

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106703.D
 Acq On : 22 Jun 2018 12:37
 Operator : JU/SJ
 Sample : J3603-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 13:01:42 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

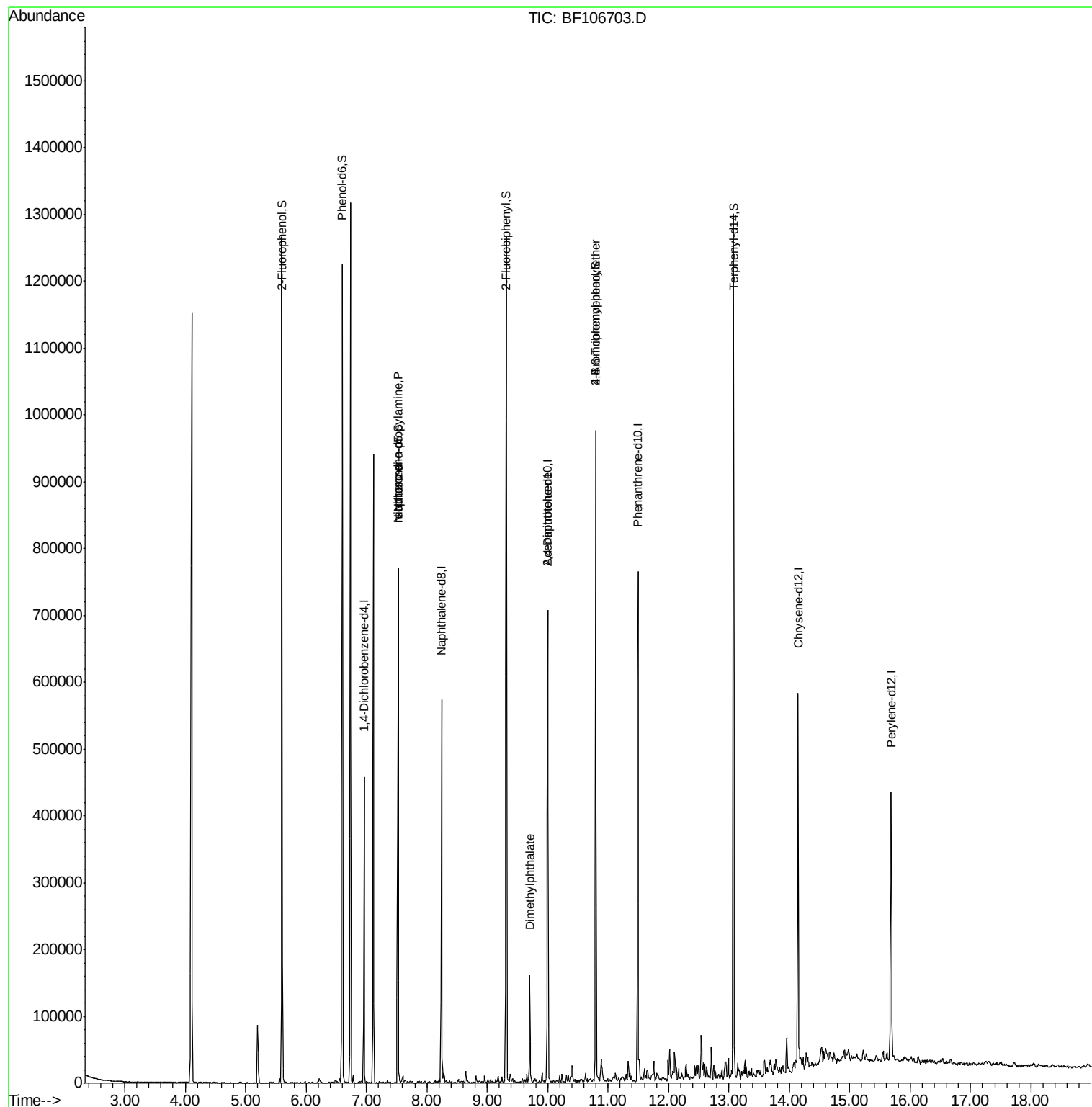
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63645	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	253690	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	135937	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	276215	20.00	ng	0.00
75) Chrysene-d12	14.14	240	205602	20.00	ng	-0.01
86) Perylene-d12	15.68	264	202397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	336262	89.46	ng	0.00
7) Phenol-d6	6.60	99	428341	91.26	ng	0.00
23) Nitrobenzene-d5	7.52	82	272980	59.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	133801	84.92	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	406994	43.47	ng	-0.01
78) Terphenyl-d14	13.08	244	452266	53.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	36040	11.648	ng	# 71
20) 3+4-Methylphenols	7.37	107	127	Below Cal		# 20
25) Isophorone	7.52	82	272976	33.935	ng	# 64
49) Dimethylphthalate	9.71	163	57798	5.669	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	17782	6.310	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	8388	2.545	ng	# 1

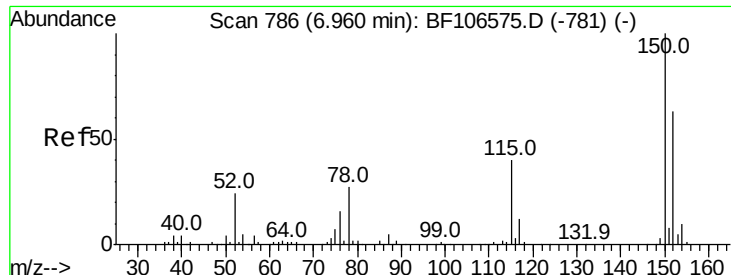
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



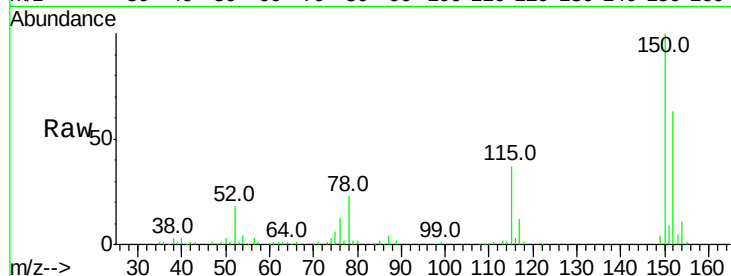


#1

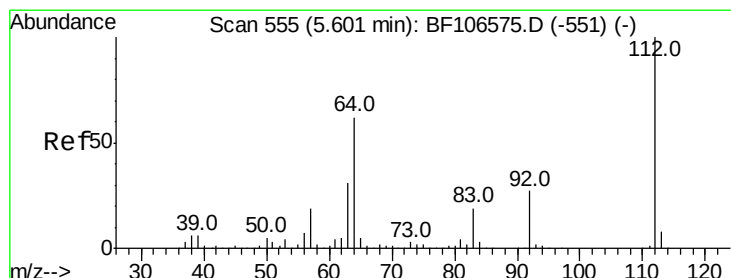
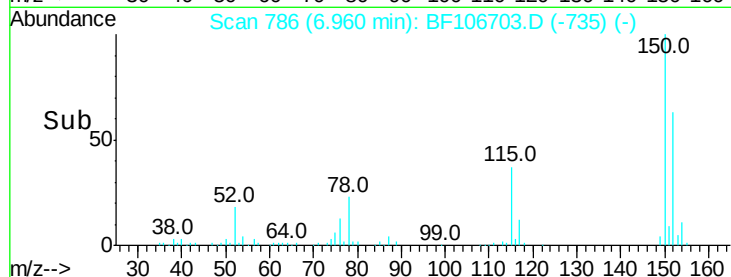
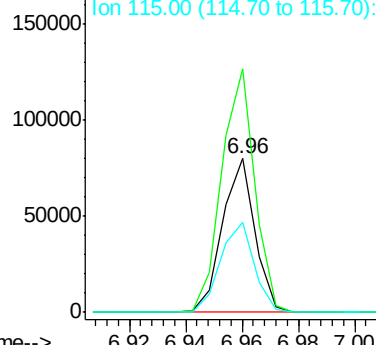
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63645
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.6 50.1 75.1



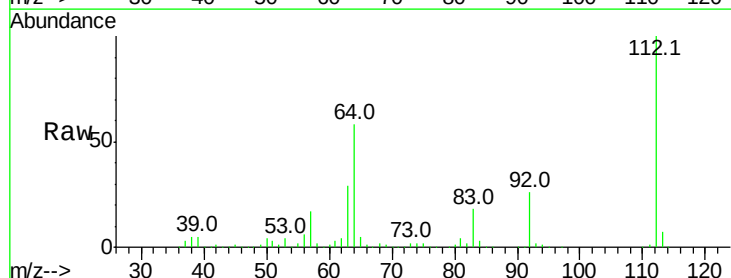
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



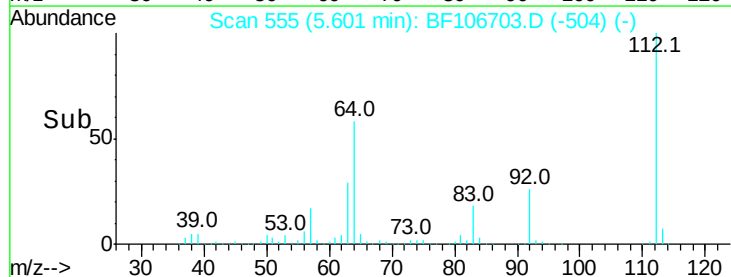
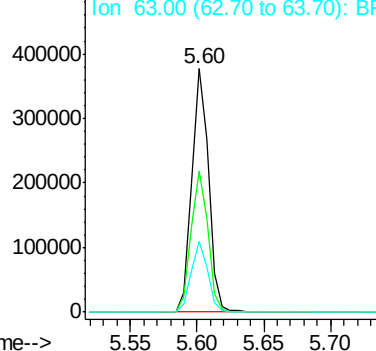
#5

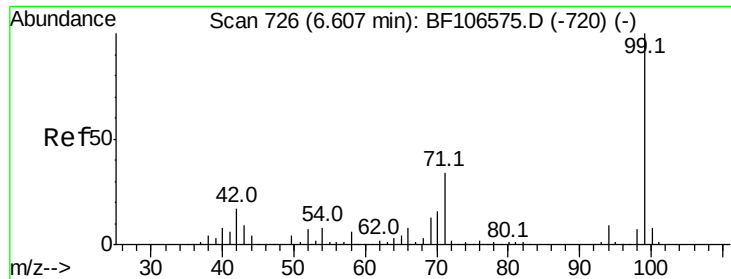
2-Fluorophenol
Concen: 89.465 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Tgt Ion:112 Resp: 336262
Ion Ratio Lower Upper
112 100
64 58.2 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: 91.258 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

Instrument :

BNA_F

ClientSampleId :

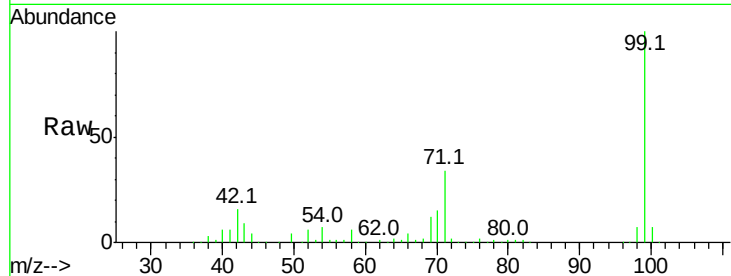
Tot Ion: 99 Resp: 428341

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

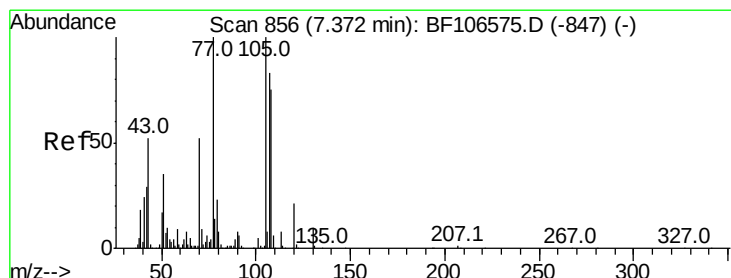
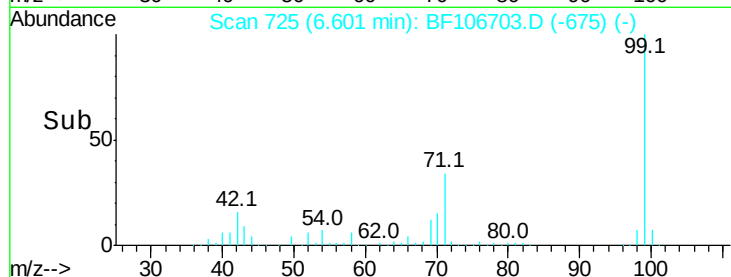
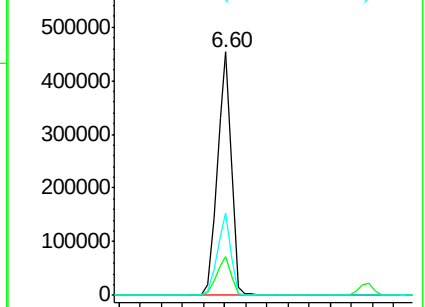
71 33.8 25.4 38.0



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: 11.648 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

Tgt Ion: 70 Resp: 36040

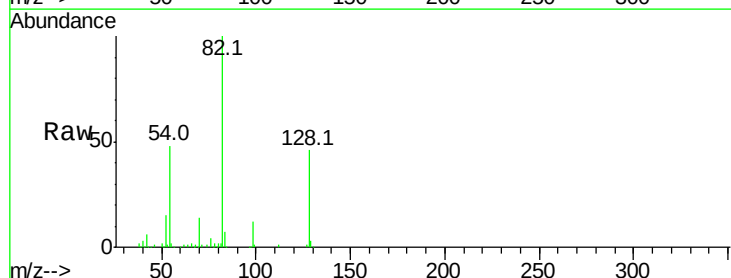
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

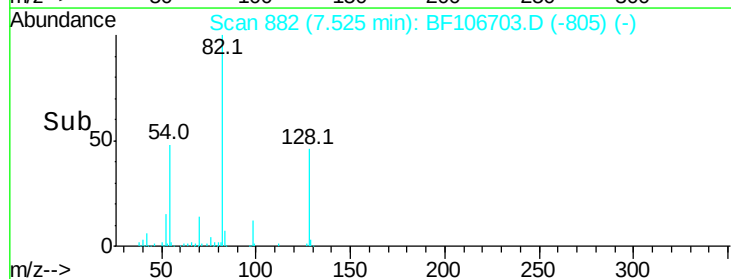
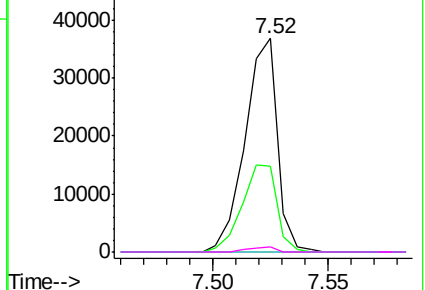


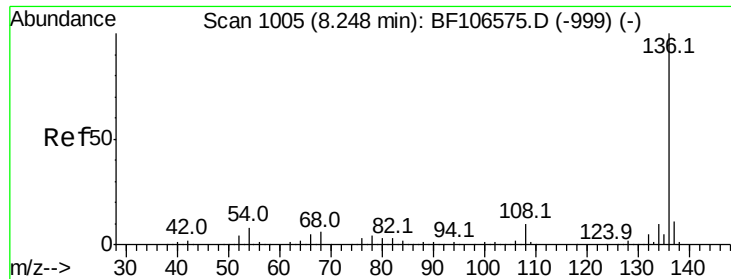
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

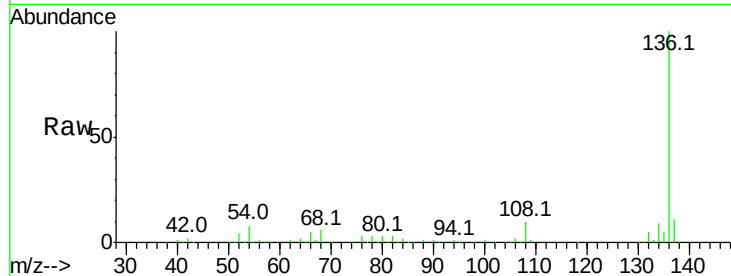




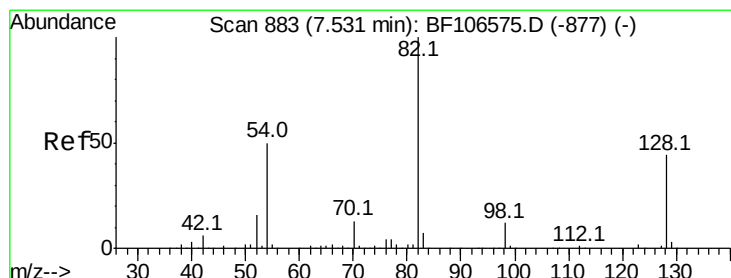
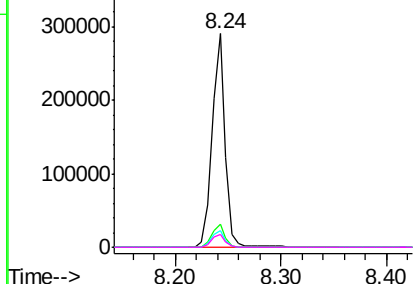
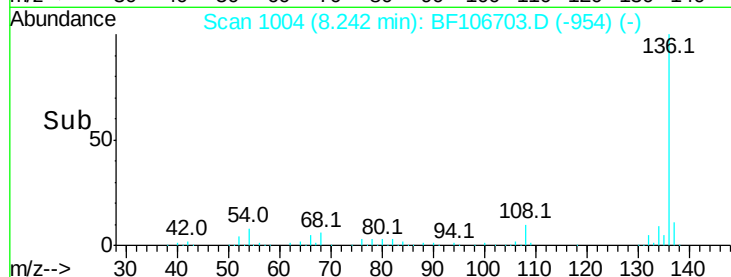
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	253690
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

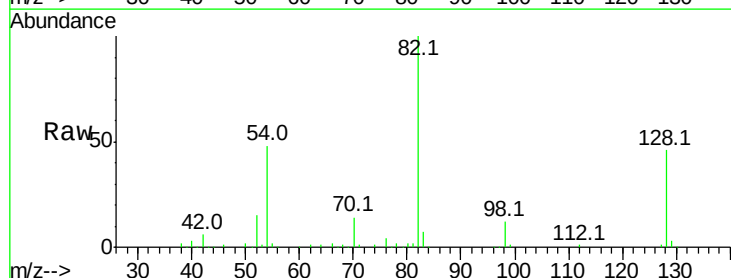


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

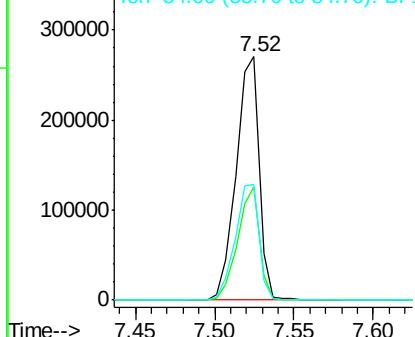
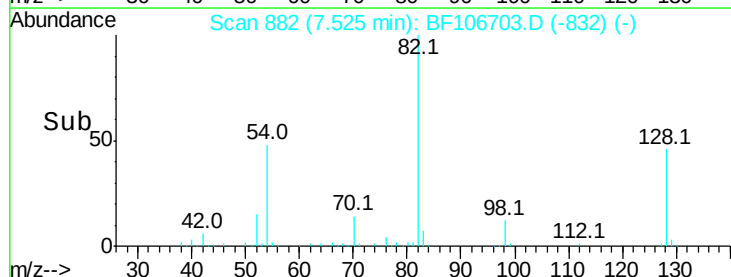


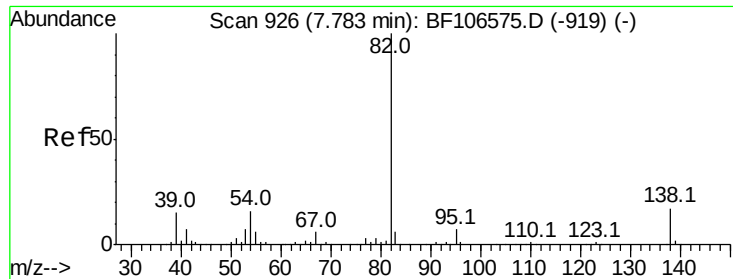
#23
Nitrobenzene-d5
Concen: 59.799 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Tgt Ion:	82	Resp:	272980
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	47.7	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: 33.935 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

Instrument :

BNA_F

ClientSampleId :

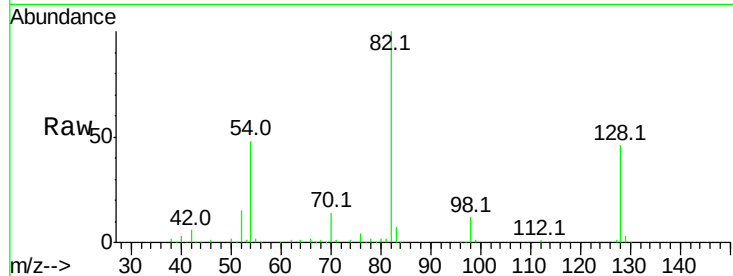
Tot Ion: 82 Resp: 272976

Ion Ratio Lower Upper

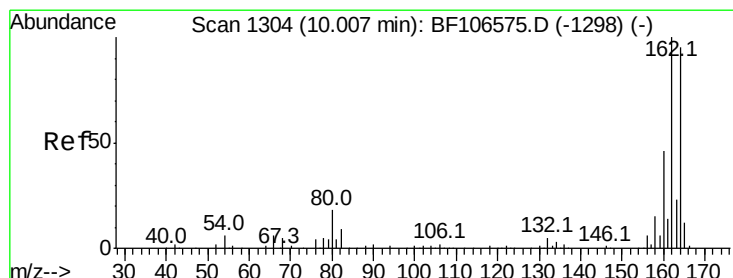
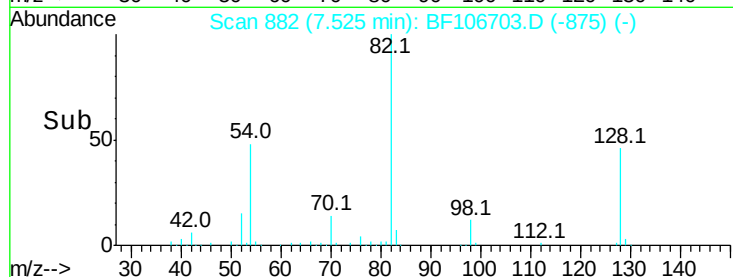
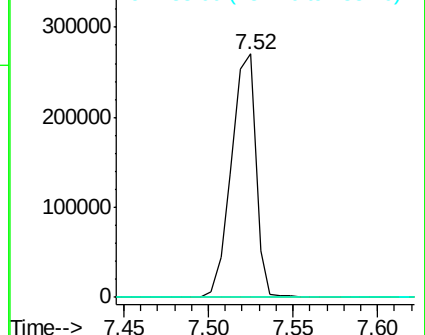
82 100

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: BF106703.D

Acq: 22 Jun 2018 12:37

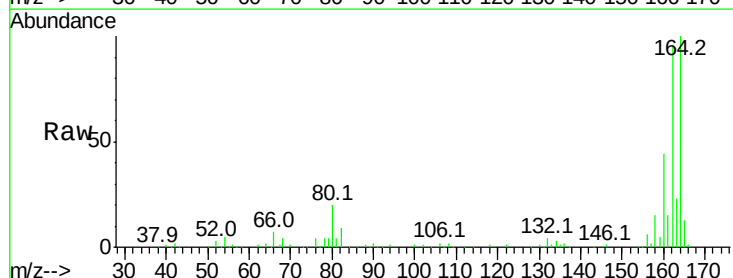
Tgt Ion:164 Resp: 135937

Ion Ratio Lower Upper

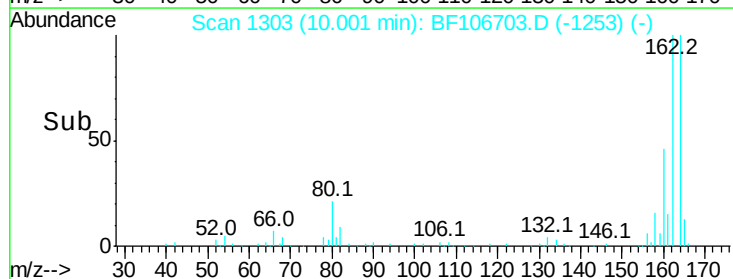
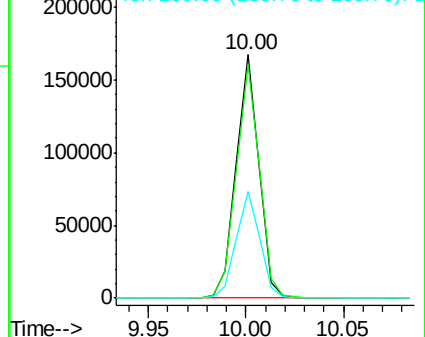
164 100

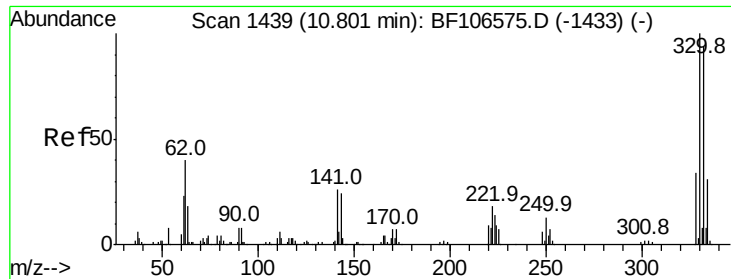
162 96.0 86.1 129.1

160 43.8 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

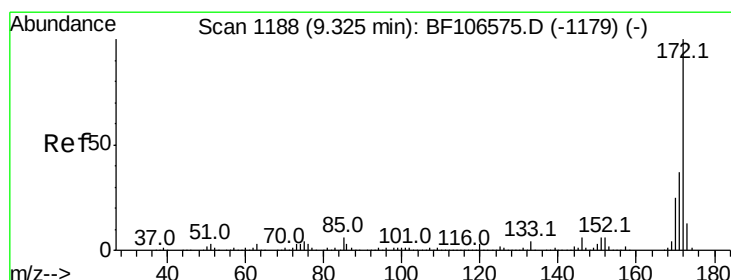
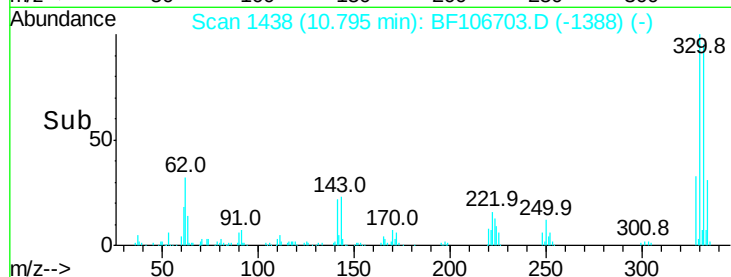
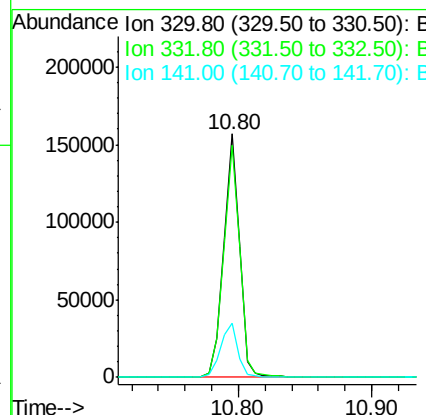
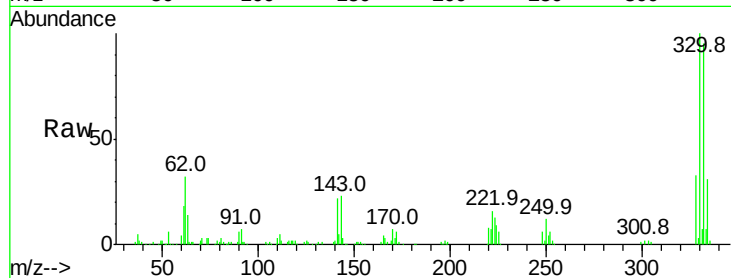




#41
 2,4,6-Tribromophenol
 Concen: 84.924 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106703.D
 Acq: 22 Jun 2018 12:37

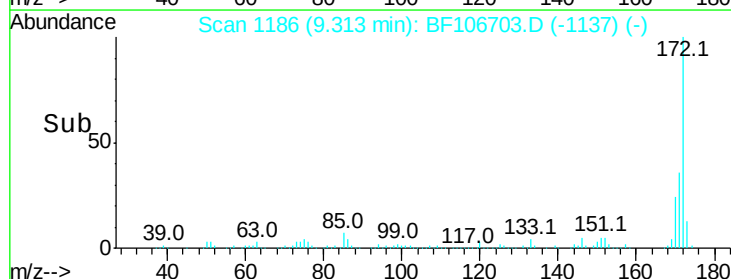
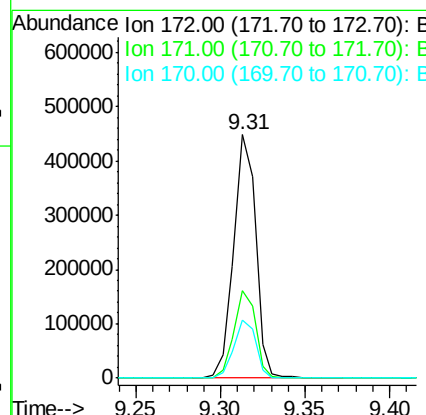
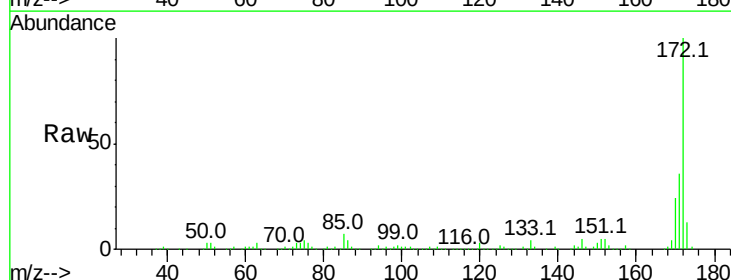
Instrument :
 BNA_F
 ClientSampleId :

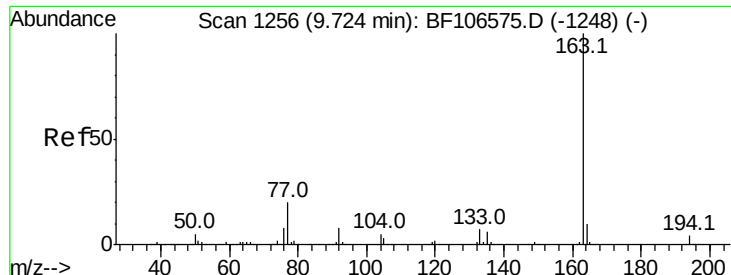
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	24.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 43.470 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106703.D
 Acq: 22 Jun 2018 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 5.669 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

Instrument :

BNA_F

ClientSampled :

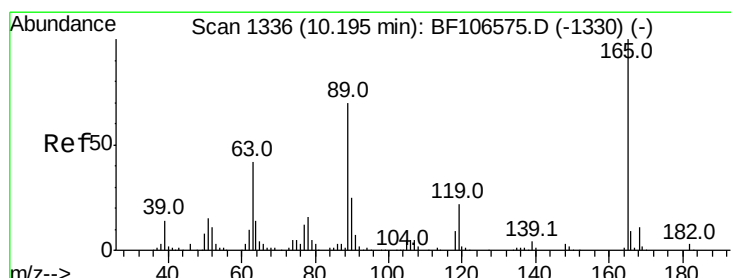
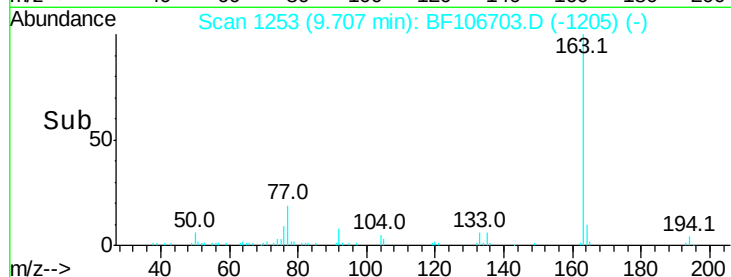
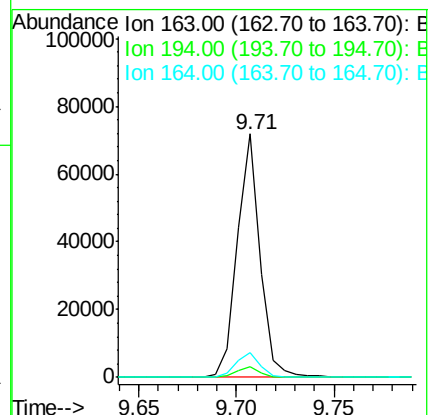
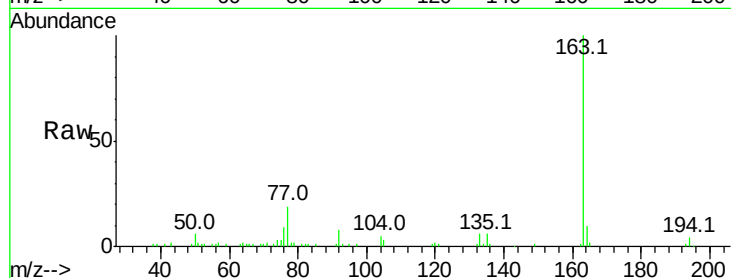
Tot Ion:163 Resp: 57798

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

164 10.2 8.2 12.2



#56

2,4-Dinitrotoluene

Concen: 6.310 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

Tgt Ion:165 Resp: 17782

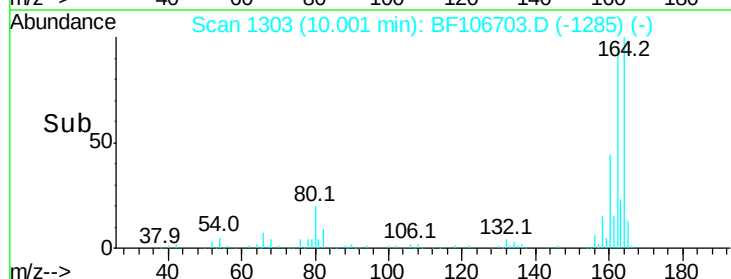
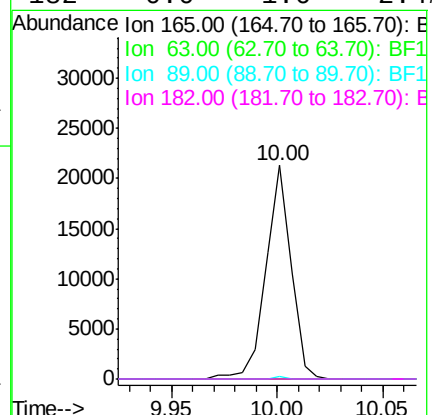
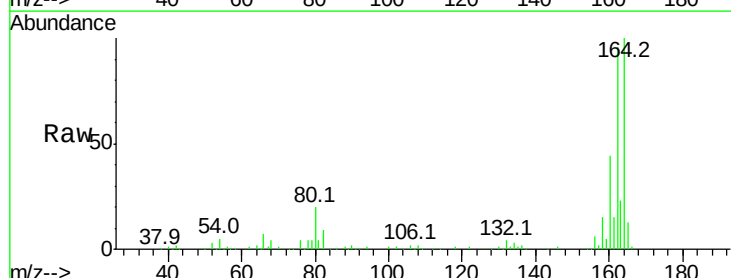
Ion Ratio Lower Upper

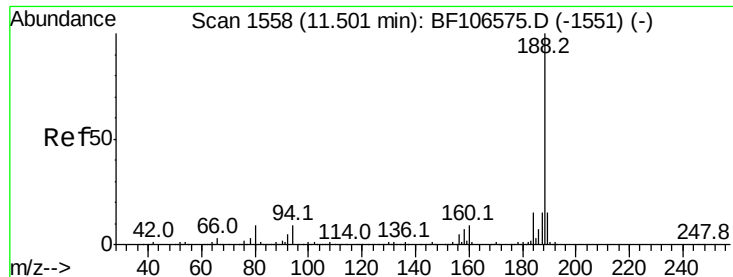
165 100

63 0.0 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

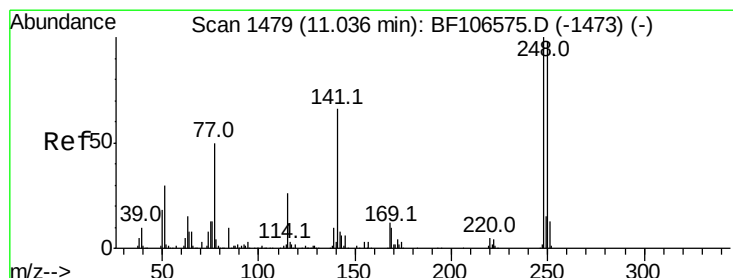
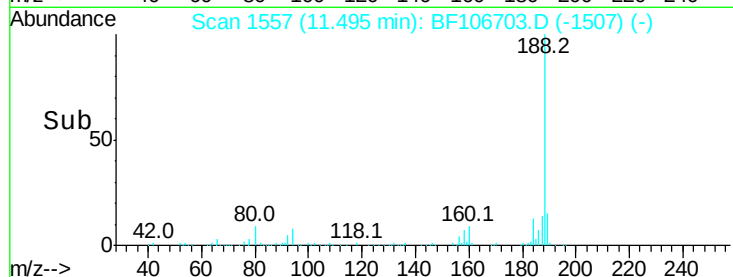
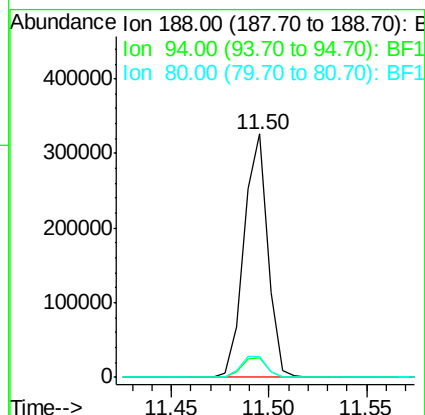
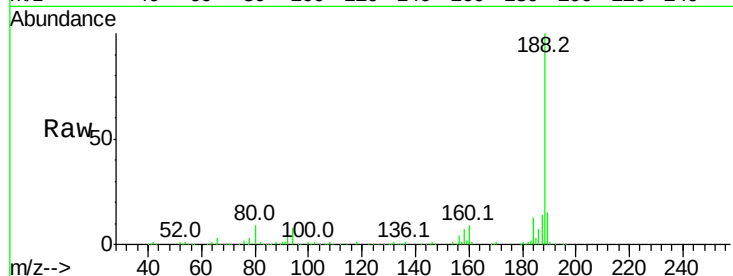




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

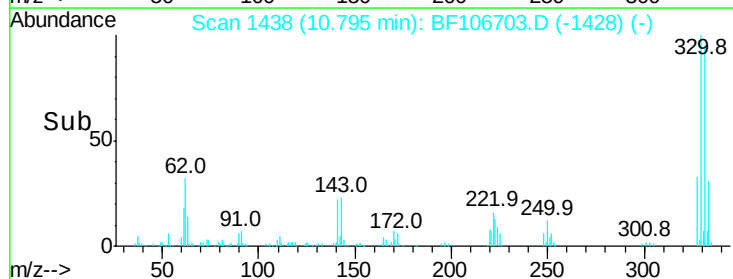
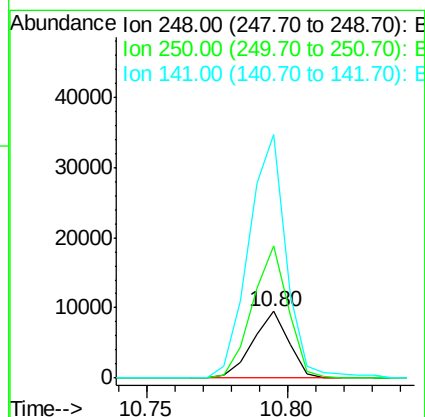
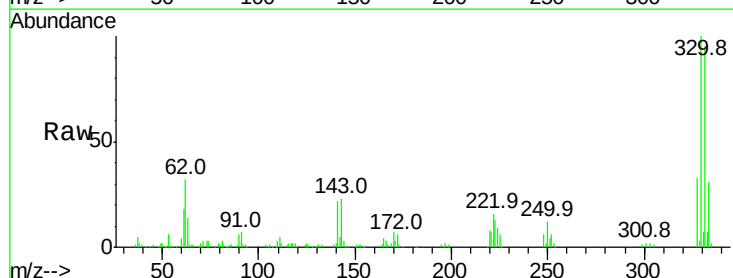
Instrument :
BNA_F
ClientSampled :

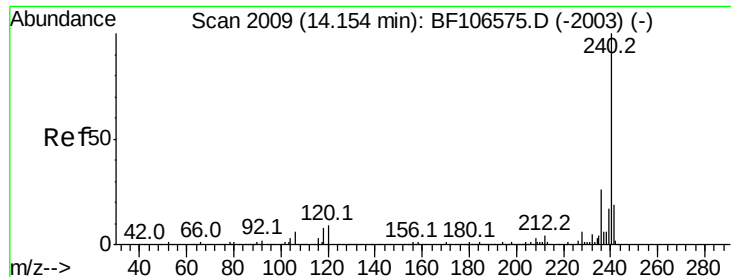
Tot Ion:188 Resp: 276215
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.6 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.545 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Tgt Ion:248 Resp: 8388
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 366.2 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: BF106703.D

Acq: 22 Jun 2018 12:37

Instrument :

BNA_F

ClientSampleId :

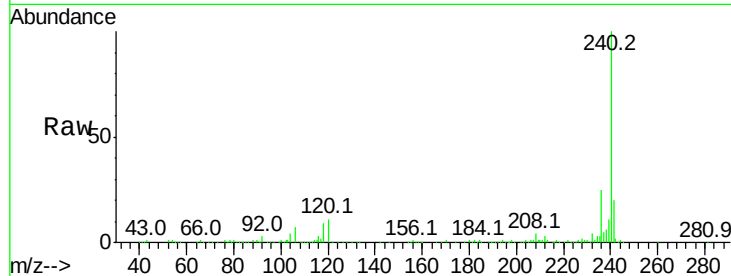
Tot Ion:240 Resp: 205602

Ion Ratio Lower Upper

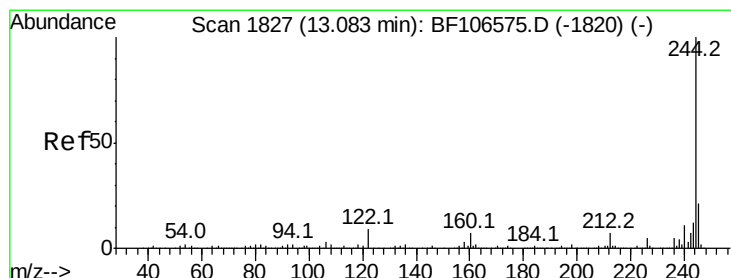
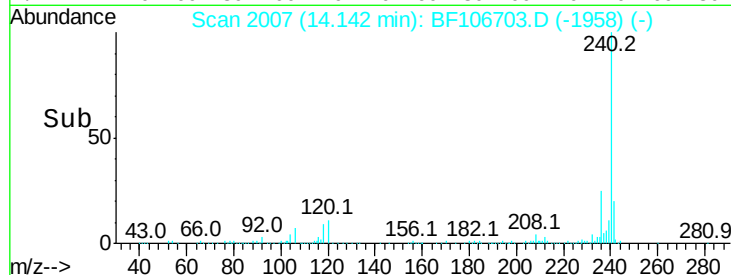
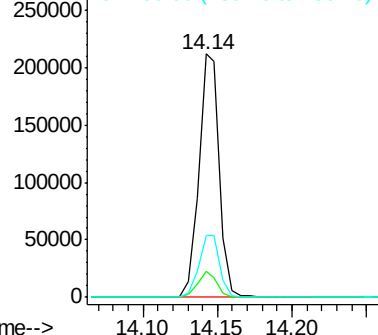
240 100

120 10.9 9.5 14.3

236 25.3 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: 53.284 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106703.D

Acq: 22 Jun 2018 12:37

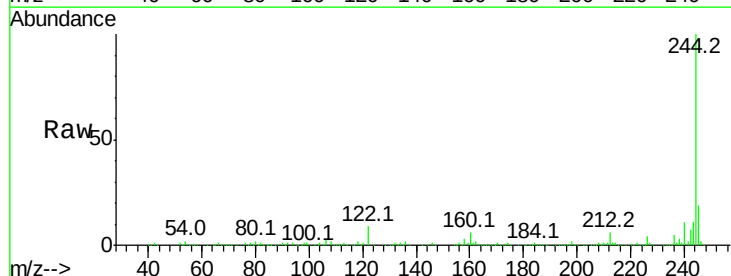
Tgt Ion:244 Resp: 452266

Ion Ratio Lower Upper

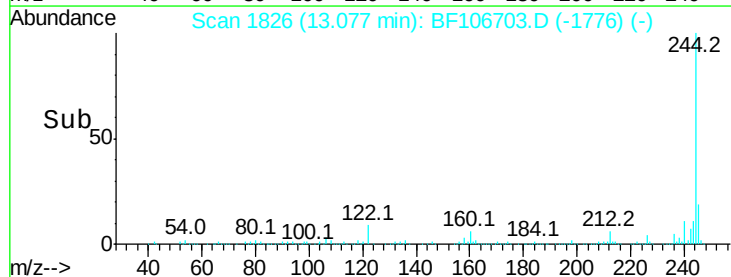
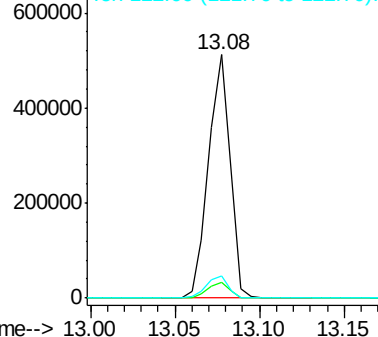
244 100

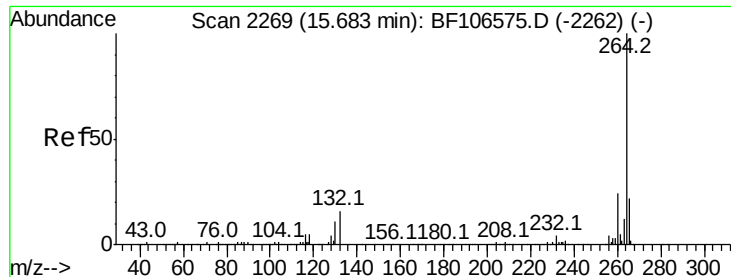
212 6.5 5.4 8.0

122 8.9 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# 2269
Delta R.T. -0.01 min
Lab File: BF106703.D
Acq: 22 Jun 2018 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	202397
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.6	17.5	26.3

