

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107006.D
 Acq On : 30 Jun 2018 11:30
 Operator : JU/SJ
 Sample : J3628-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:03:58 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 29 14:38:29 2018
 Response via : Initial Calibration

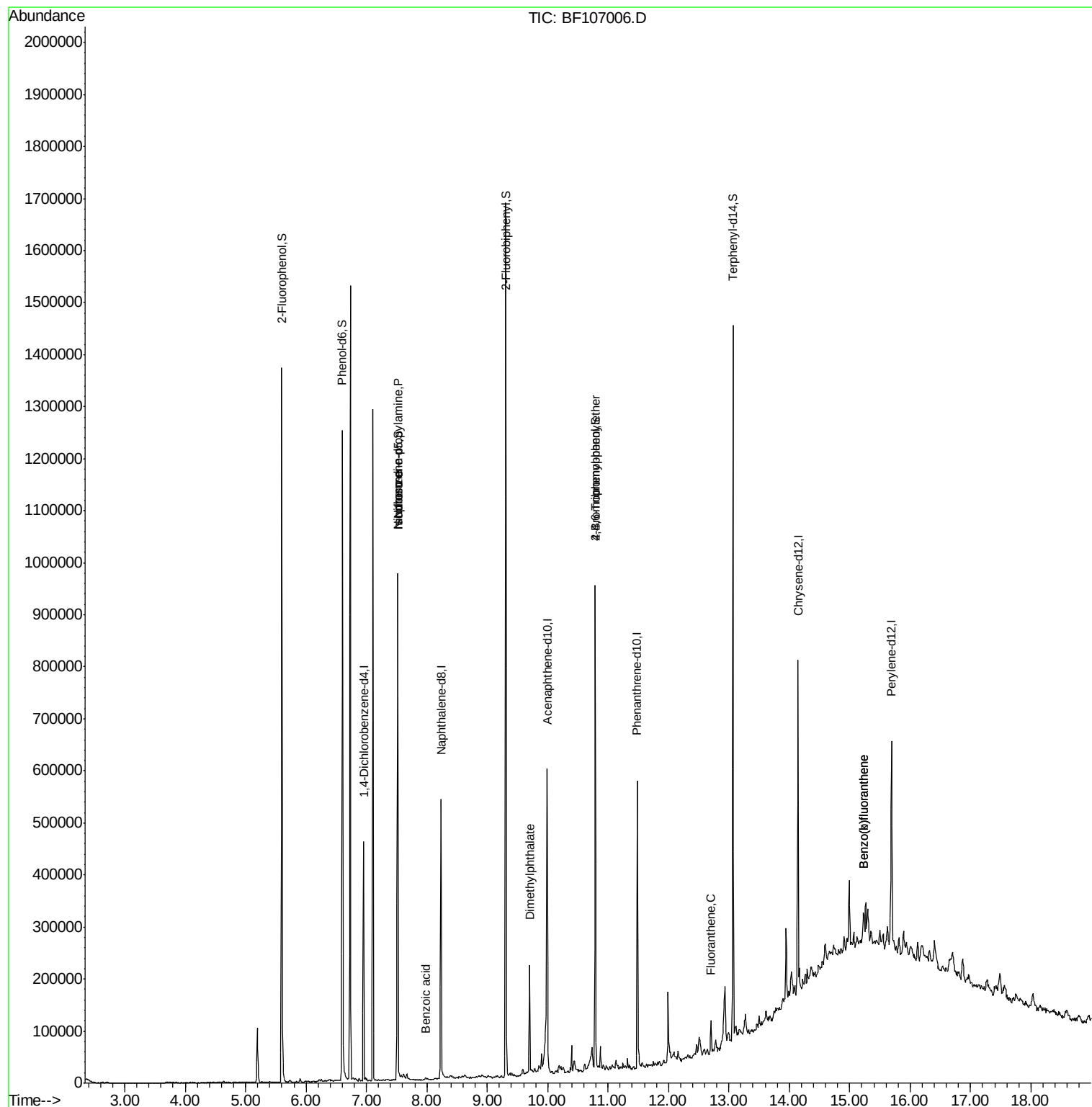
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71718	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	254891	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	121795	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	201152	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	218520	20.00	ng	-0.02
86) Perylene-d12	15.69	264	218706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	406188	95.90	ng	0.00
7) Phenol-d6	6.60	99	497279	94.02	ng	-0.01
23) Nitrobenzene-d5	7.52	82	318296	69.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	129642	91.84	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	518790	69.39	ng	-0.02
78) Terphenyl-d14	13.07	244	519171	57.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	42305	12.134	ng	# 74
25) Isophorone	7.52	82	318293	39.382	ng	# 64
32) Benzoic acid	7.98	122	269	5.826	ng	96
49) Dimethylphthalate	9.70	163	77710	8.507	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	7971	3.320	ng	# 1
74) Fluoranthene	12.70	202	22512	2.105	ng	97
87) Benzo(b)fluoranthene	15.23	252	39556	2.912	ng	# 79
88) Benzo(k)fluoranthene	15.23	252	39556	3.057	ng	# 82

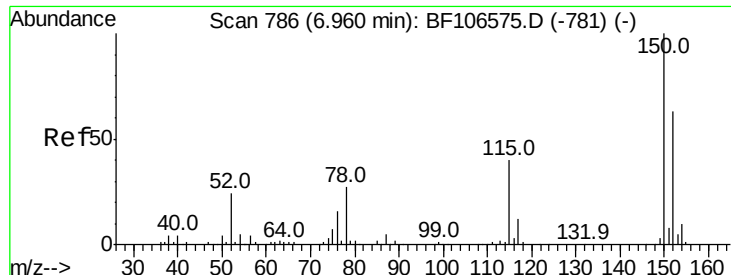
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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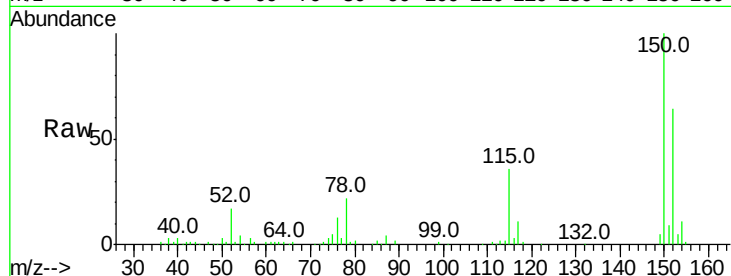


#1

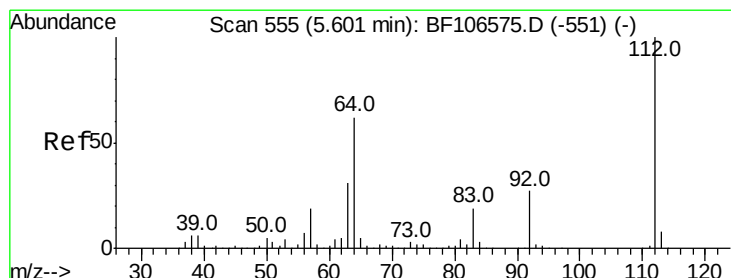
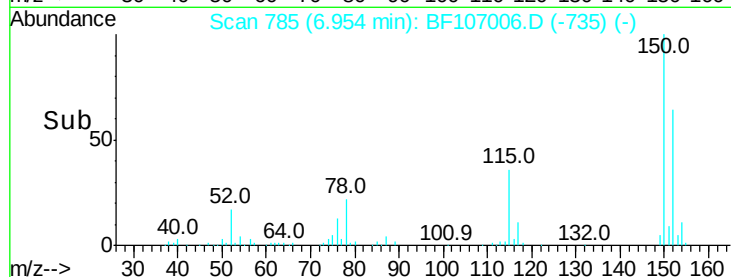
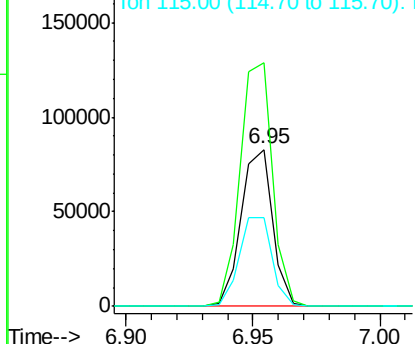
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107006.D
Acq: 30 Jun 2018 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71718
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 56.5 50.1 75.1



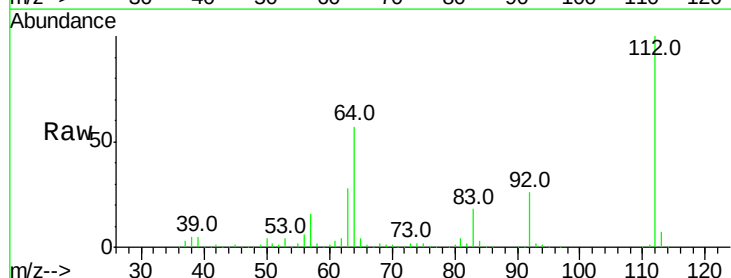
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



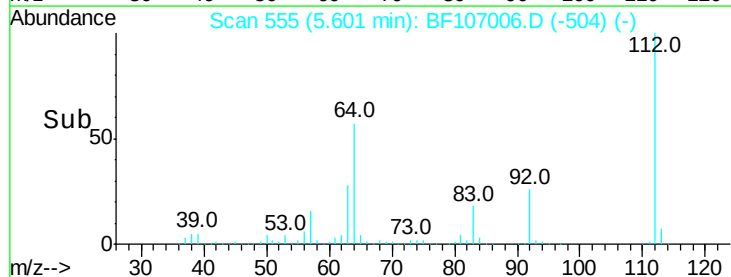
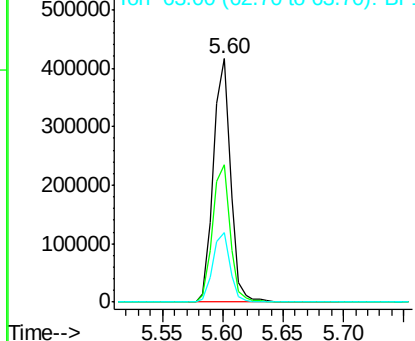
#5

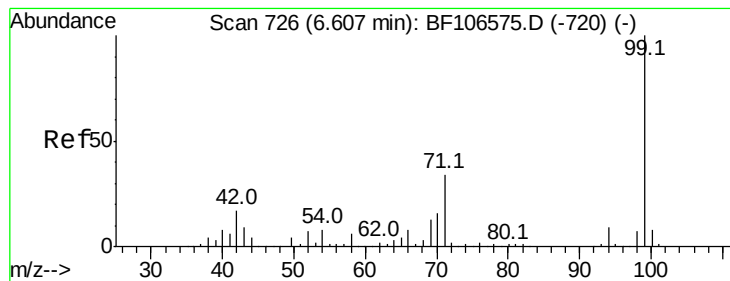
2-Fluorophenol
Concen: 95.904 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107006.D
Acq: 30 Jun 2018 11:30

Tgt Ion:112 Resp: 406188
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.3 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: 94.019 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampled :

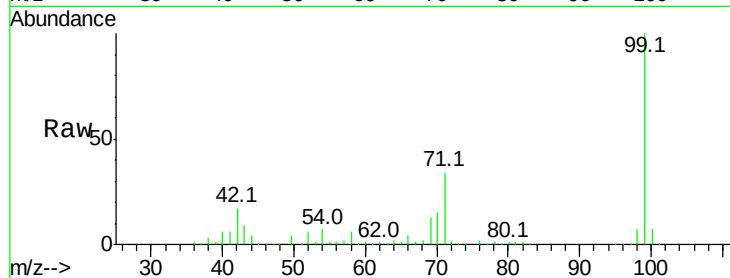
Tot Ion: 99 Resp: 497279

Ion Ratio Lower Upper

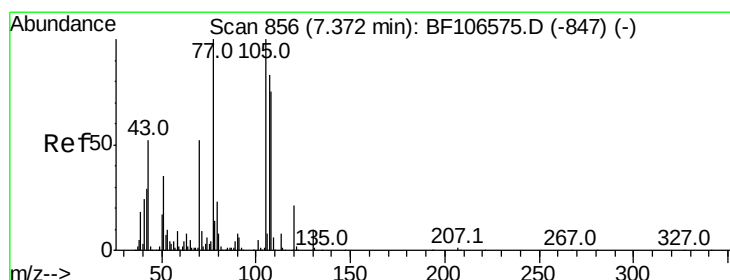
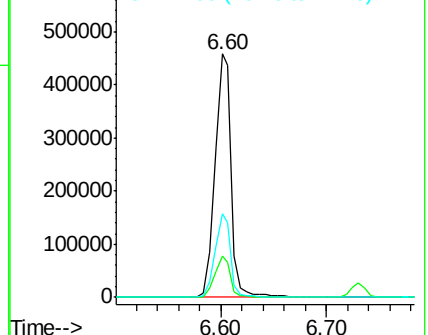
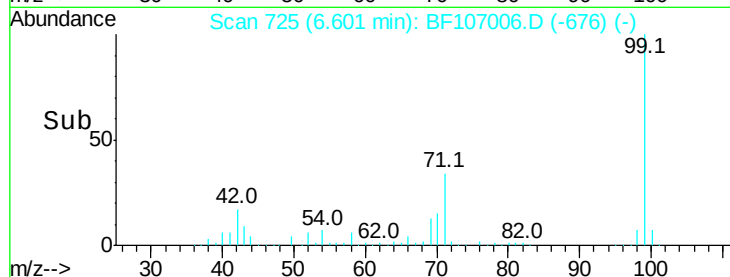
99 100

42 16.9 14.5 21.7

71 34.5 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: 12.134 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Tgt Ion: 70 Resp: 42305

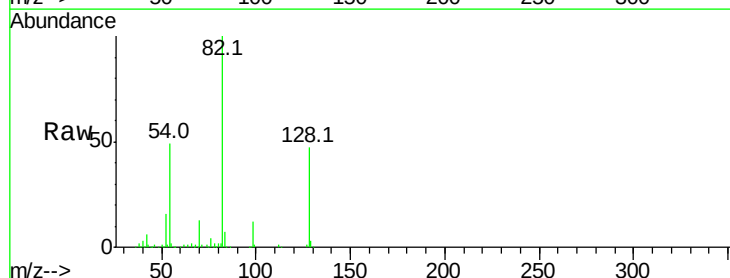
Ion Ratio Lower Upper

70 100

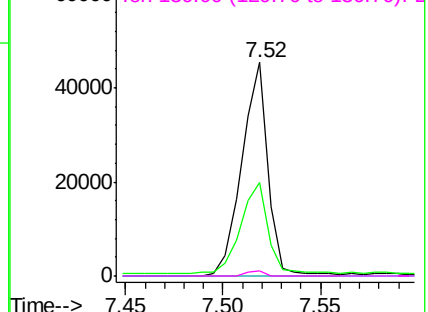
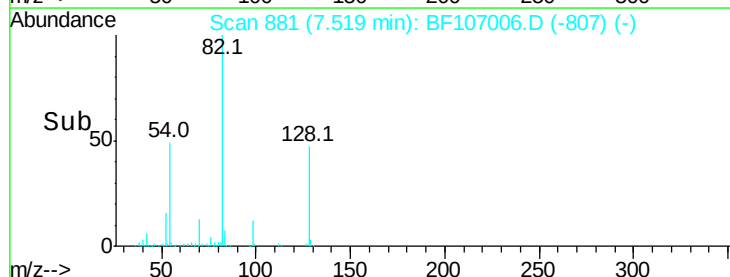
42 43.5 47.5 71.3#

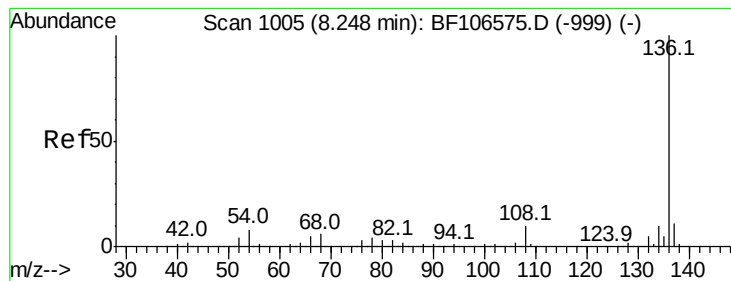
101 0.0 7.4 11.2#

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# 1003

Delta R.T. -0.01 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 254891

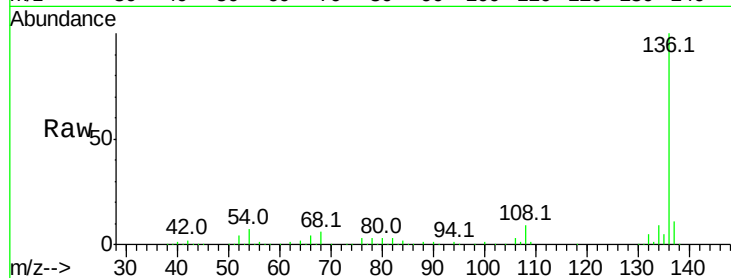
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

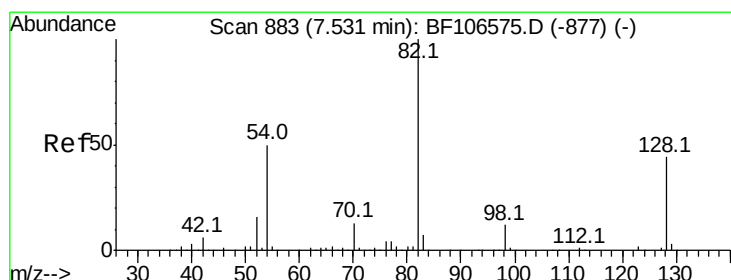
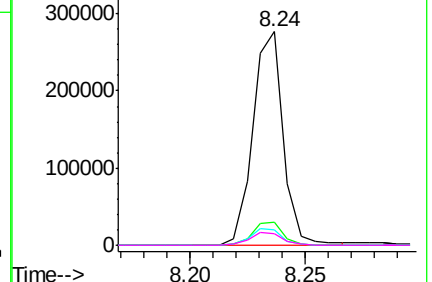
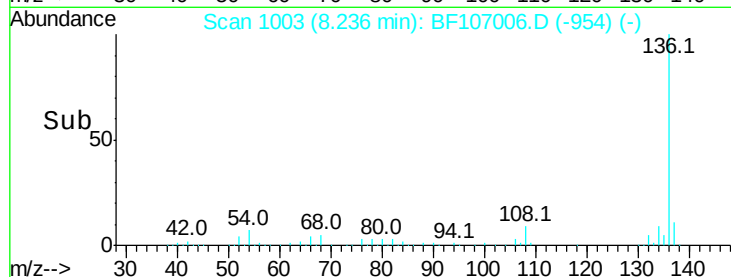


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.398 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

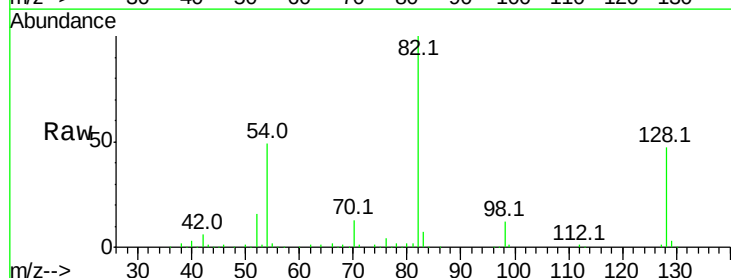
Tgt Ion: 82 Resp: 318296

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

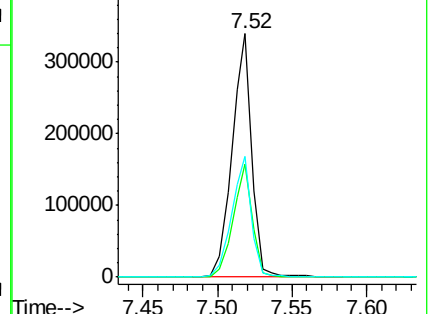
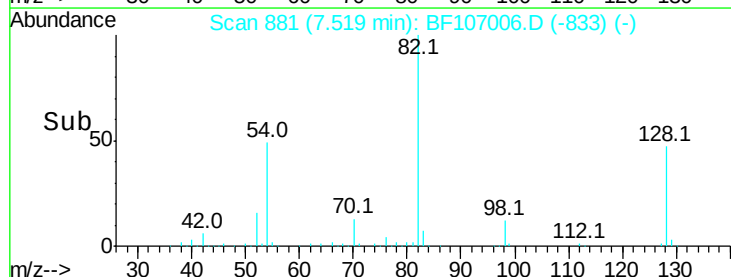
54 49.4 41.4 62.2

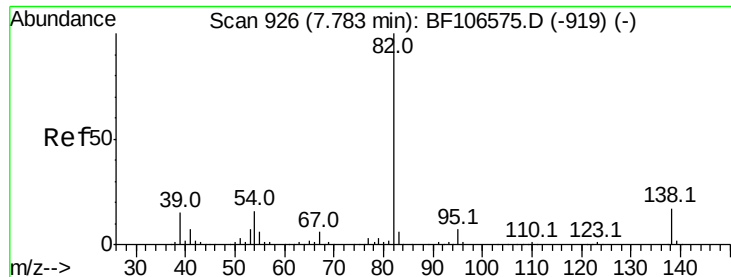


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.382 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampleId :

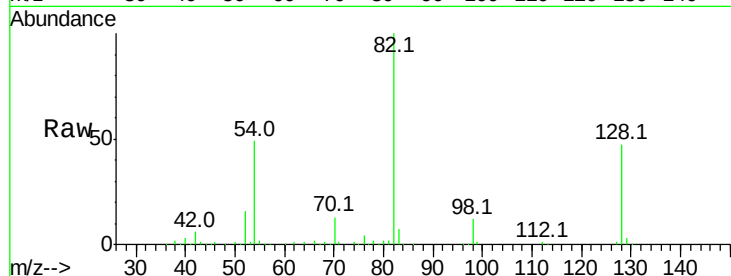
Tot Ion: 82 Resp: 318293

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

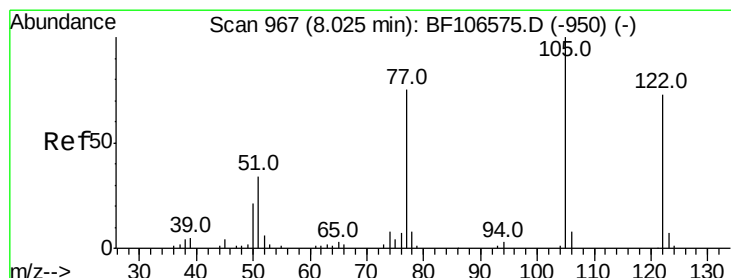
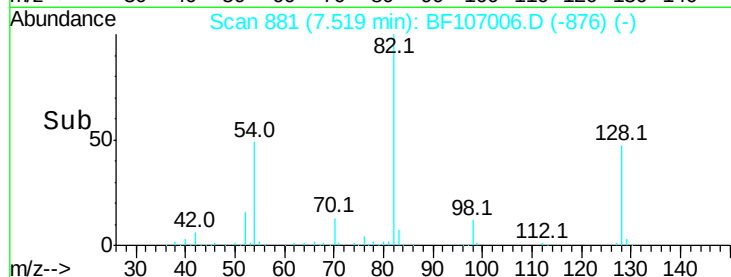
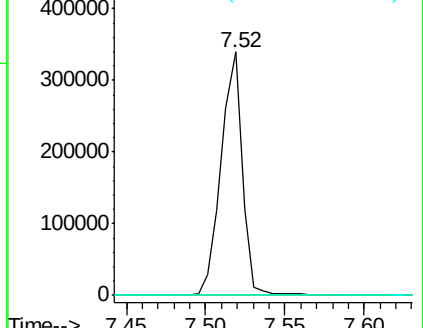
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 5.826 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

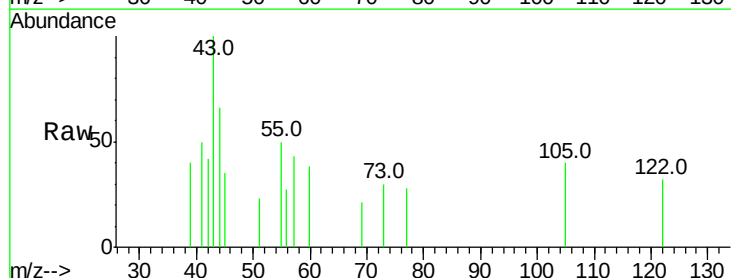
Tgt Ion: 122 Resp: 269

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

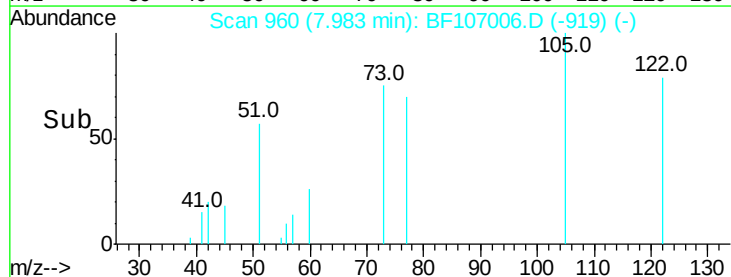
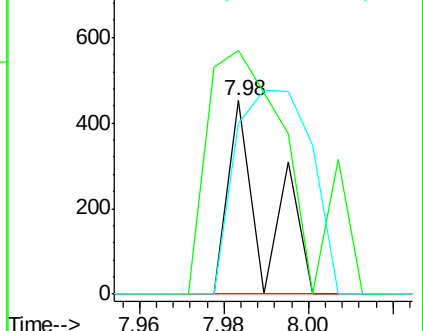
77 88.3 70.7 110.7

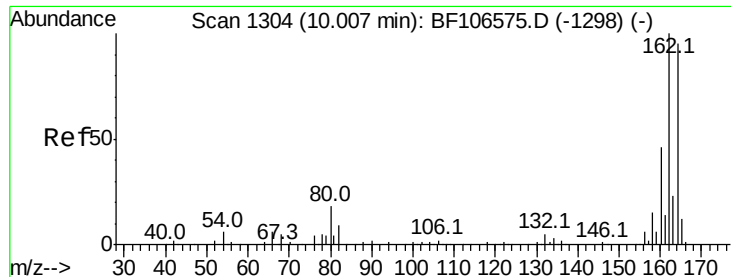


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

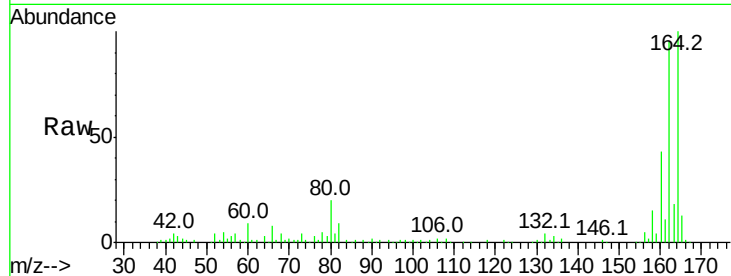




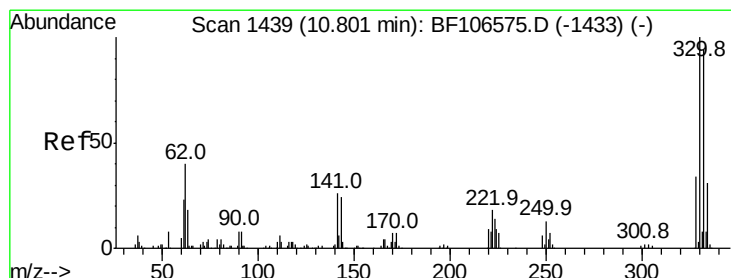
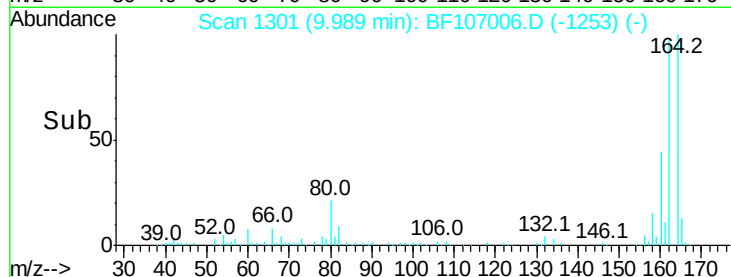
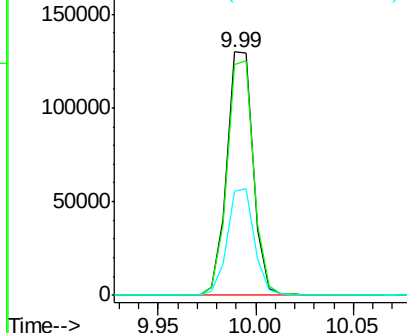
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107006.D
Acq: 30 Jun 2018 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 121795
Ion Ratio Lower Upper
164 100
162 94.6 86.1 129.1
160 42.6 38.3 57.5

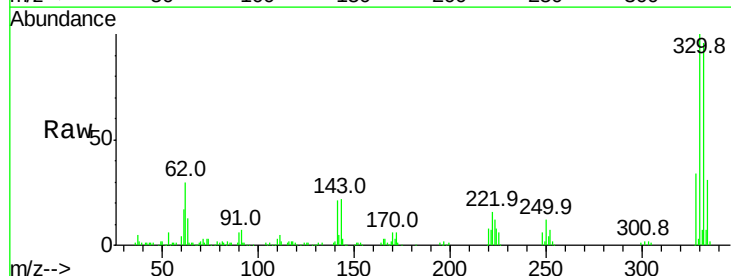


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

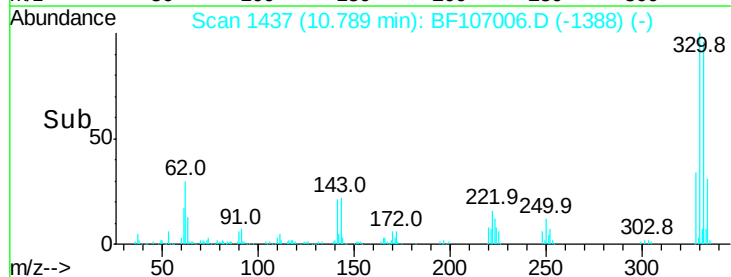
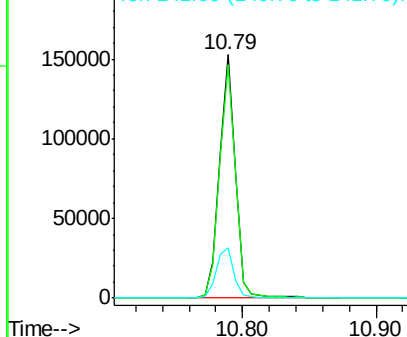


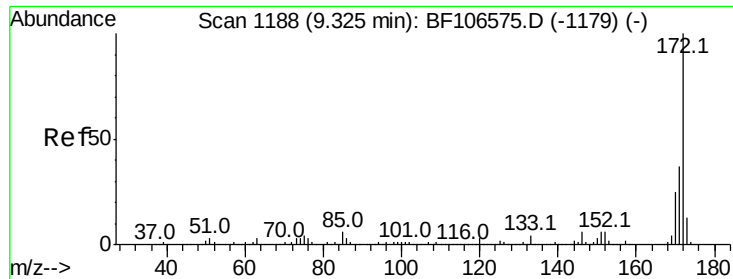
#41
2,4,6-Tribromophenol
Concen: 91.838 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107006.D
Acq: 30 Jun 2018 11:30

Tgt Ion:330 Resp: 129642
Ion Ratio Lower Upper
330 100
332 97.4 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

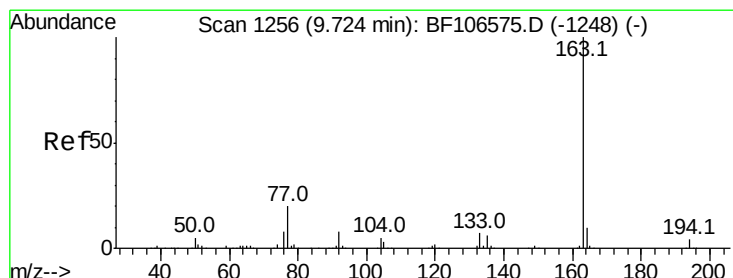
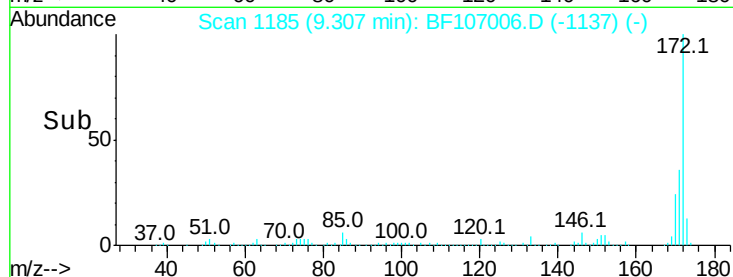
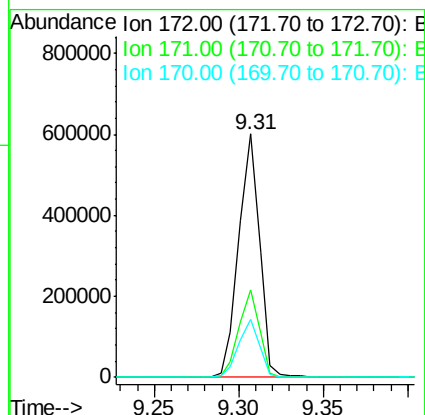
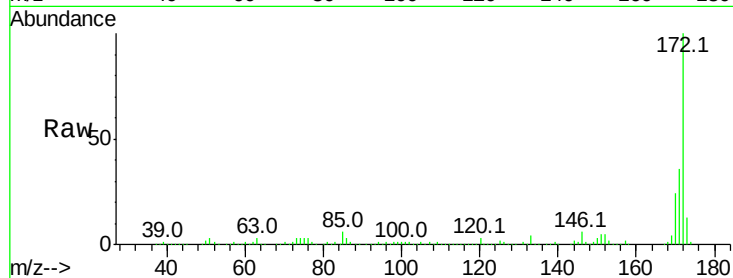




#44
 2-Fluorobiphenyl
 Concen: 69.389 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107006.D
 Acq: 30 Jun 2018 11:30

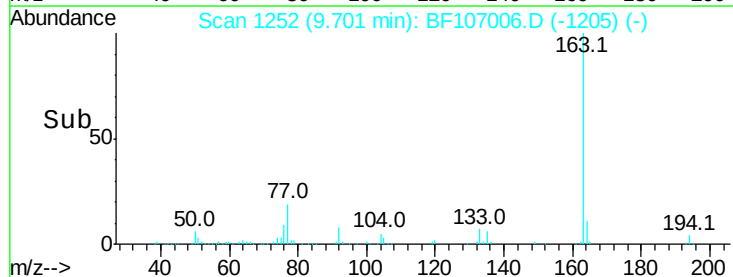
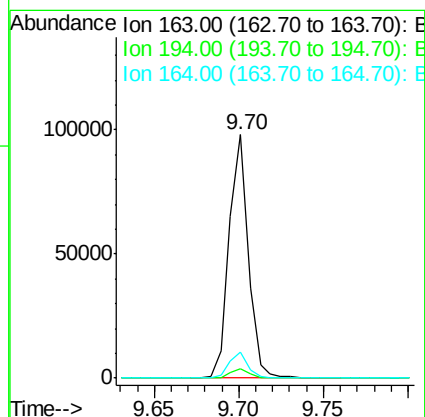
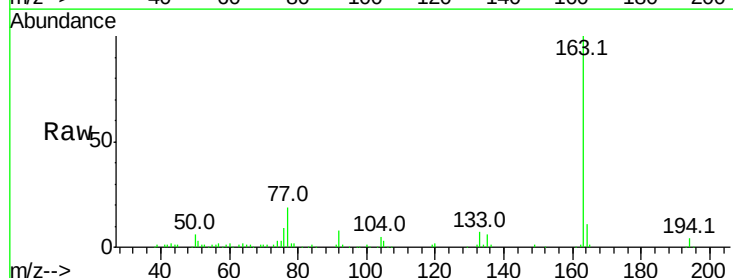
Instrument :
 BNA_F
 ClientSampleId :

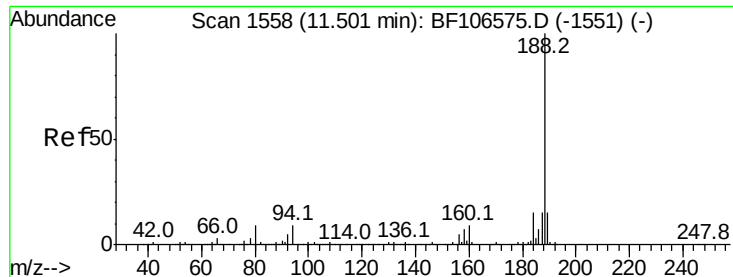
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



#49
 Dimethylphthalate
 Concen: 8.507 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107006.D
 Acq: 30 Jun 2018 11:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

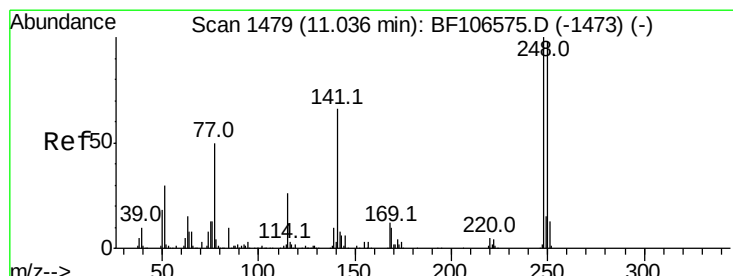
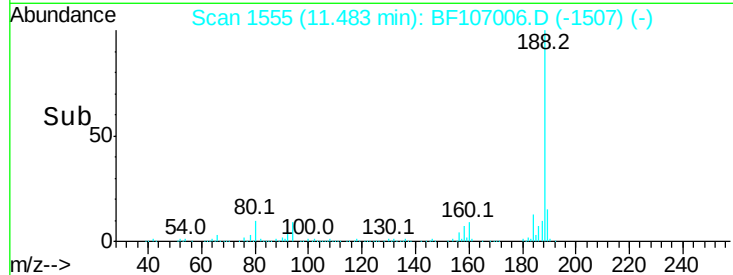
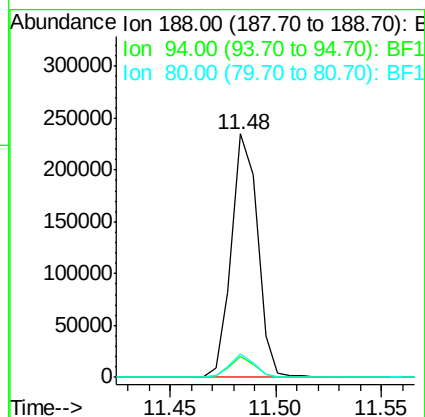
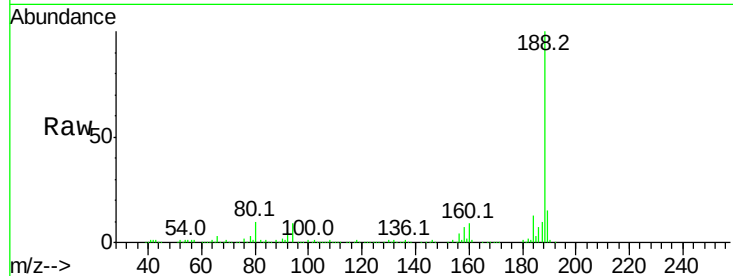




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107006.D
 Acq: 30 Jun 2018 11:30

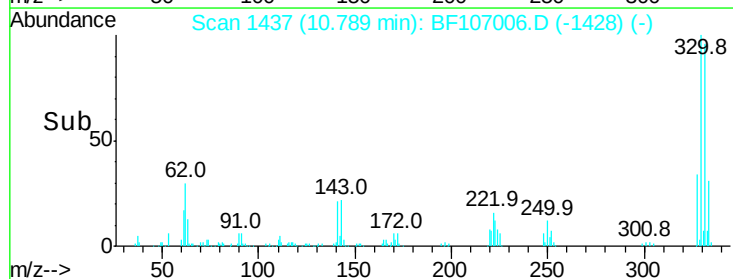
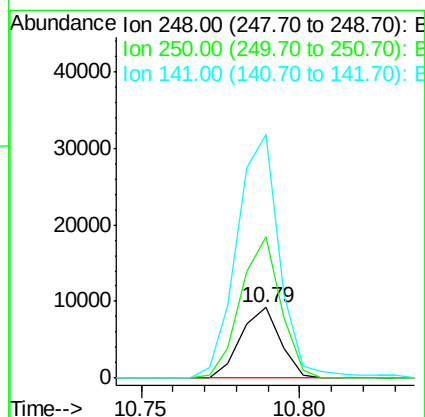
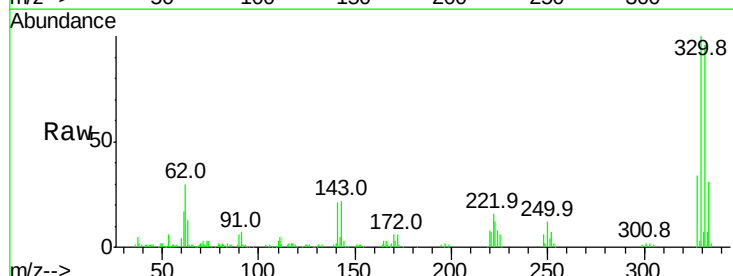
Instrument :
 BNA_F
 ClientSampleId :

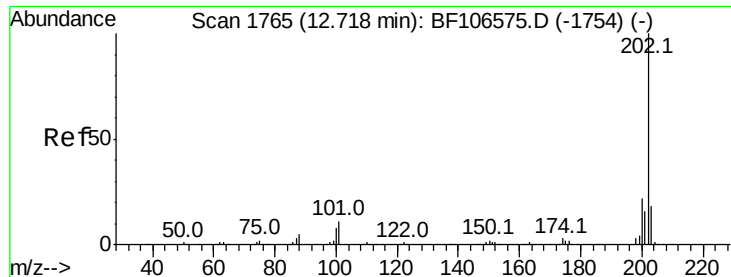
Tot Ion:188 Resp: 201152
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.320 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107006.D
 Acq: 30 Jun 2018 11:30

Tgt Ion:248 Resp: 7971
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 344.7 74.4 111.6#





#74

Fluoranthene

Concen: 2.105 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampleId :

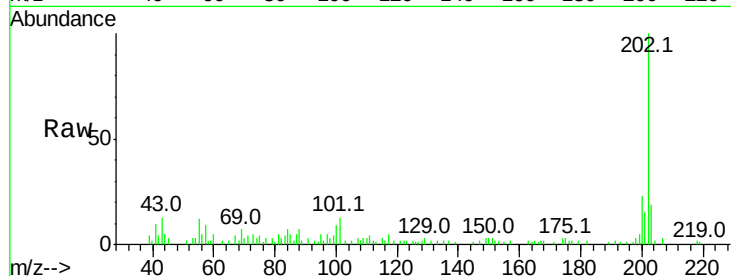
Tot Ion:202 Resp: 22512

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

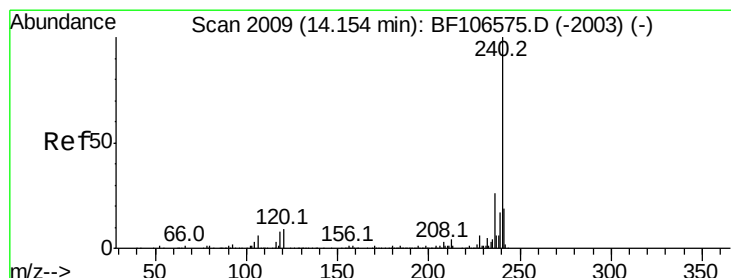
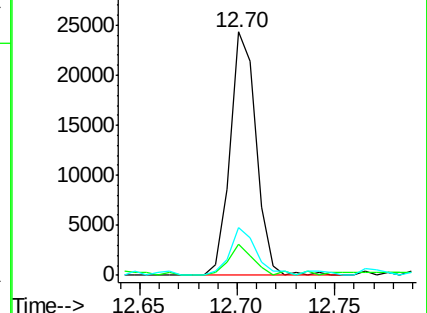
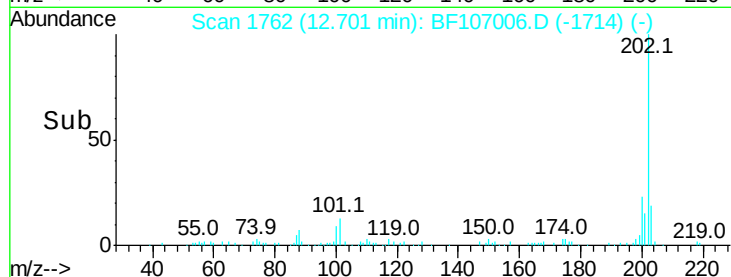
203 19.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

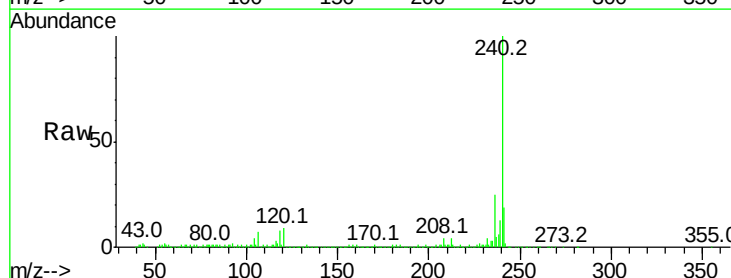
Tgt Ion:240 Resp: 218520

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

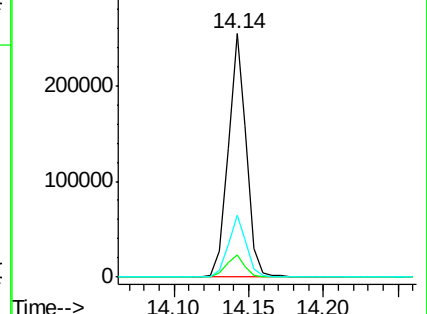
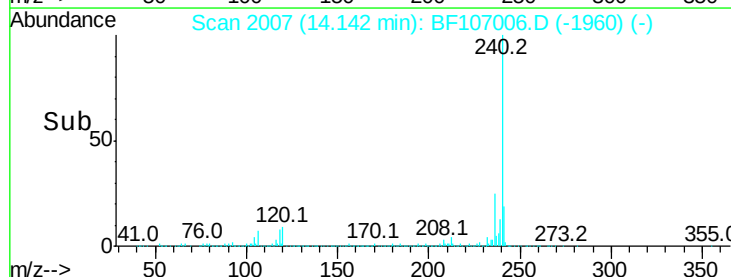
236 25.4 20.7 31.1

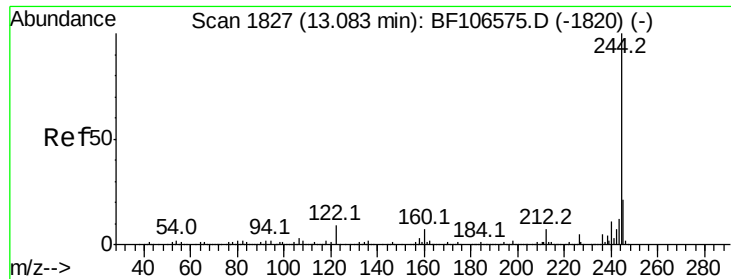


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.550 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampleId :

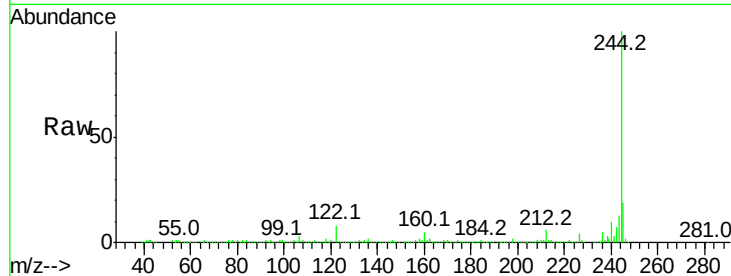
Tot Ion:244 Resp: 519171

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 7.7 11.0 16.4#

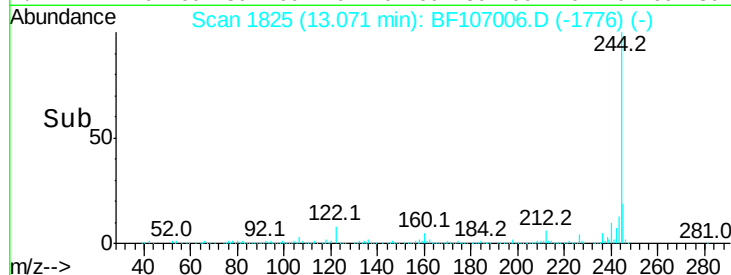


Abundance Ion 244.00 (243.70 to 244.70): E

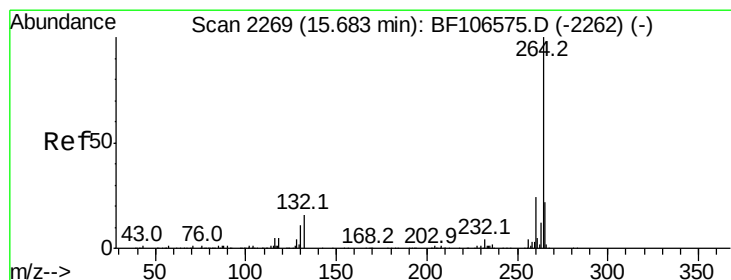
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.07



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

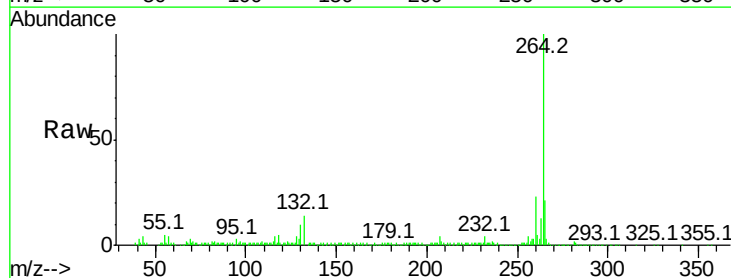
Tgt Ion:264 Resp: 218706

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.5 26.3

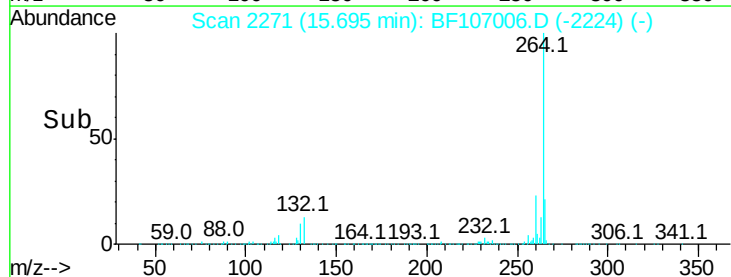


Abundance Ion 264.00 (263.70 to 264.70): E

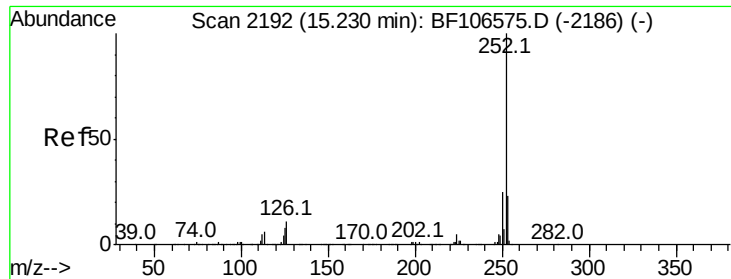
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.69



Time-->



#87

Benzo(b)fluoranthene

Concen: 2.912 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

Instrument :

BNA_F

ClientSampled :

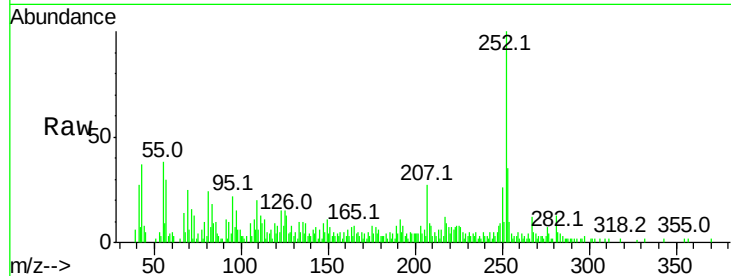
Tot Ion:252 Resp: 39556

Ion Ratio Lower Upper

252 100

253 34.5 17.0 25.6#

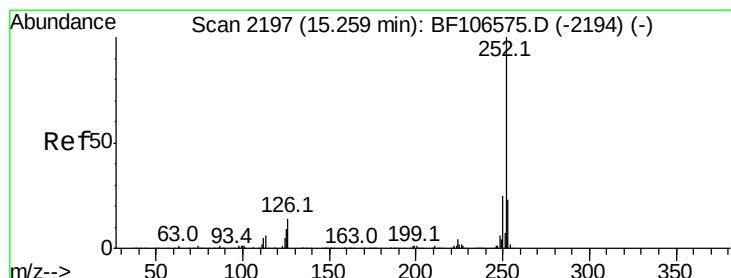
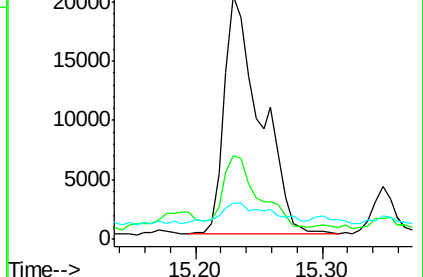
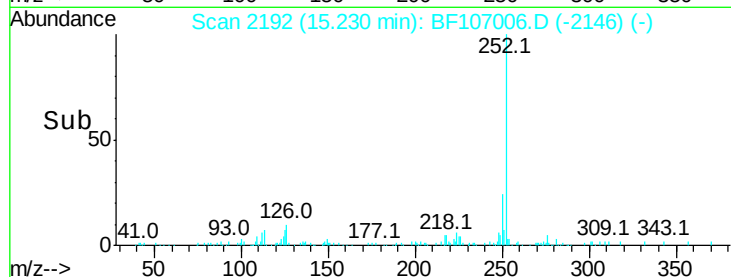
125 14.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.057 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.06 min

Lab File: BF107006.D

Acq: 30 Jun 2018 11:30

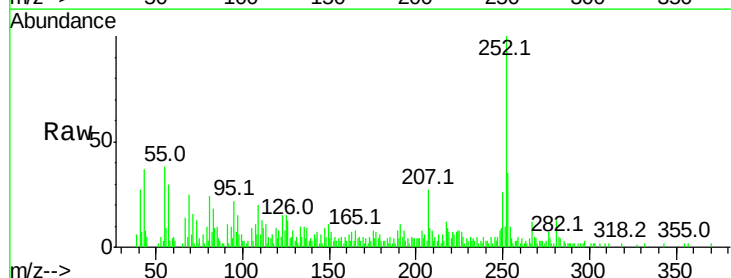
Tgt Ion:252 Resp: 39556

Ion Ratio Lower Upper

252 100

253 34.5 17.9 26.9#

125 14.7 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

