

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106518.D
 Acq On : 16 Jun 2018 3:52
 Operator : JU/SJ
 Sample : J3449-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELD-BLANK-3-6-11-18

Quant Time: Jun 16 05:49:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

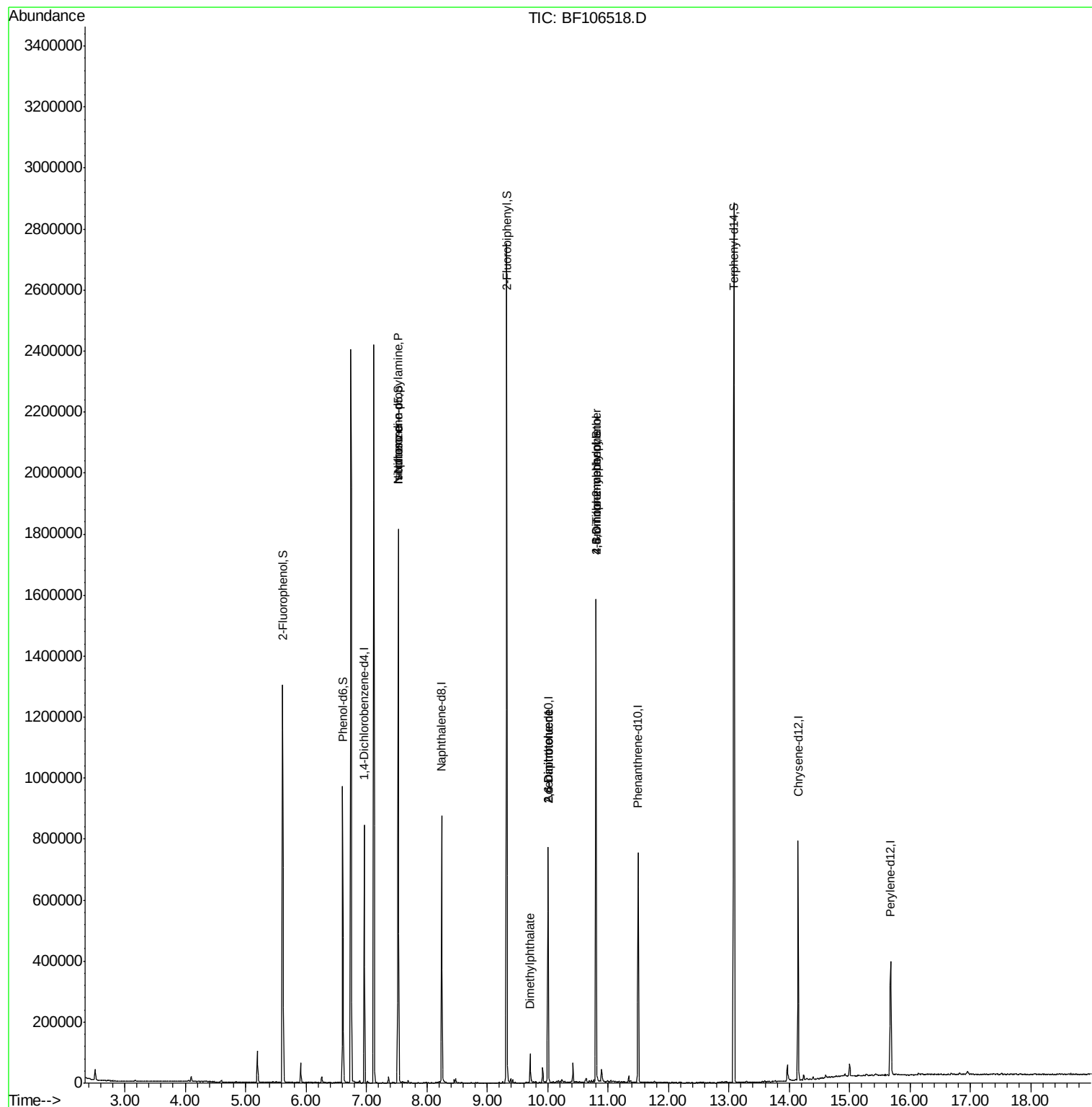
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109548	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	362217	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	141764	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	264399	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276075	20.00	ng	0.00
86) Perylene-d12	15.68	264	183102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	379820	58.68	ng	0.00
7) Phenol-d6	6.61	99	277811	33.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	604098	98.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	202420	148.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	925816	142.13	ng	0.00
78) Terphenyl-d14	13.08	244	1064863	95.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	81802	13.334	ng	# 74
25) Isophorone	7.53	82	604089	50.230	ng	# 64
49) Dimethylphthalate	9.71	163	36757	3.629	ng	# 96
50) 2,6-Dinitrotoluene	10.01	165	17288	8.356	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	17288	6.654	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	313	6.485	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13033	4.334	ng	# 1

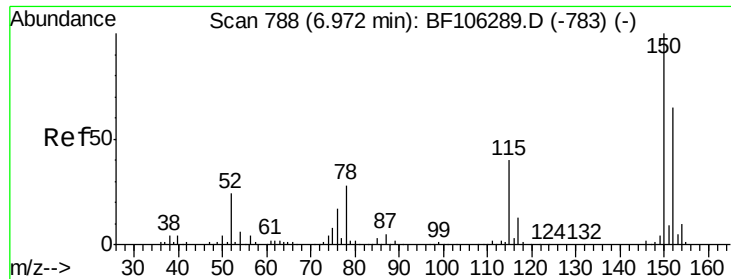
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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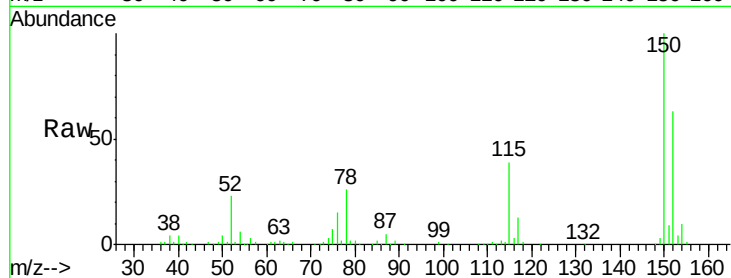




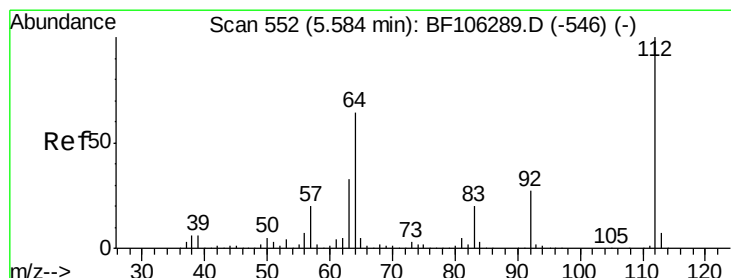
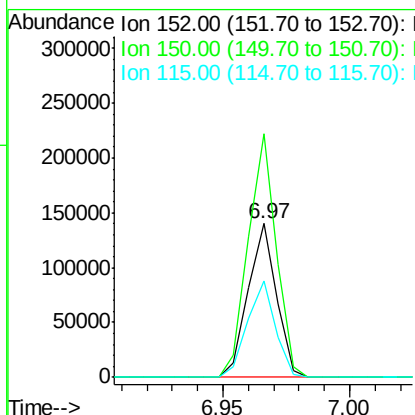
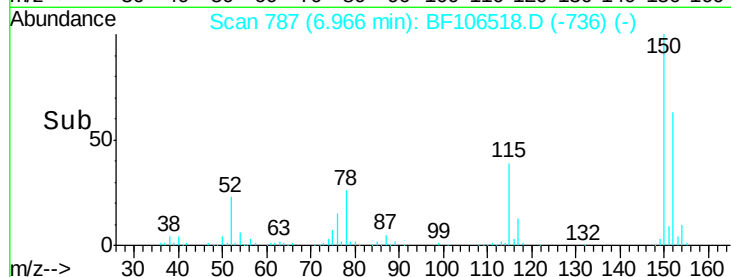
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106518.D
 Acq: 16 Jun 2018 3:52

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICA-FIELD-BLANK-3-6-11-18

Tgt Ion:152 Resp: 109548
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 62.3 50.1 75.1

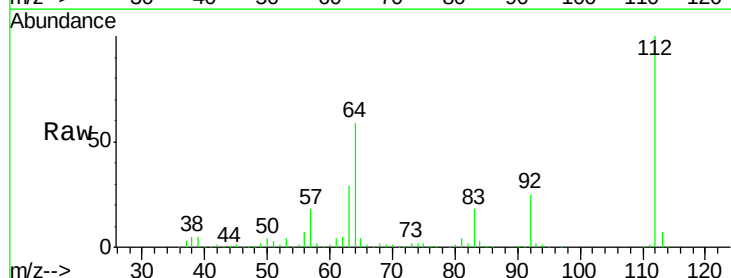


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

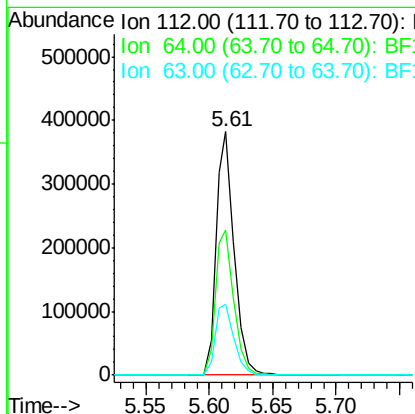
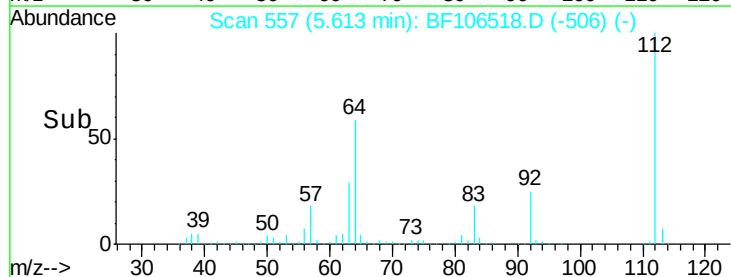


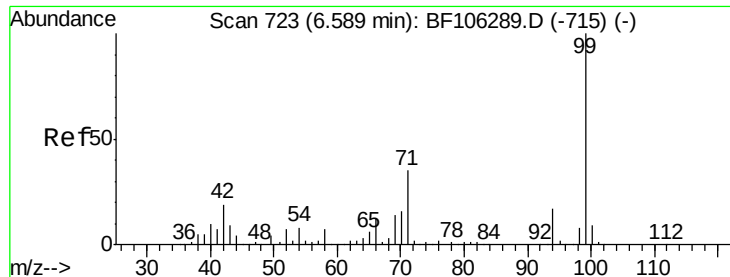
#5
 2-Fluorophenol
 Concen: 58.682 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106518.D
 Acq: 16 Jun 2018 3:52

Tgt Ion:112 Resp: 379820
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 29.2 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: 33.973 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELD-BLANK-3-6-11-18

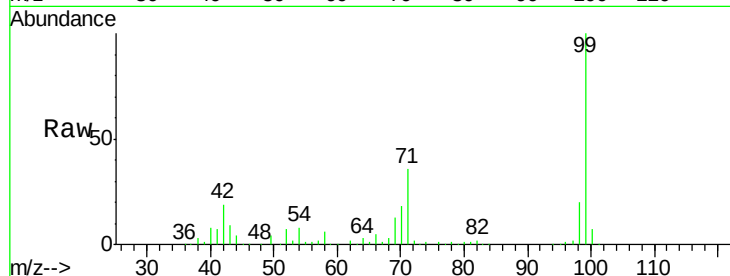
Tgt Ion: 99 Resp: 277811

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

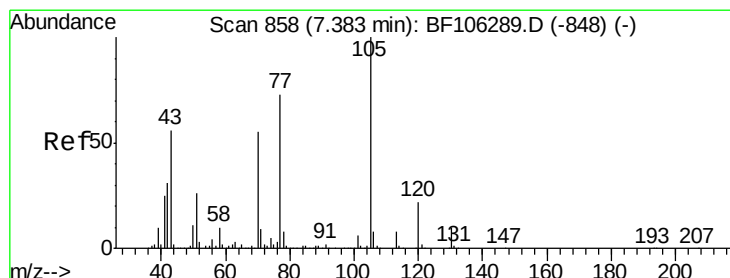
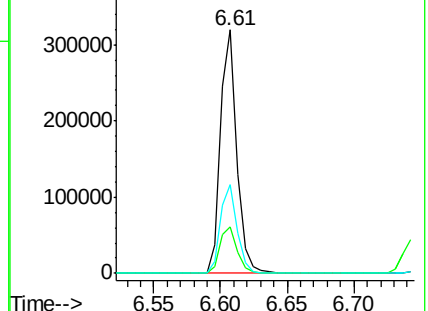
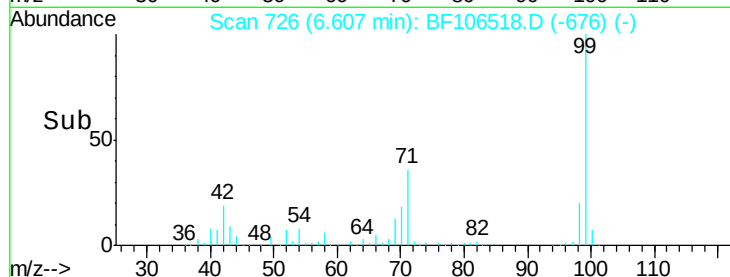
71 36.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.334 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Tgt Ion: 70 Resp: 81802

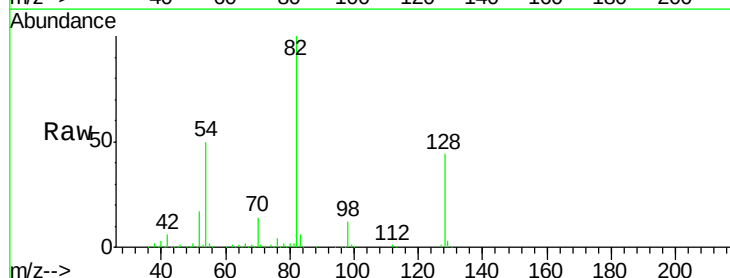
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

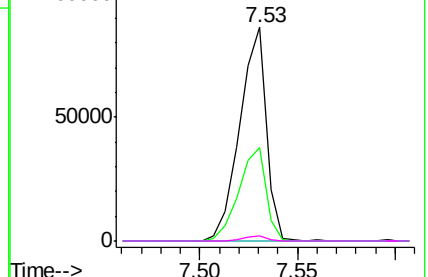
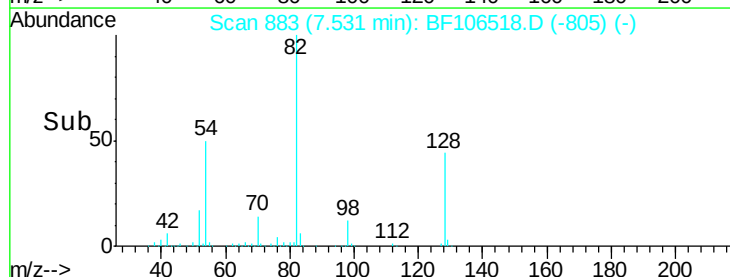


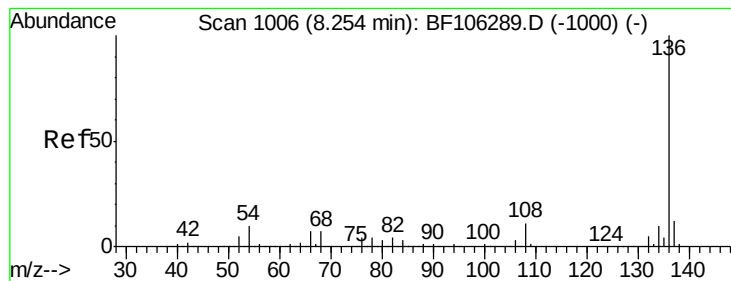
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Instrument :

BNA_F

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JAMAICA-FIELD-BLANK-3-6-11-18

Tgt Ion: 136 Resp: 362217

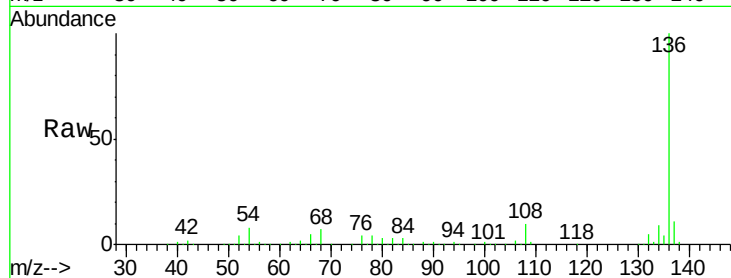
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.6 5.0 7.4

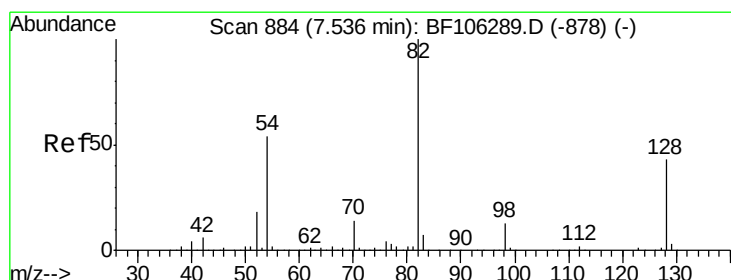
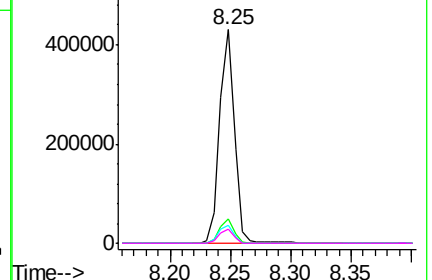
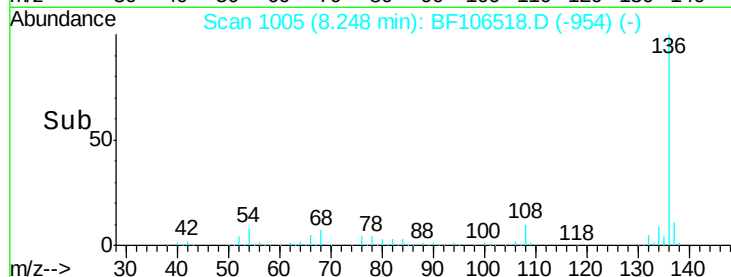


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.113 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

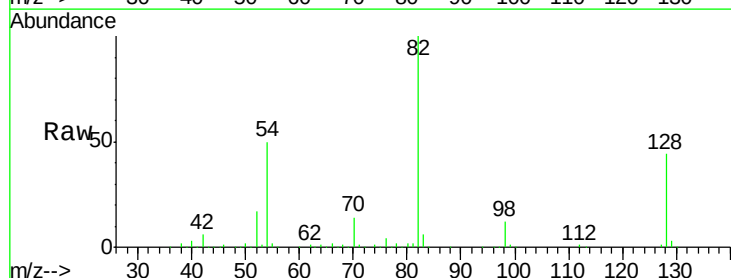
Tgt Ion: 82 Resp: 604098

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

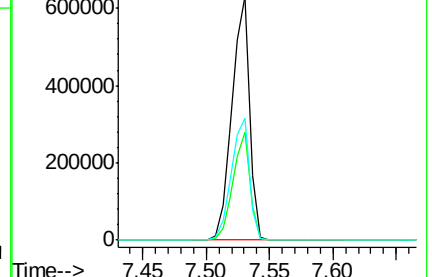
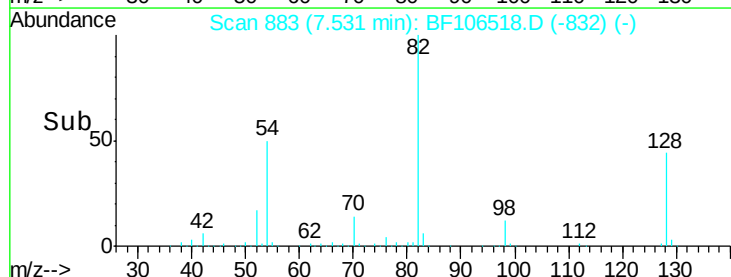
54 50.2 41.4 62.2

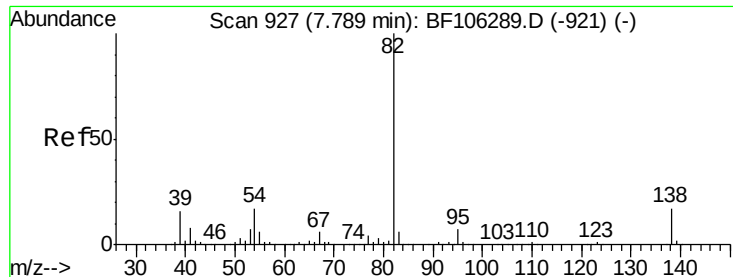


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

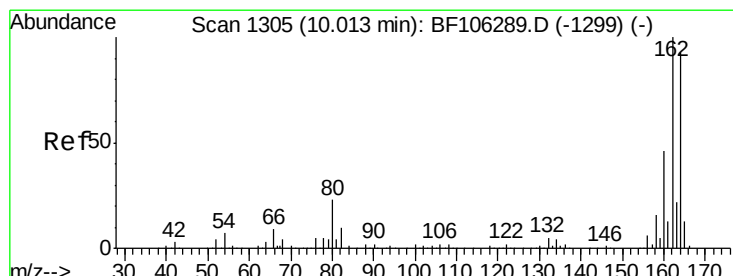
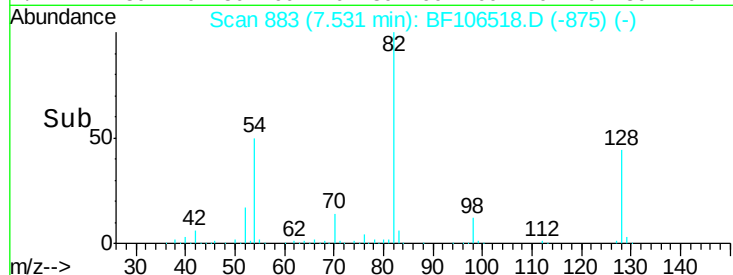
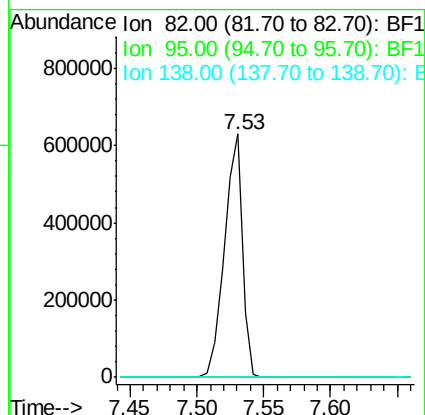
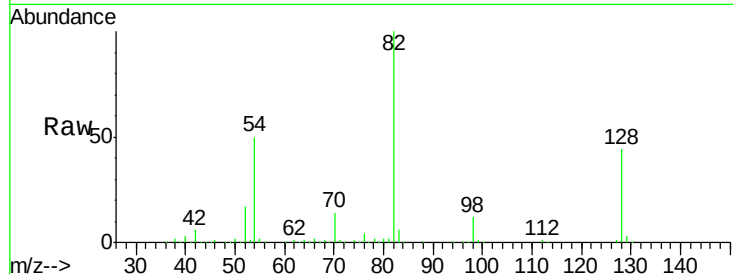




#25
Isophorone
Concen: 50.230 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106518.D
Acq: 16 Jun 2018 3:52

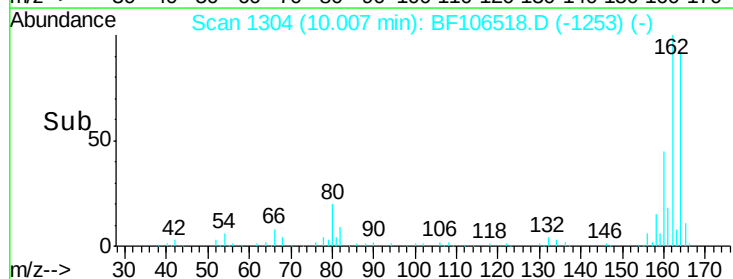
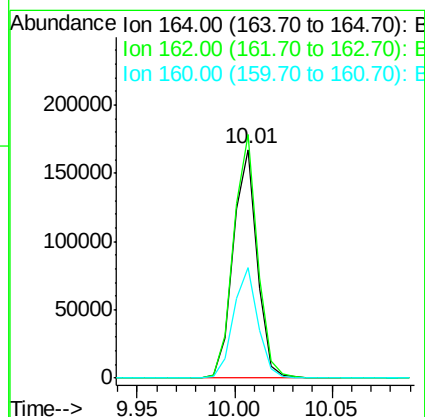
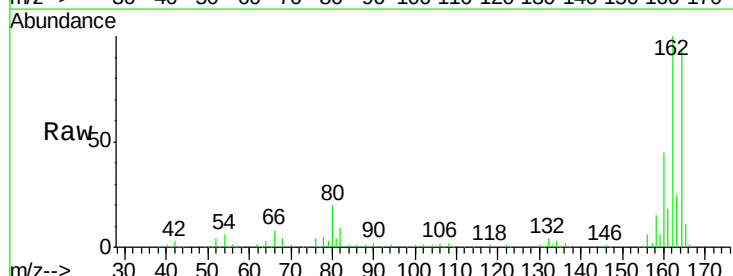
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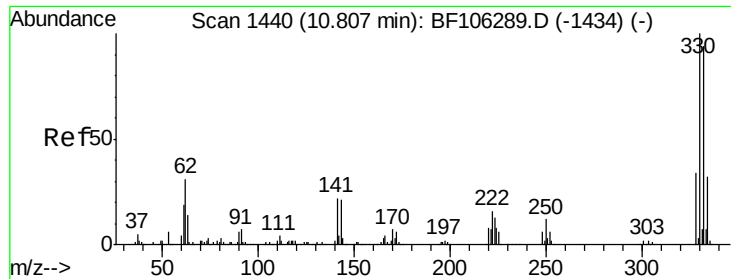
Tgt Ion: 82 Resp: 604089
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106518.D
Acq: 16 Jun 2018 3:52

Tgt Ion: 164 Resp: 141764
Ion Ratio Lower Upper
164 100
162 106.4 86.1 129.1
160 48.3 38.3 57.5

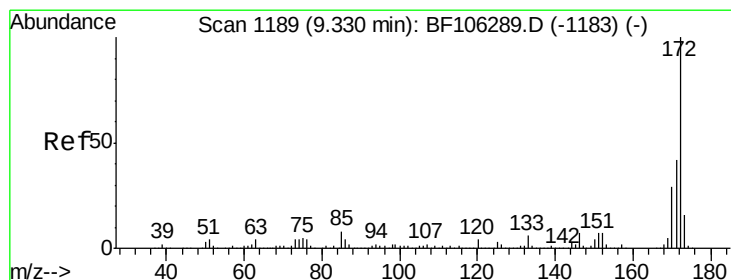
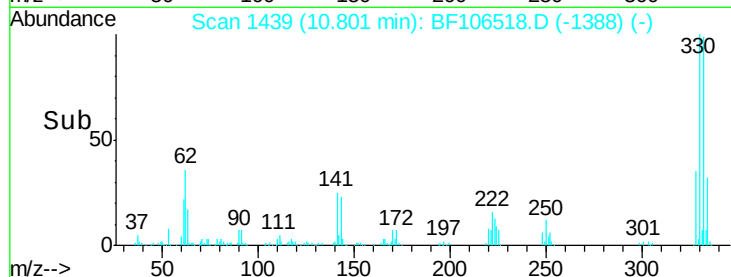
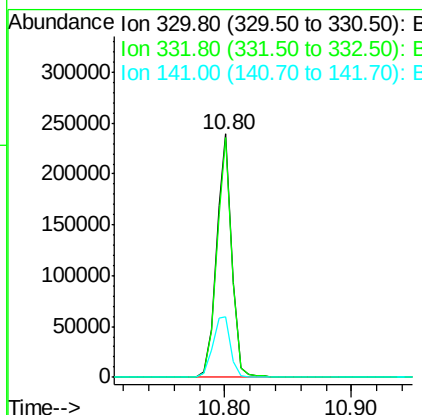
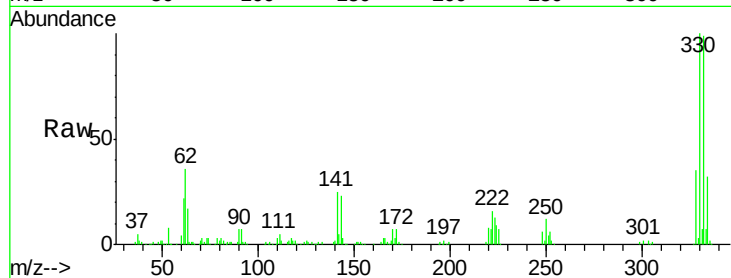




#41
 2,4,6-Tribromophenol
 Concen: 148.400 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106518.D
 Acq: 16 Jun 2018 3:52

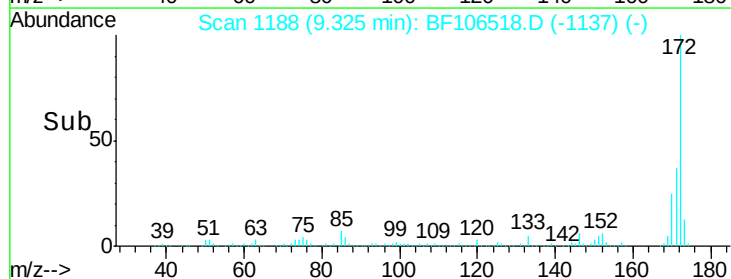
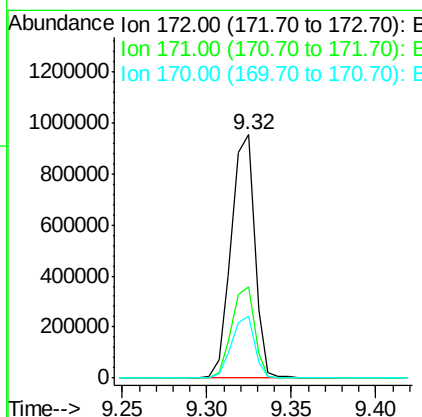
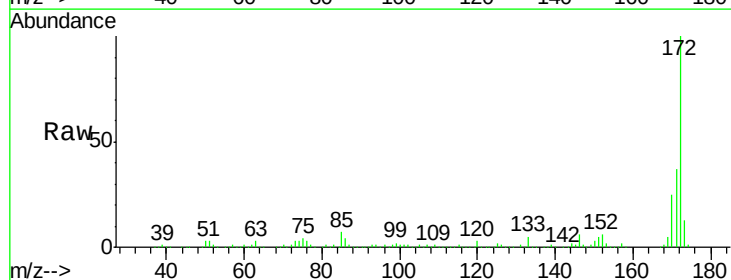
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 BNA_F
 ClientSampleId :
 JAMAICA-FIELD-BLANK-3-6-11-18

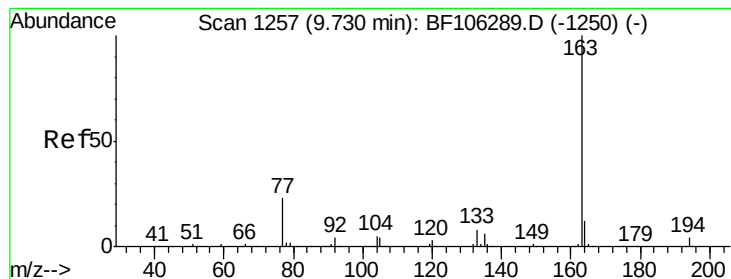
Tgt Ion:330 Resp: 202420
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 29.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 142.131 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106518.D
 Acq: 16 Jun 2018 3:52

Tgt Ion:172 Resp: 925816
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.4 19.6 29.4





#49

Dimethylphthalate

Concen: 3.629 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELD-BLANK-3-6-11-18

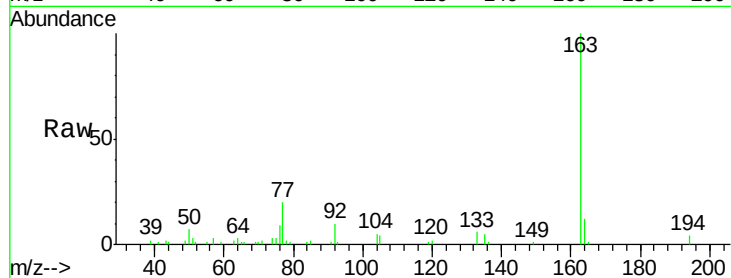
Tgt Ion:163 Resp: 36757

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

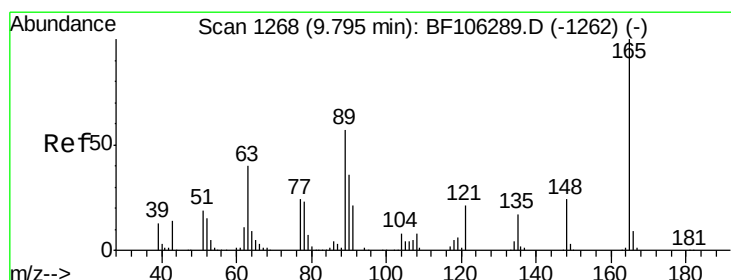
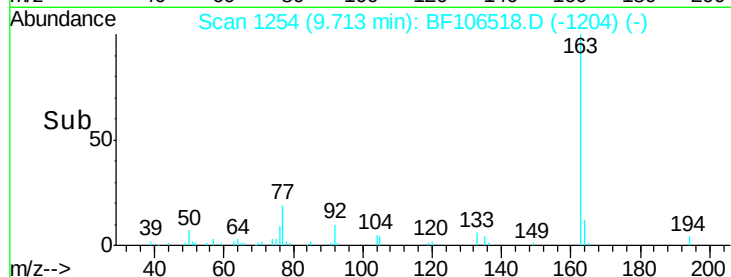
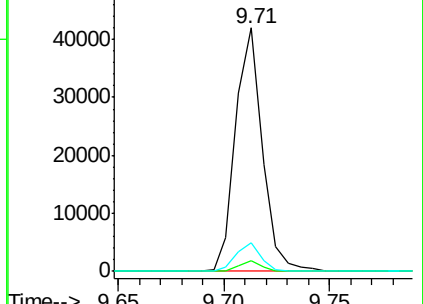
164 11.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.356 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.22 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

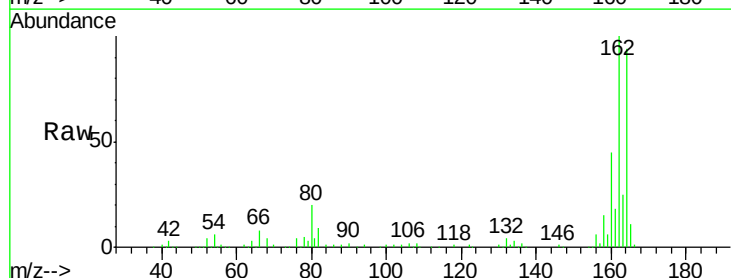
Tgt Ion:165 Resp: 17288

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

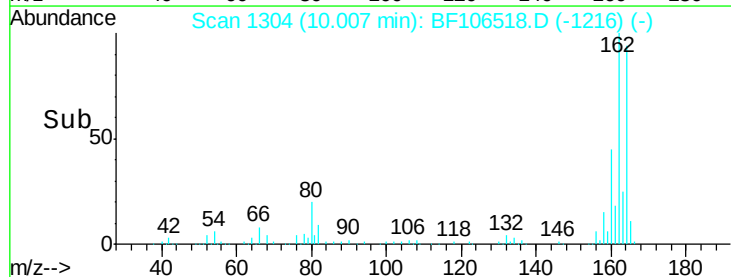
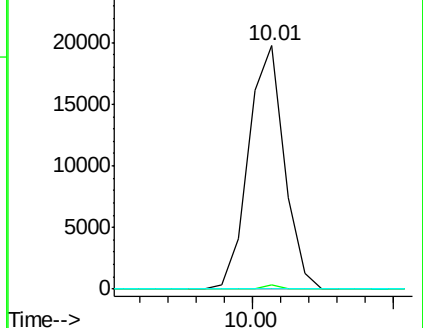
89 0.0 44.0 66.0#

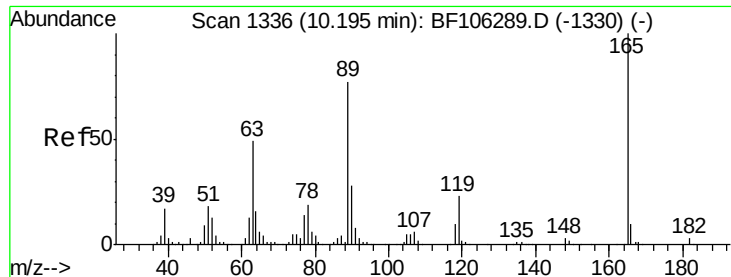


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

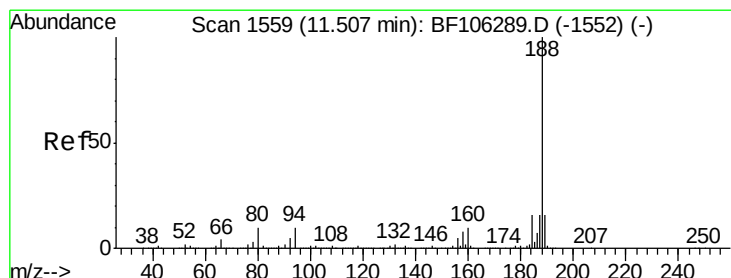
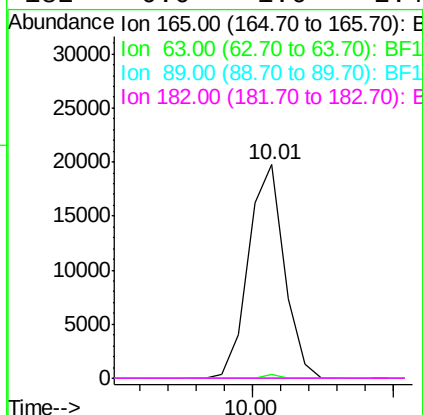
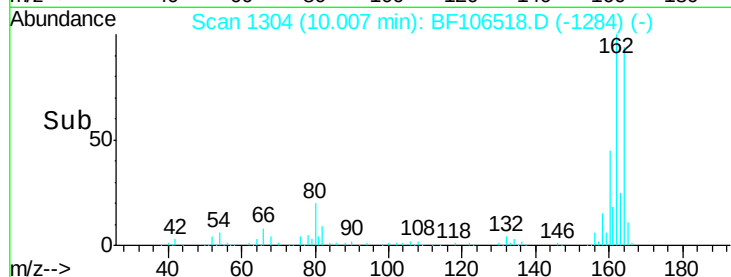
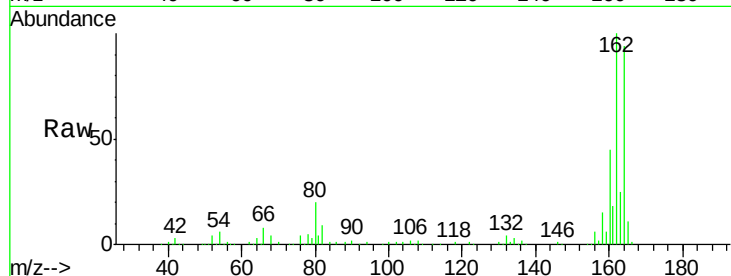




#56
2,4-Dinitrotoluene
Concen: 6.654 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106518.D
Acq: 16 Jun 2018 3:52

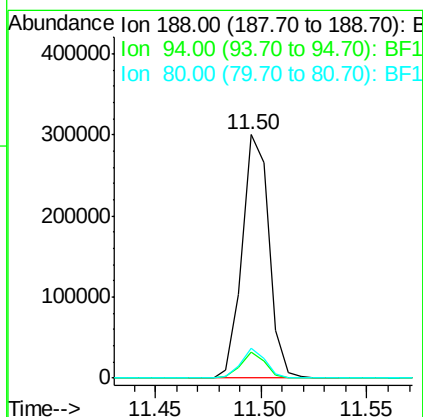
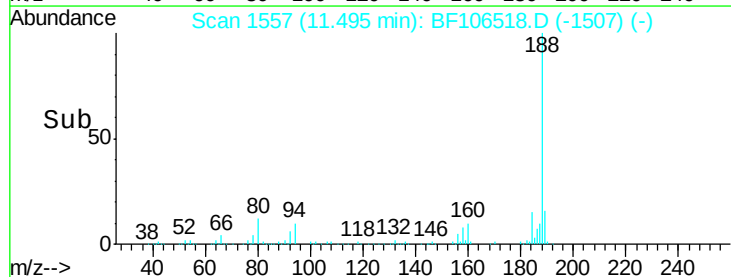
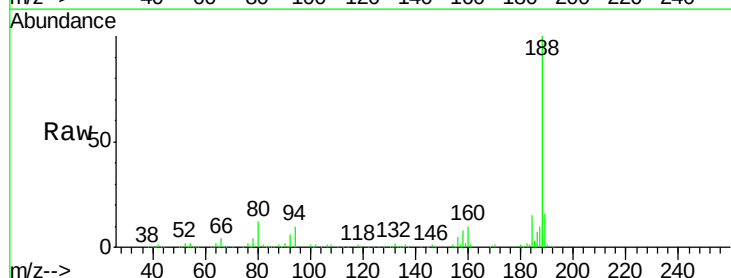
Instrument :
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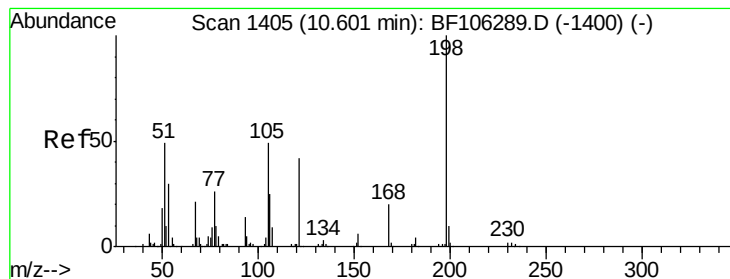
Tgt Ion:	165	Resp:	17288
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106518.D
Acq: 16 Jun 2018 3:52

Tgt Ion:	188	Resp:	264399
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	12.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.485 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELD-BLANK-3-6-11-18

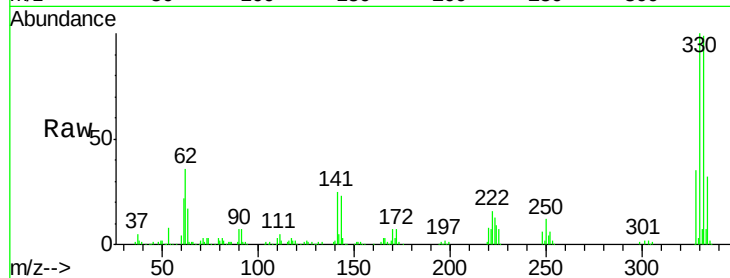
Tgt Ion:198 Resp: 313

Ion Ratio Lower Upper

198 100

51 140.1 37.7 77.7#

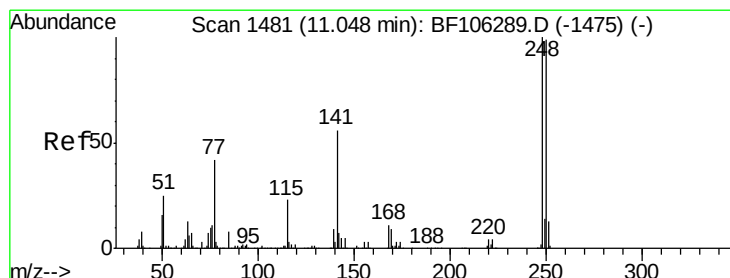
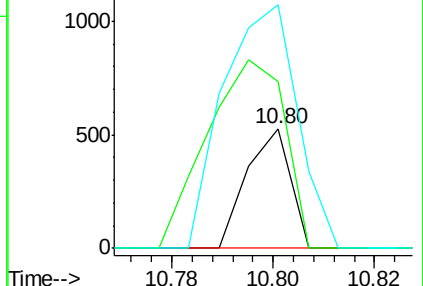
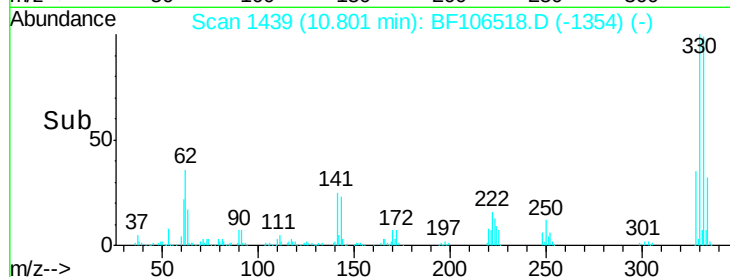
105 203.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.334 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

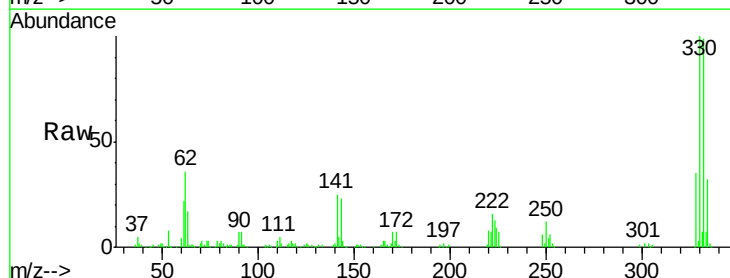
Tgt Ion:248 Resp: 13033

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

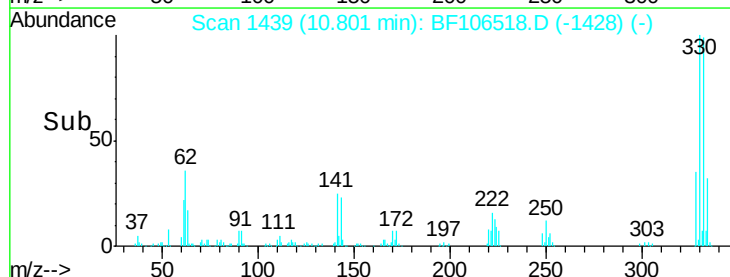
141 403.1 74.4 111.6#



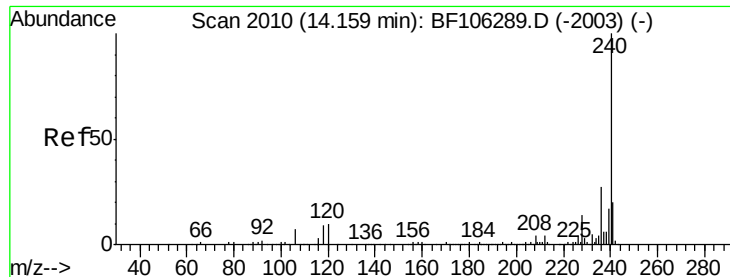
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

Instrument :

BNA_F

ClientSampleId :

JAMAICA-FIELD-BLANK-3-6-11-18

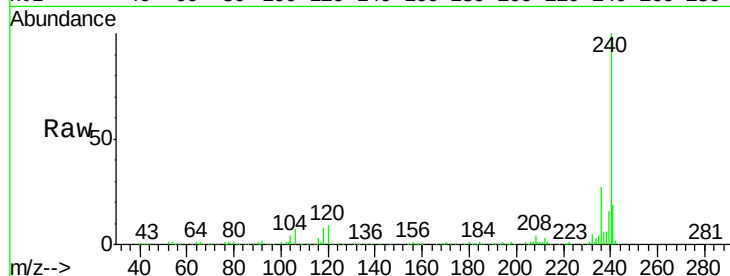
Tgt Ion:240 Resp: 276075

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

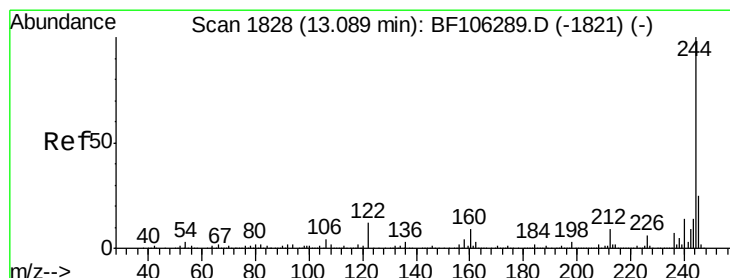
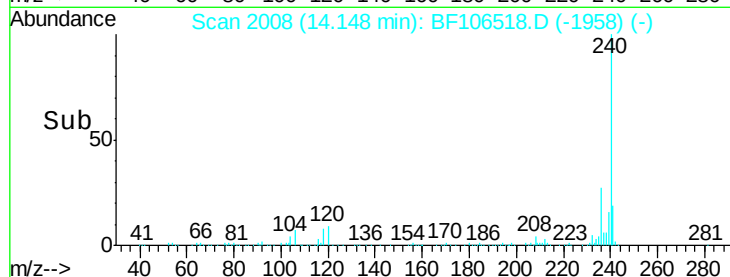
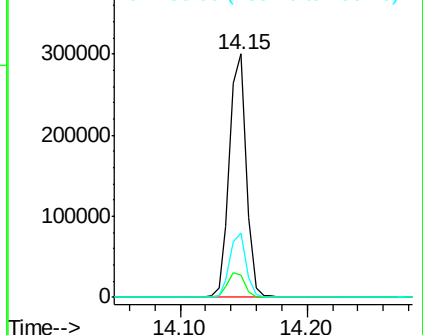
236 26.6 20.7 31.1



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: 95.803 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106518.D

Acq: 16 Jun 2018 3:52

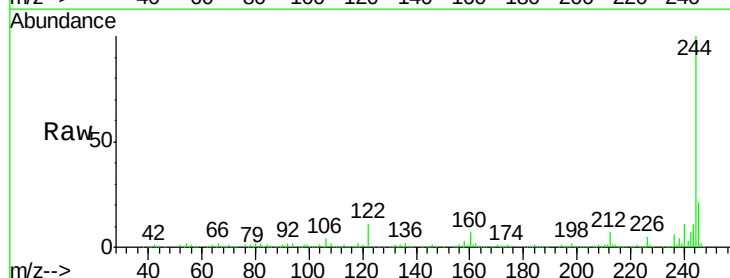
Tgt Ion:244 Resp: 1064863

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

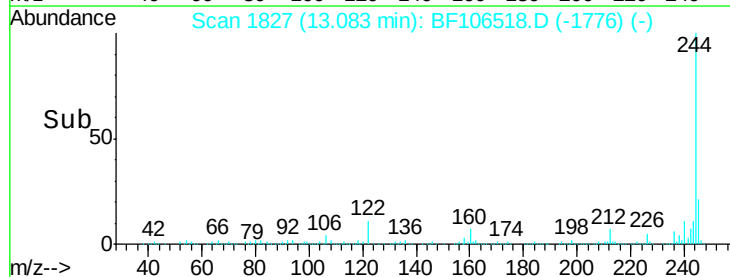
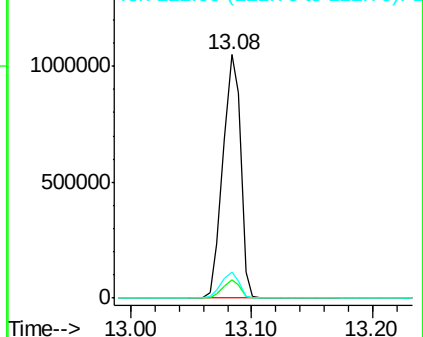
122 10.6 11.0 16.4#

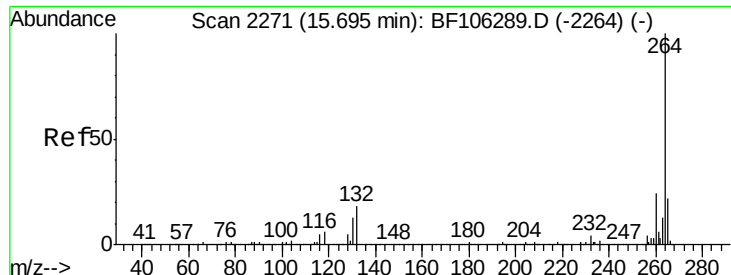


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

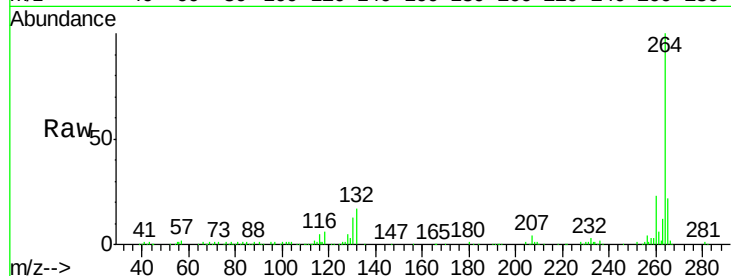




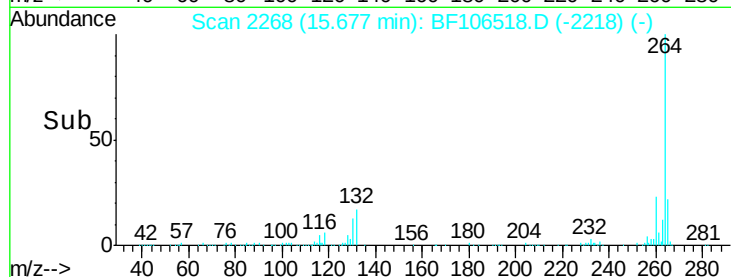
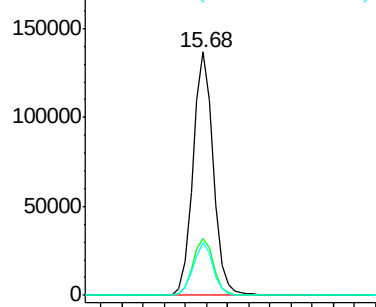
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106518.D
Acq: 16 Jun 2018 3:52

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELD-BLANK-3-6-11-18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	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



Time-->