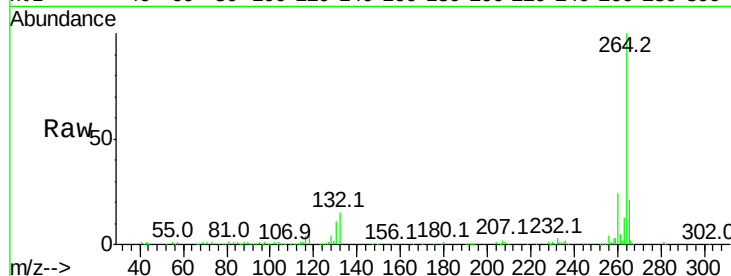




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF106706.D
Acq: 22 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

