

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106981.D
 Acq On : 29 Jun 2018 18:54
 Operator : JU/SJ
 Sample : J3629-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C22-02

Quant Time: Jun 29 23:10:04 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

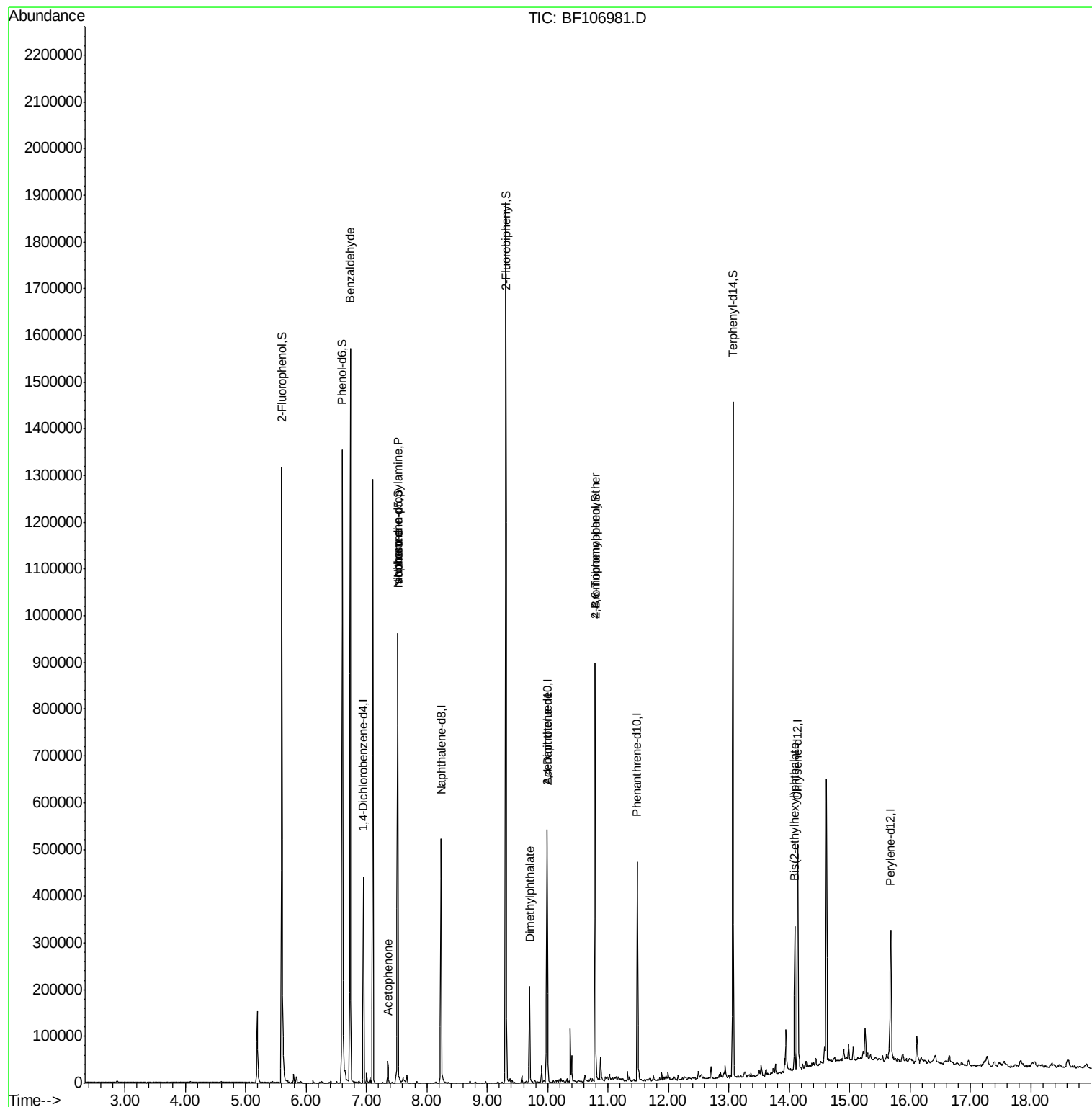
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	256830	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115057	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	190830	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	187899	20.00	ng	-0.02
86) Perylene-d12	15.68	264	145582	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	429754	105.45	ng	0.00
7) Phenol-d6	6.60	99	525266	103.20	ng	-0.01
23) Nitrobenzene-d5	7.52	82	320671	69.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	138448	103.82	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	599850	88.93	ng	-0.02
78) Terphenyl-d14	13.07	244	570179	73.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9087	2.128	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.52	70	42045	12.532	ng	# 71
22) Acetophenone	7.35	105	13702	2.385	ng	# 98
25) Isophorone	7.52	82	320666	39.376	ng	# 64
49) Dimethylphthalate	9.70	163	87046	10.087	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	14328	6.007	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	8680	3.811	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	81503	12.514	ng	99

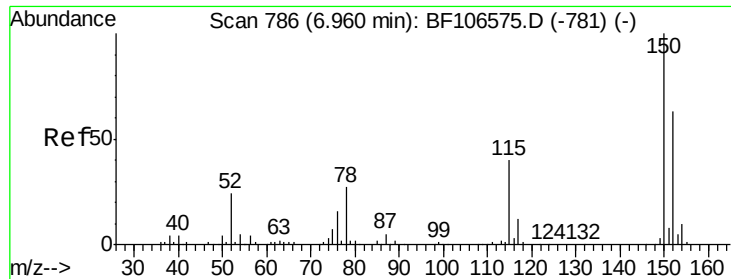
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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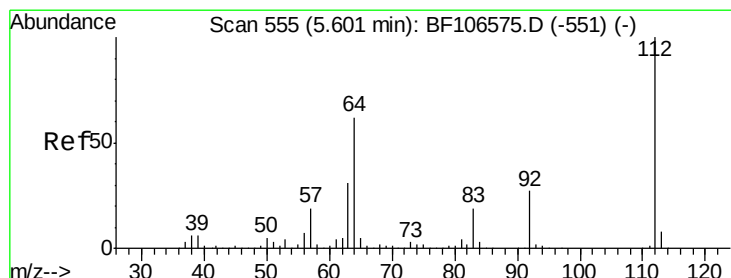
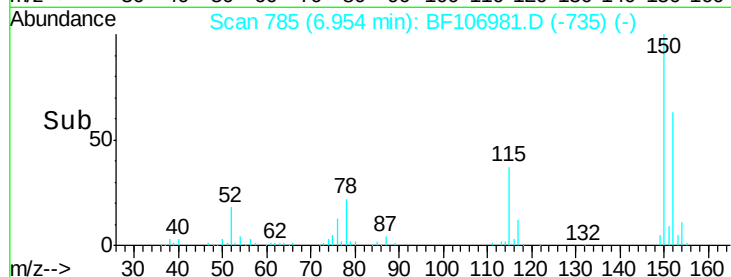
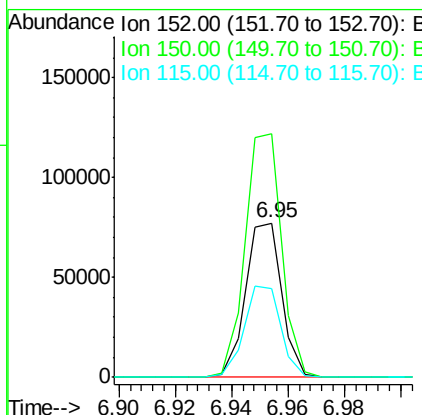
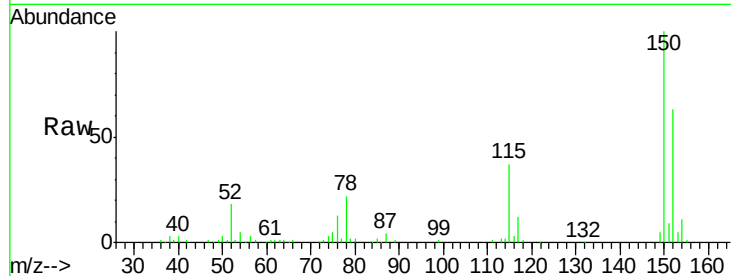




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106981.D
 Acq: 29 Jun 2018 18:54

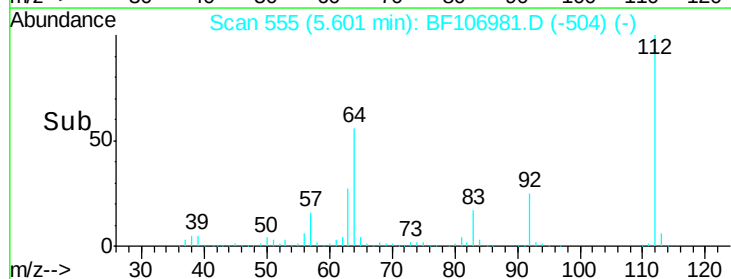
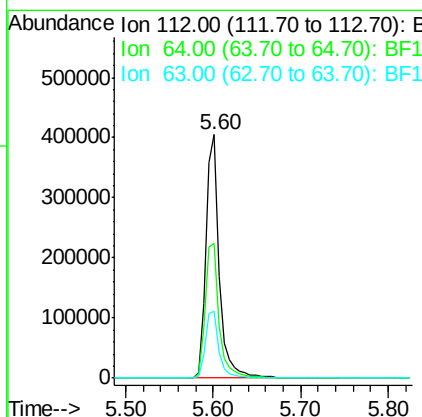
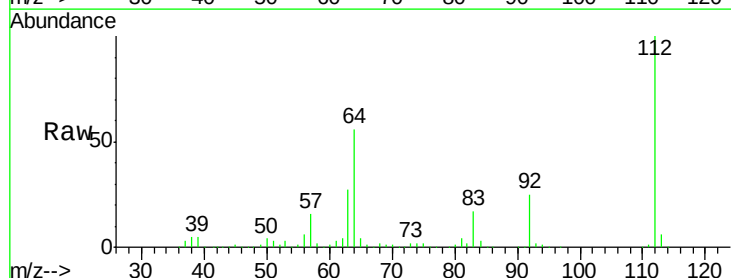
Instrument :
 BNA_F
 ClientSampleId :
 A0C22-02

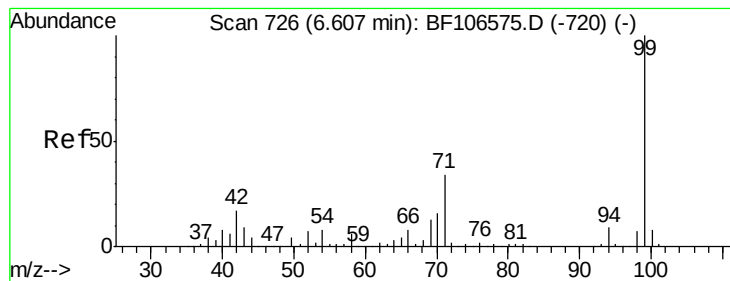
Tgt Ion:152 Resp: 69012
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 57.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 105.447 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106981.D
 Acq: 29 Jun 2018 18:54

Tgt Ion:112 Resp: 429754
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 103.204 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

A0C22-02

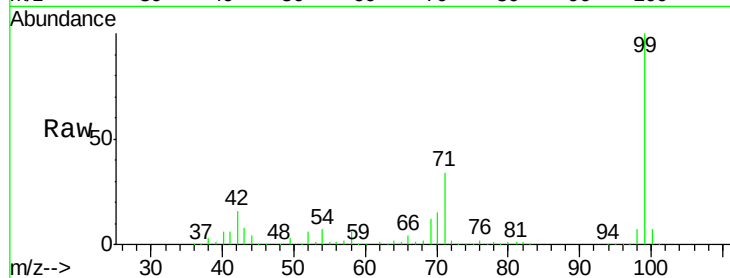
Tgt Ion: 99 Resp: 525266

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

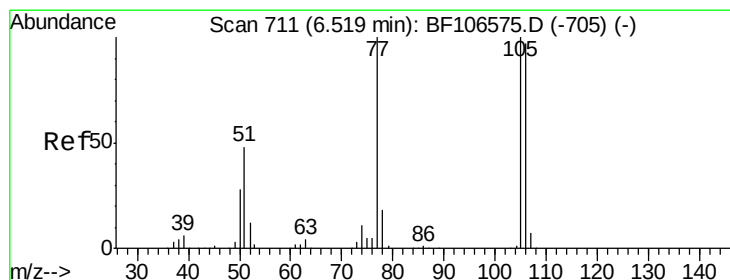
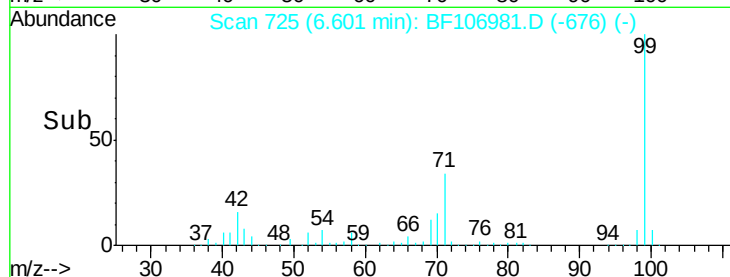
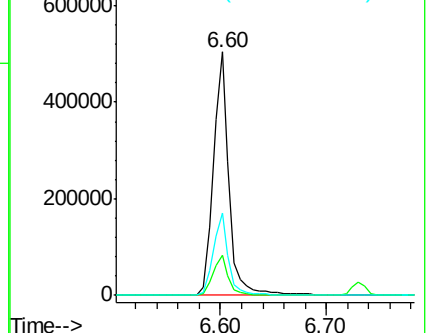
71 33.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.128 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

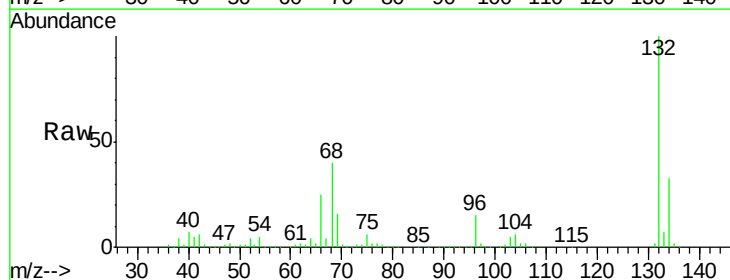
Tgt Ion: 77 Resp: 9087

Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

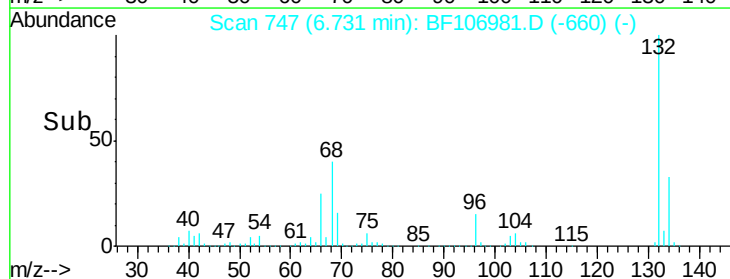
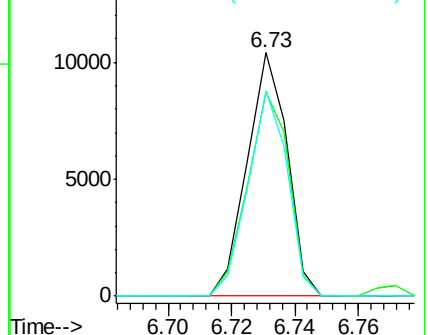
106 84.1 74.5 114.5

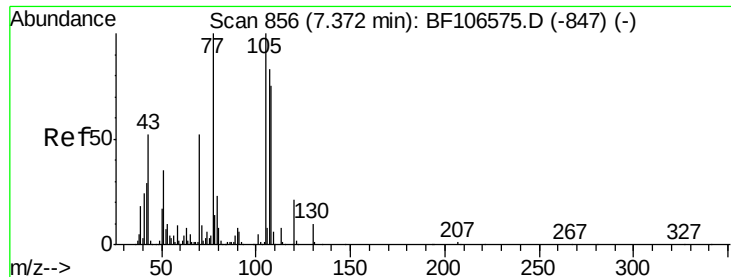


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

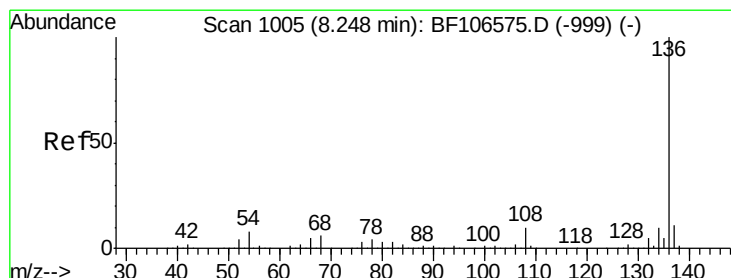
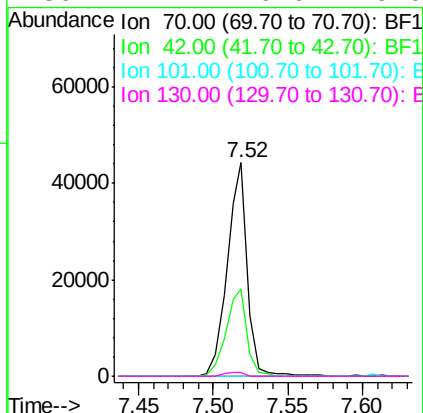
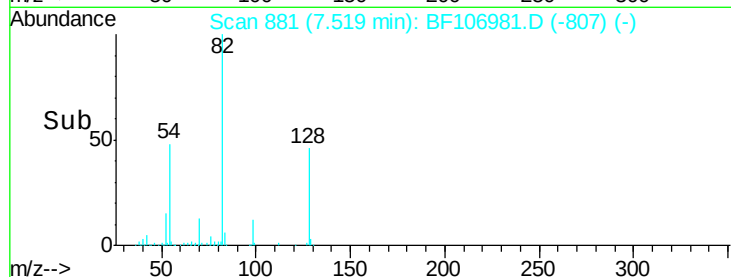
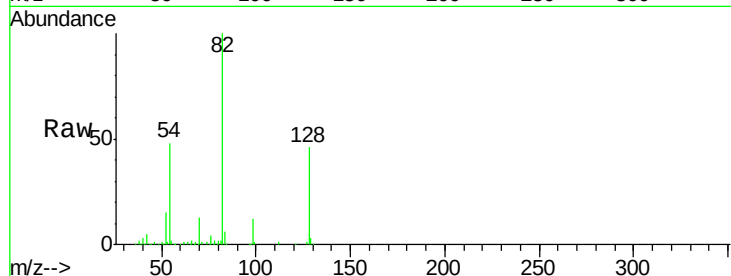




#19
n-Nitroso-di-n-propylamine
Concen: 12.532 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106981.D
Acq: 29 Jun 2018 18:54

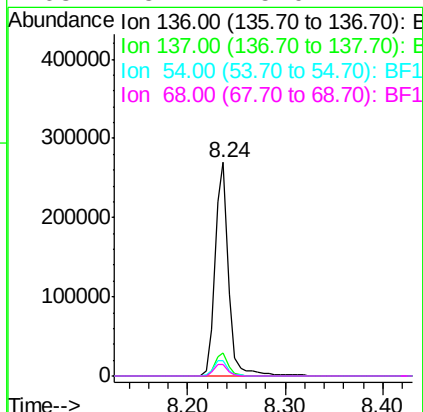
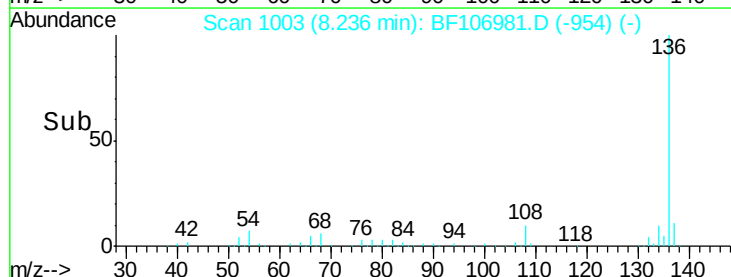
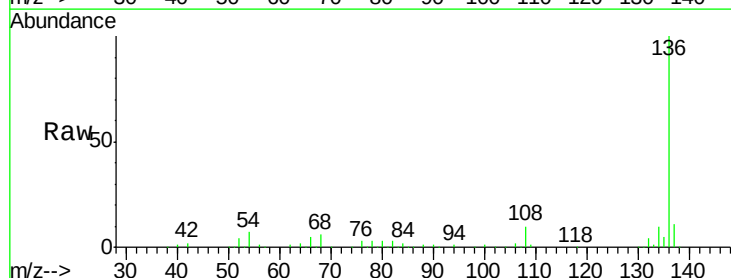
Instrument :
BNA_F
ClientSampleId :
A0C22-02

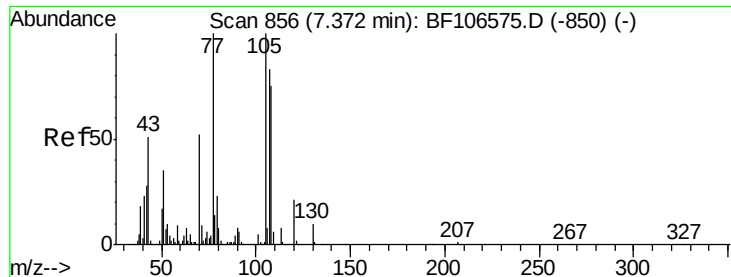
Tgt Ion: 70 Resp: 42045
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106981.D
Acq: 29 Jun 2018 18:54

Tgt Ion: 136 Resp: 256830
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.6 9.8
68 5.7 5.0 7.4

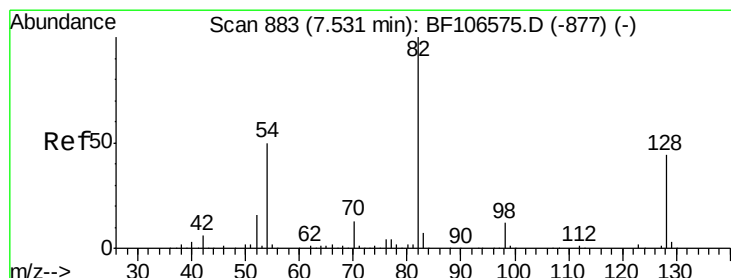
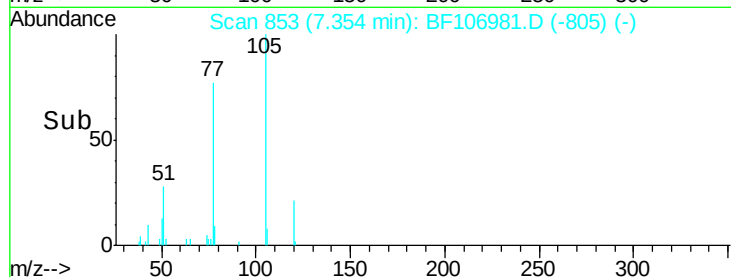
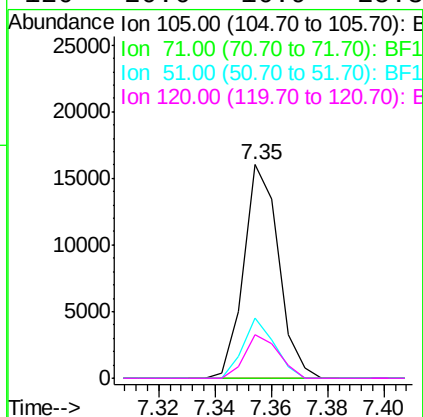
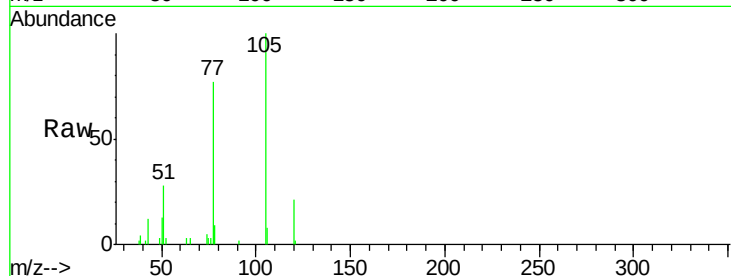




#22
Acetophenone
Concen: 2.385 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF106981.D
Acq: 29 Jun 2018 18:54

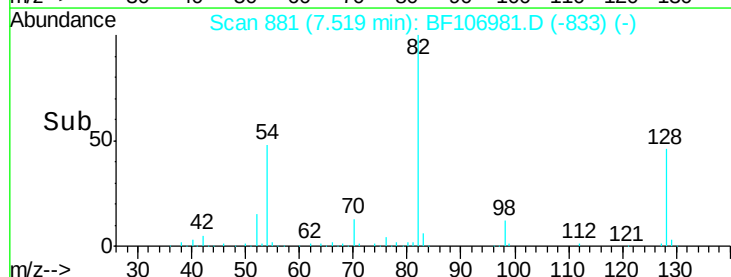
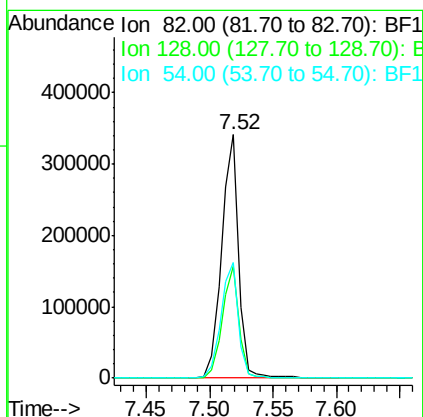
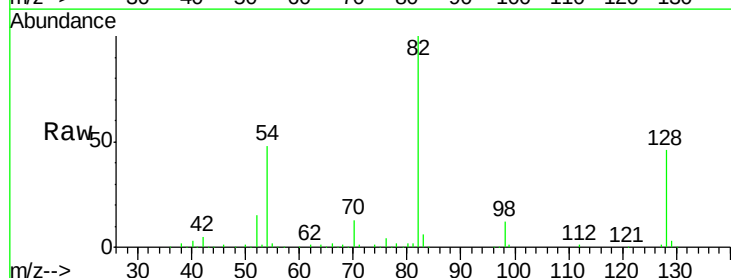
Instrument :
BNA_F
ClientSampleId :
A0C22-02

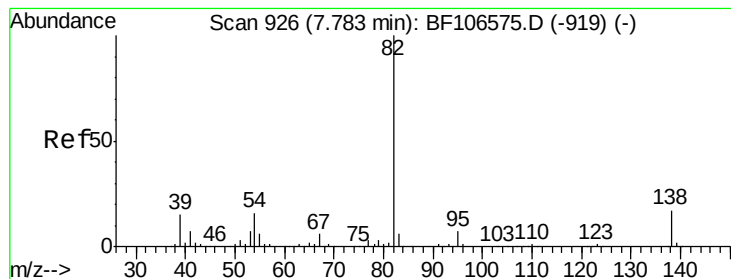
Tgt Ion: 105 Resp: 13702
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 27.9 22.3 33.5
120 20.6 16.9 25.3



#23
Nitrobenzene-d5
Concen: 69.388 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106981.D
Acq: 29 Jun 2018 18:54

Tgt Ion: 82 Resp: 320671
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 47.6 41.4 62.2





#25

Isophorone

Concen: 39.376 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

A0C22-02

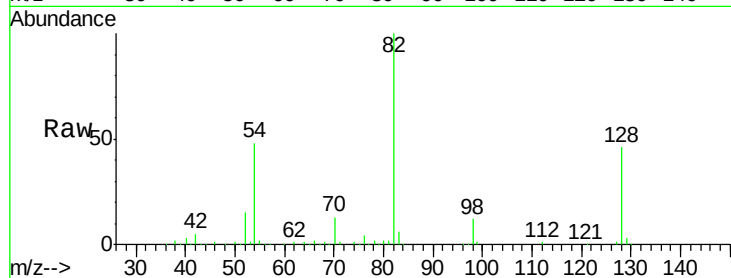
Tgt Ion: 82 Resp: 320666

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

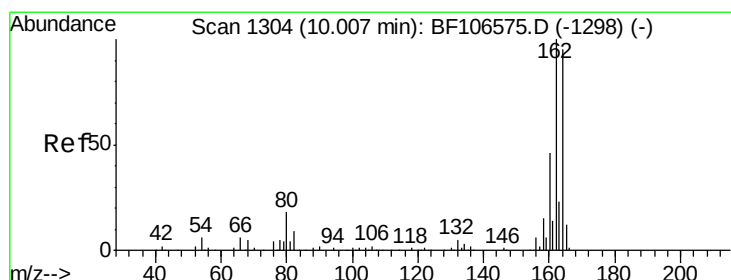
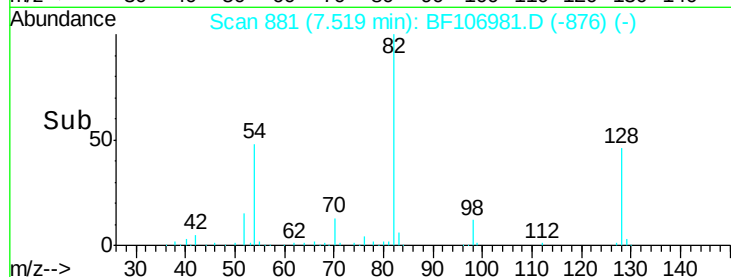
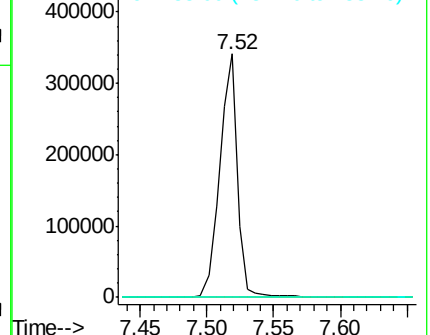
138 0.0 14.9 22.3#



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: BF106981.D

Acq: 29 Jun 2018 18:54

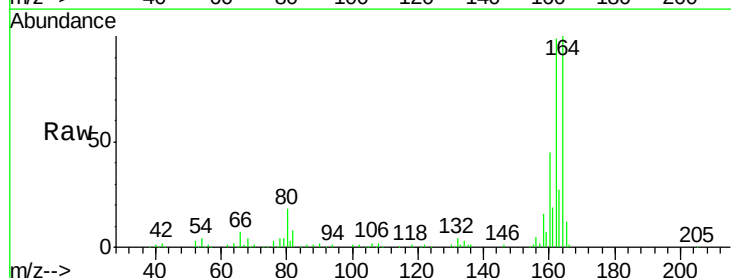
Tgt Ion: 164 Resp: 115057

Ion Ratio Lower Upper

164 100

162 98.8 86.1 129.1

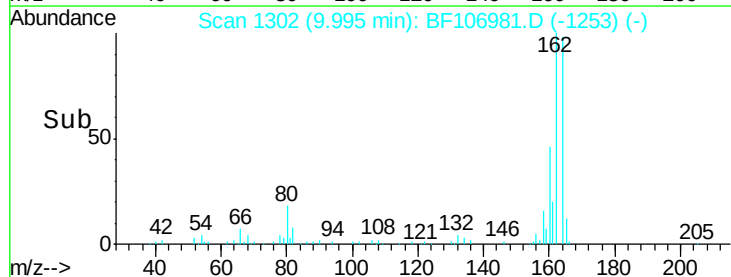
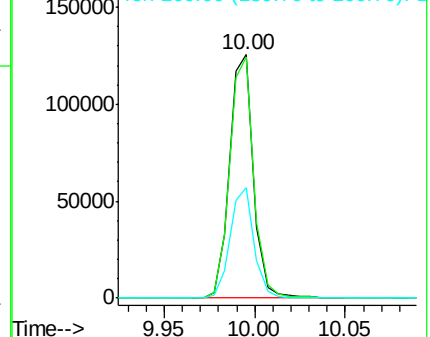
160 45.2 38.3 57.5

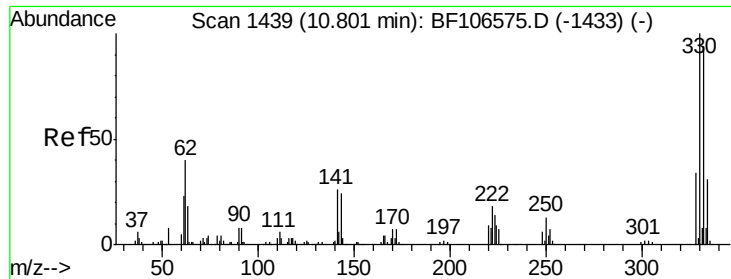


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

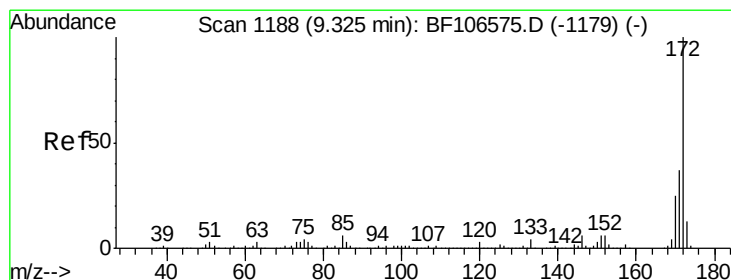
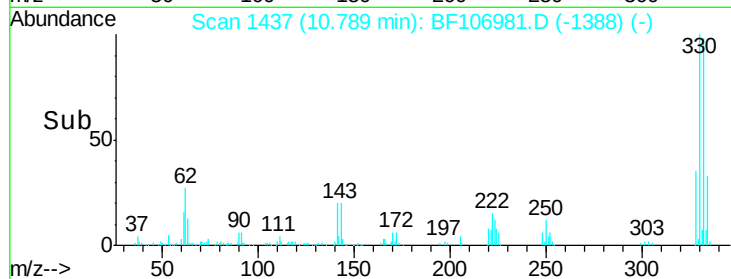
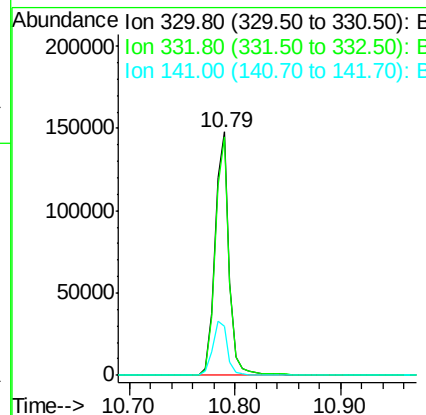
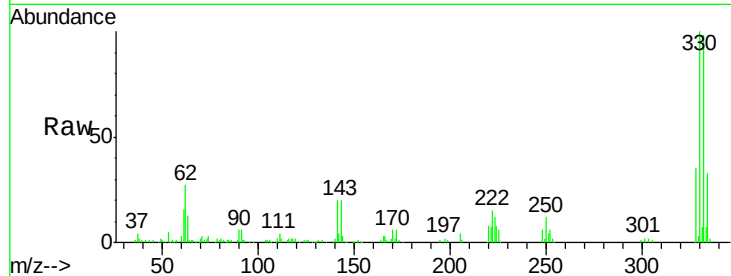




#41
 2,4,6-Tribromophenol
 Concen: 103.820 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106981.D
 Acq: 29 Jun 2018 18:54

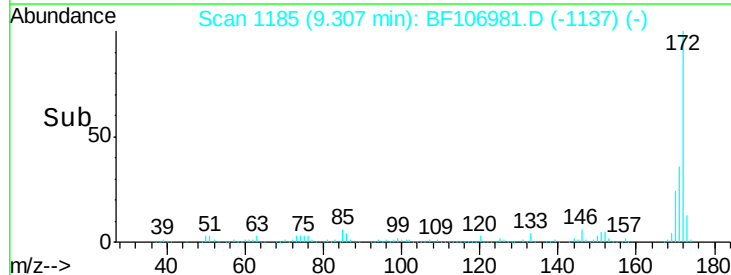
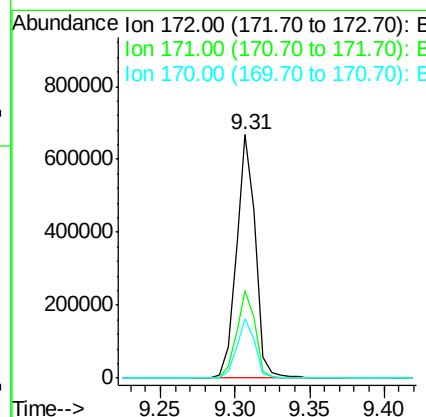
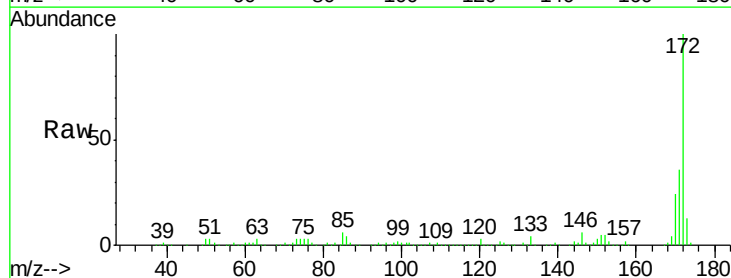
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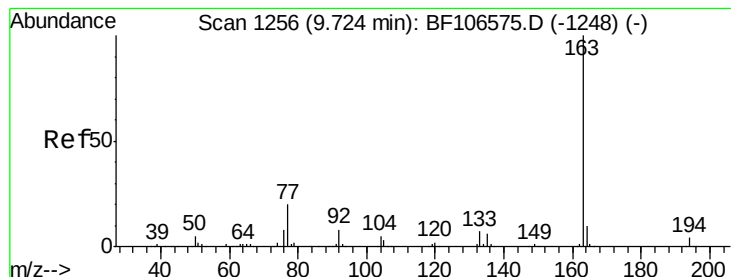
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	23.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.927 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106981.D
 Acq: 29 Jun 2018 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 10.087 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampled :

A0C22-02

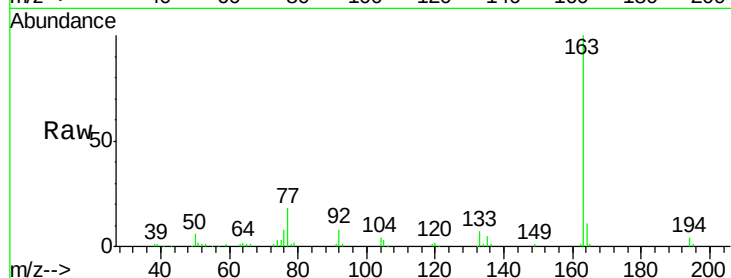
Tgt Ion:163 Resp: 87046

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

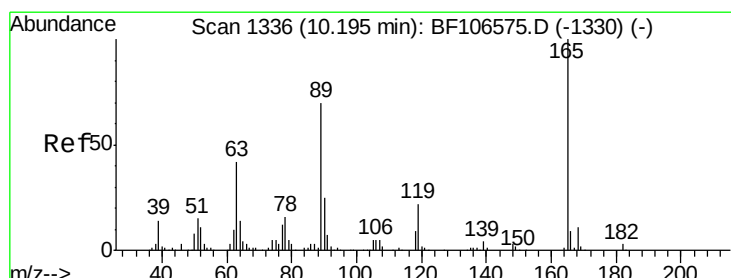
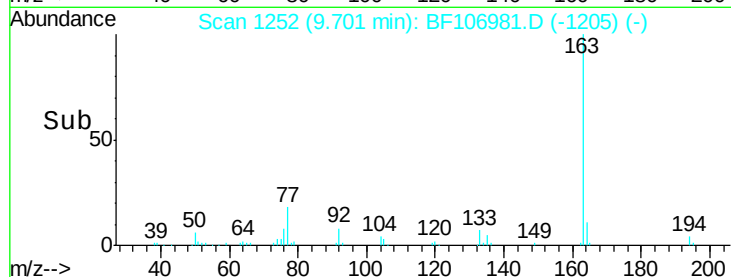
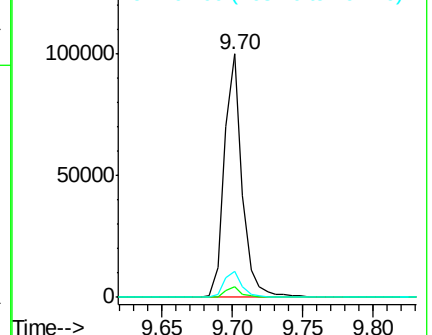
164 10.5 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.007 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Tgt Ion:165 Resp: 14328

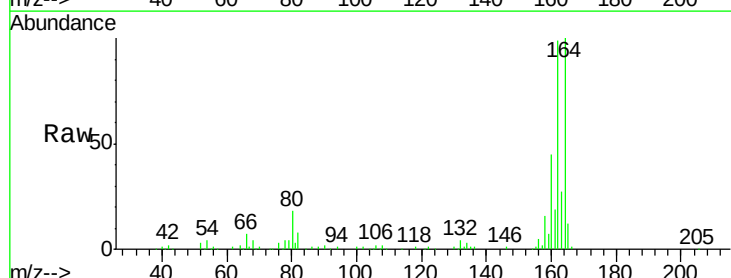
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

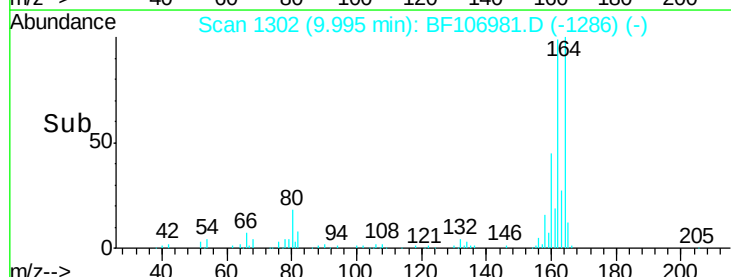
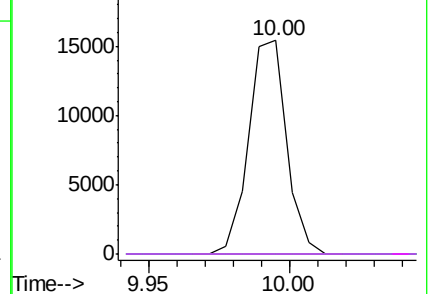


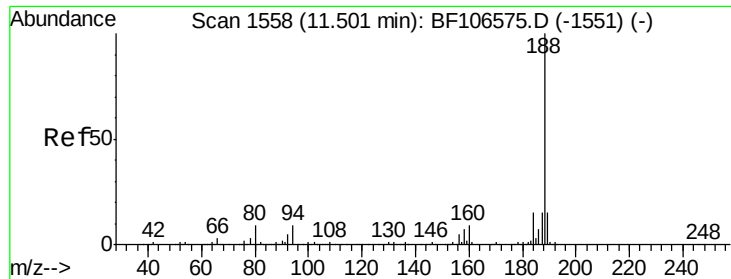
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

A0C22-02

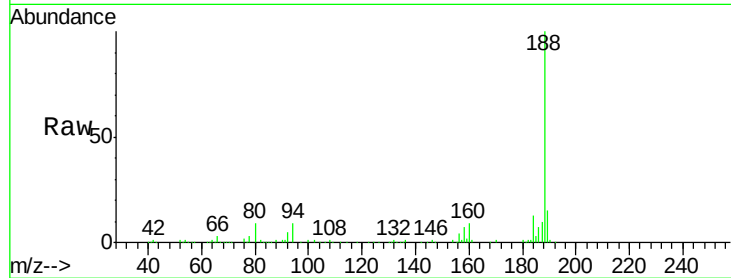
Tgt Ion:188 Resp: 190830

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

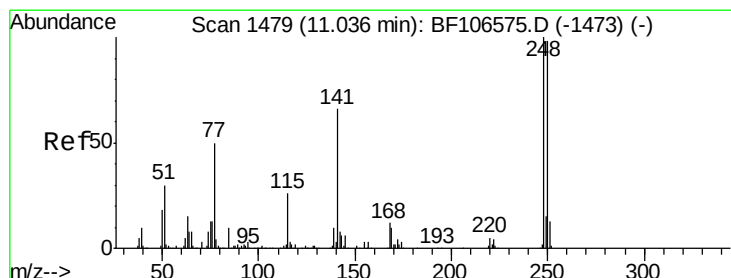
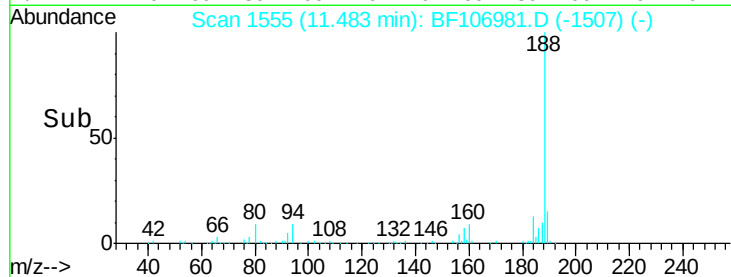
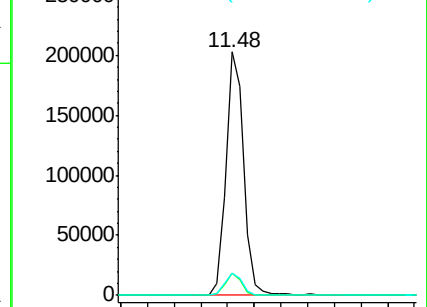
80 9.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 3.811 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

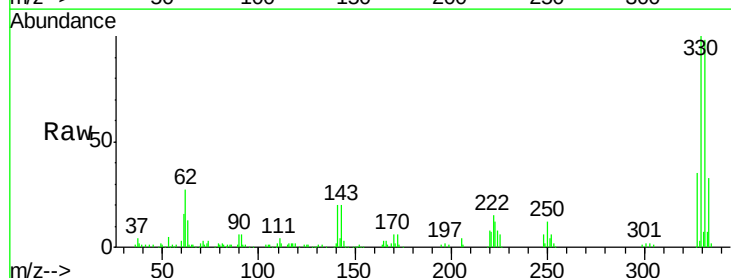
Tgt Ion:248 Resp: 8680

Ion Ratio Lower Upper

248 100

250 209.6 76.9 115.3#

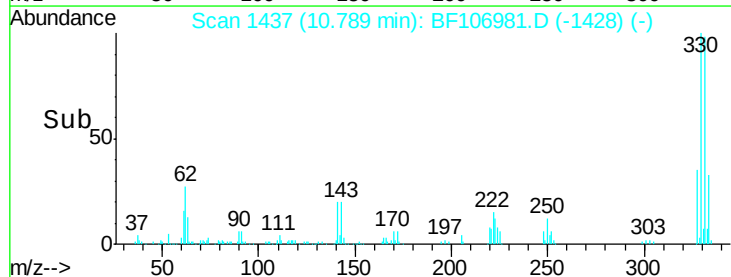
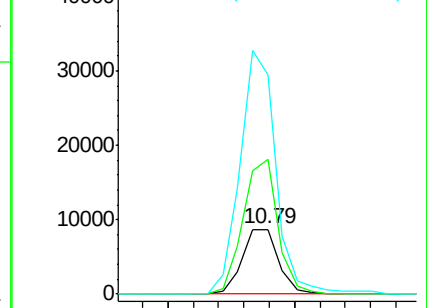
141 340.4 74.4 111.6#

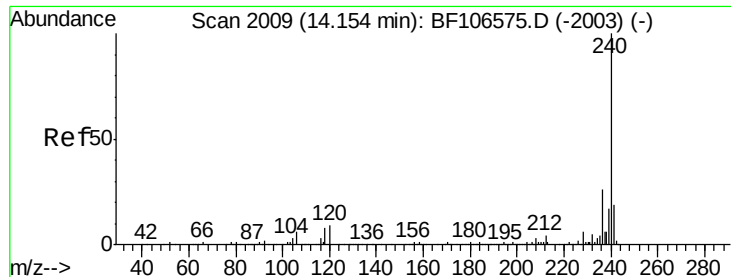


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

A0C22-02

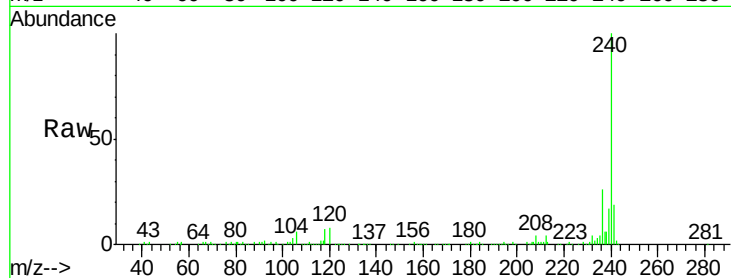
Tgt Ion:240 Resp: 187899

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

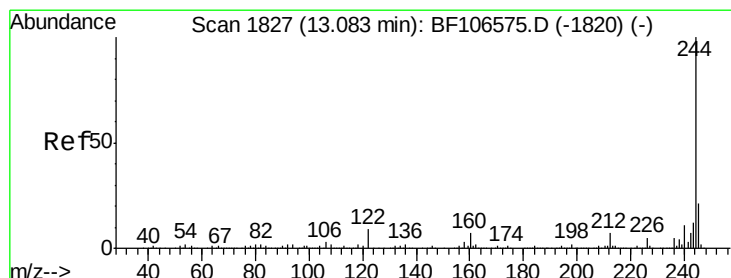
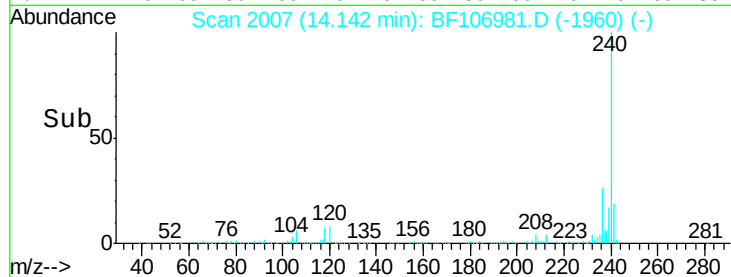
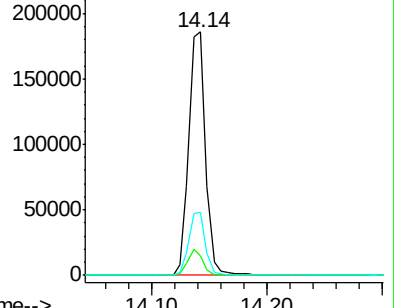
236 26.1 20.7 31.1



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: 73.505 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

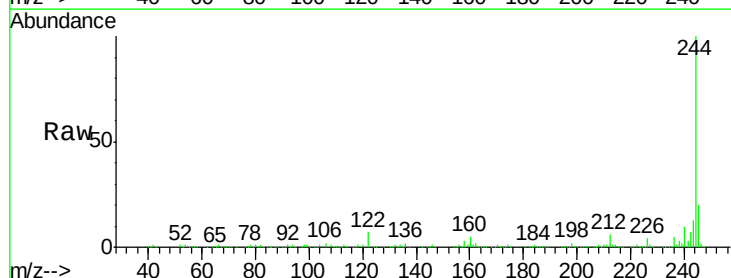
Tgt Ion:244 Resp: 570179

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

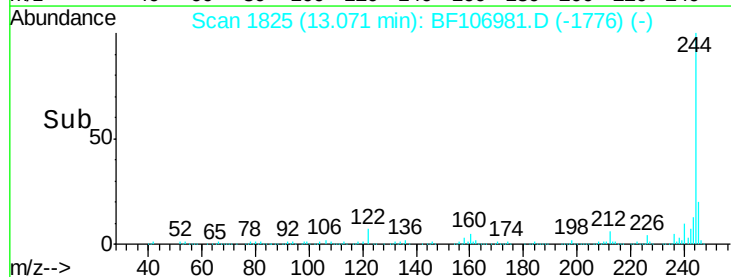
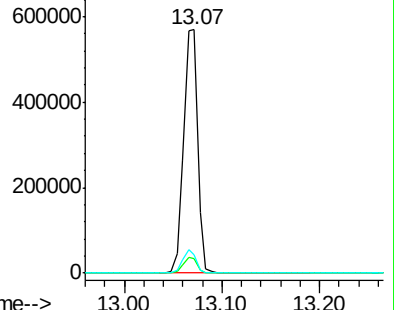
122 7.3 11.0 16.4#

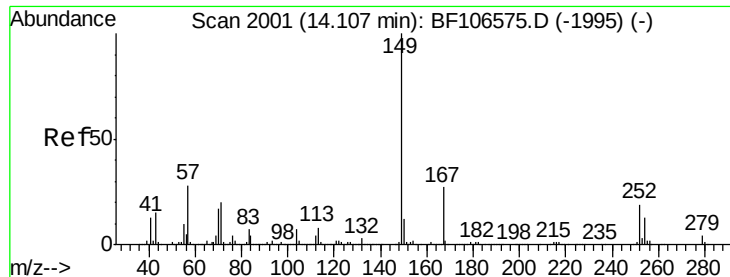


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.514 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

Instrument :

BNA_F

ClientSampleId :

A0C22-02

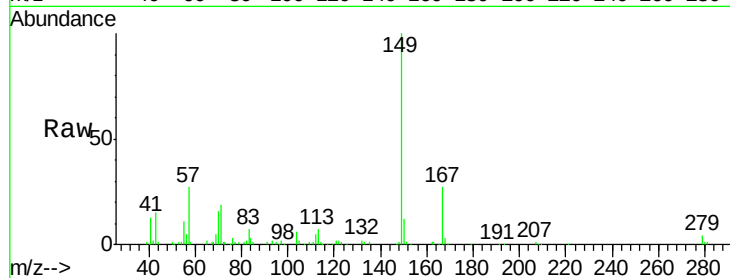
Tgt Ion:149 Resp: 81503

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

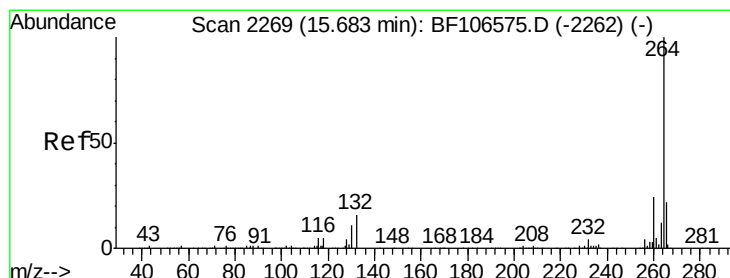
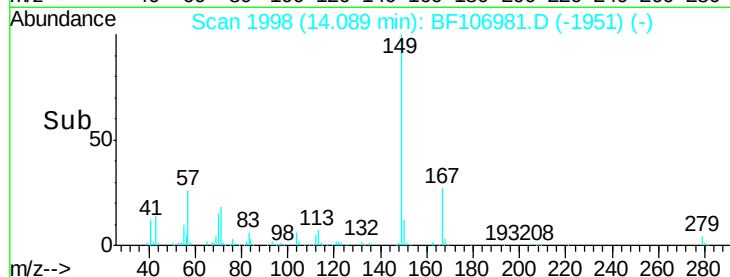
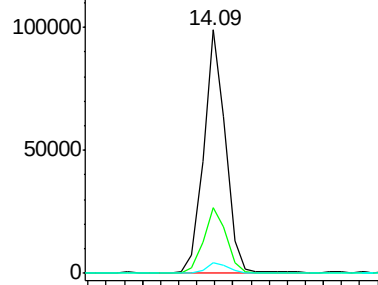
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106981.D

Acq: 29 Jun 2018 18:54

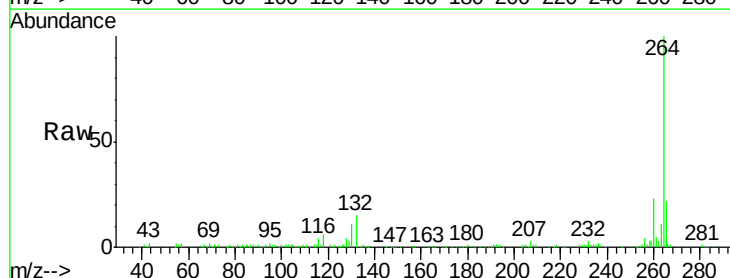
Tgt Ion:264 Resp: 145582

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 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

