

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107153.D
 Acq On : 6 Jul 2018 5:31
 Operator : JU/SJ
 Sample : J3836-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:14:00 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

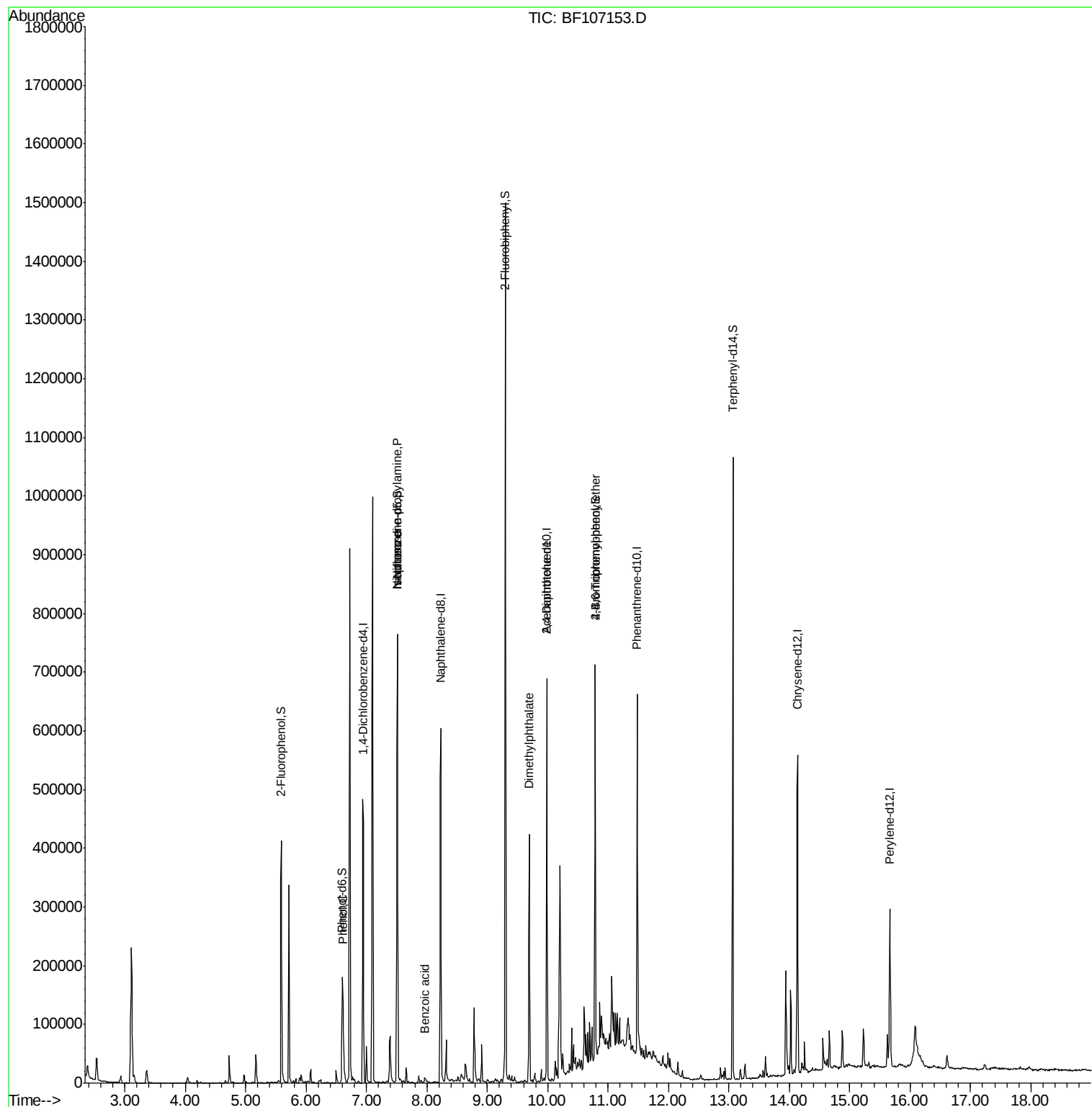
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	76731	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	295437	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	134657	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	211595	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	198612	20.00	ng	-0.03
86) Perylene-d12	15.67	264	138689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	136797	30.19	ng	-0.01
7) Phenol-d6	6.60	99	91132	16.10	ng	-0.01
23) Nitrobenzene-d5	7.51	82	260035	48.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	95539	61.22	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	472524	54.02	ng	-0.02
78) Terphenyl-d14	13.07	244	384368	46.88	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	30547	4.730	ng	95
19) n-Nitroso-di-n-propylamine	7.51	70	33605	9.009	ng	# 75
20) 3+4-Methylphenols	7.10	107	1774	Below Cal	#	1
25) Isophorone	7.51	82	260033	27.758	ng	# 64
32) Benzoic acid	7.98	122	1574	6.212	ng	95
49) Dimethylphthalate	9.70	163	159476	15.791	ng	98
56) 2,4-Dinitrotoluene	9.99	165	17000	6.090	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6018	2.383	ng	# 1

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

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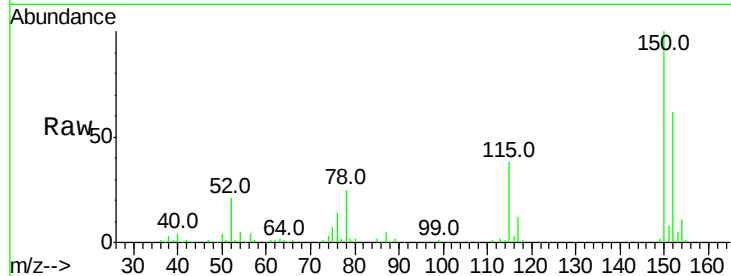


#1

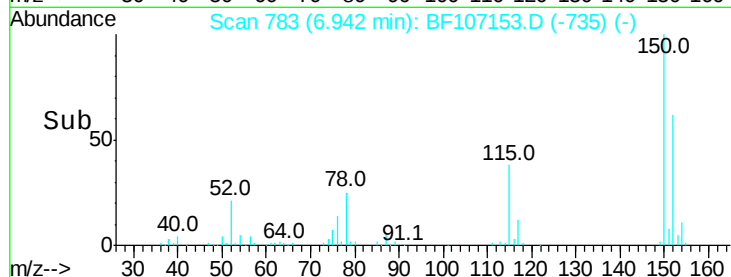
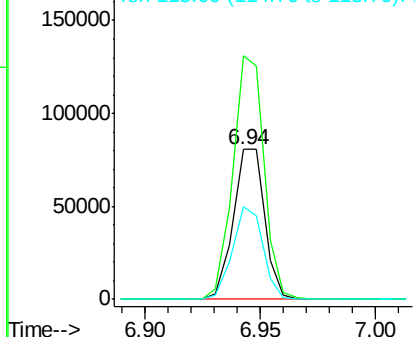
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76731
Ion Ratio Lower Upper
152 100
150 162.4 124.6 186.8
115 61.6 50.1 75.1



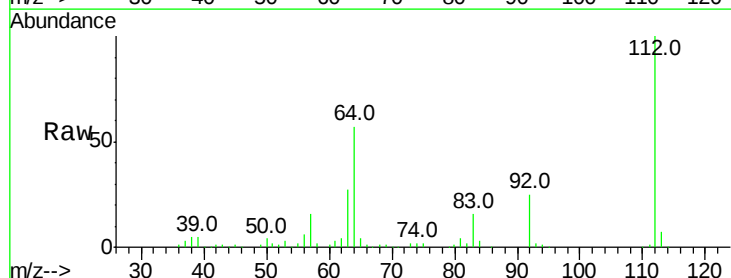
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



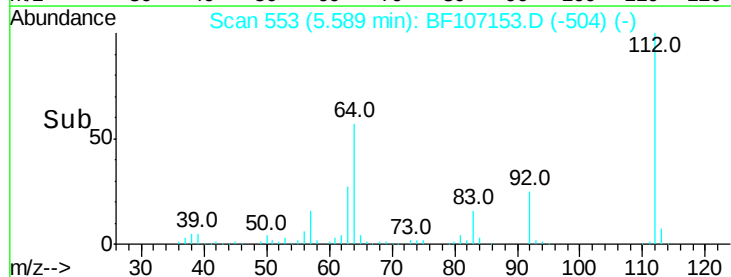
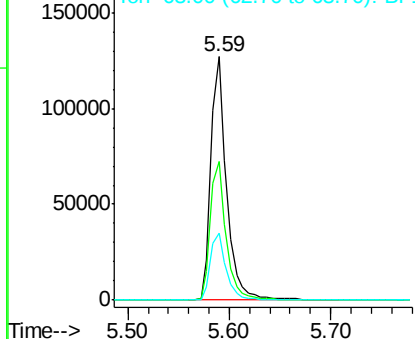
#5

2-Fluorophenol
Concen: 30.189 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion:112 Resp: 136797
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.4 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: 16.104 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

Instrument :

BNA_F

ClientSampleId :

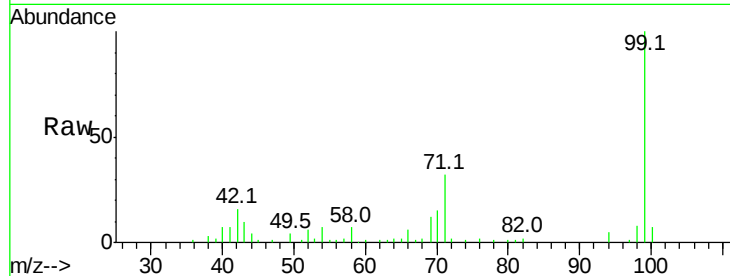
Tot Ion: 99 Resp: 91132

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

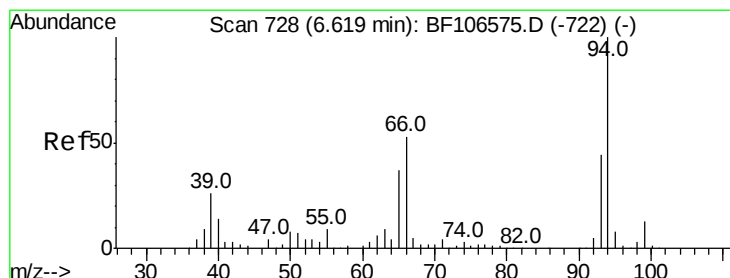
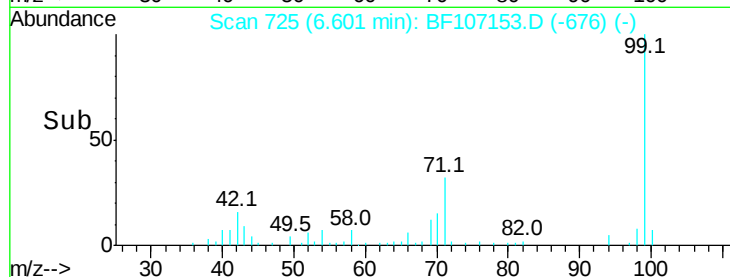
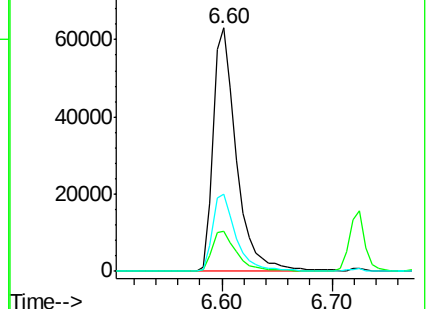
71 31.5 25.4 38.0



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



#10

Phenol

Concen: 4.730 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

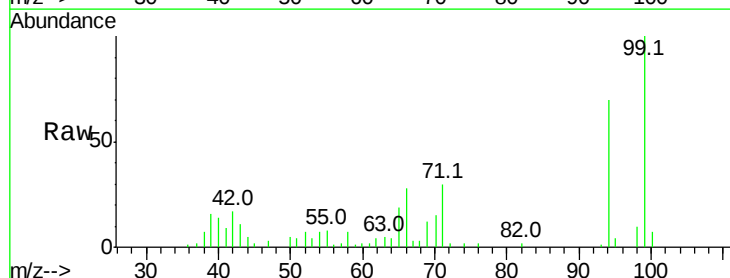
Tgt Ion: 94 Resp: 30547

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

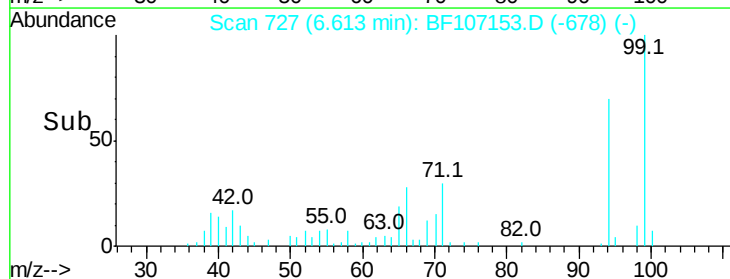
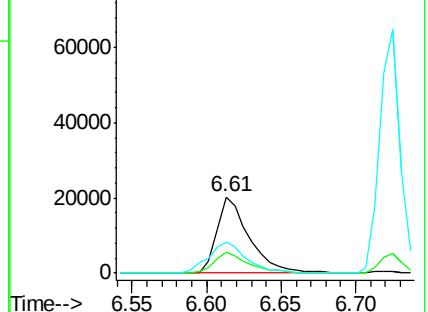
66 40.4 16.2 56.2

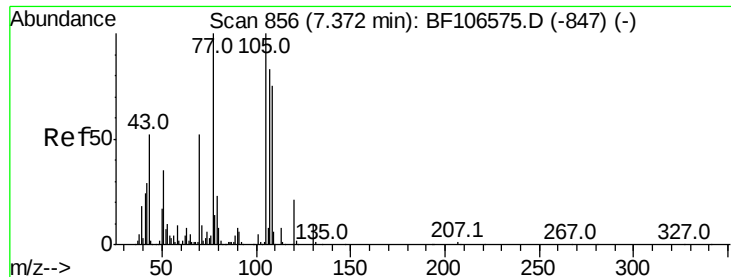


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

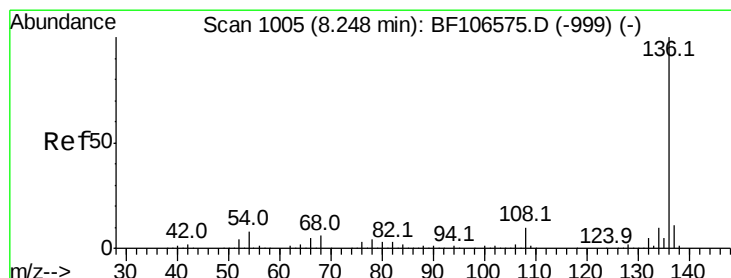
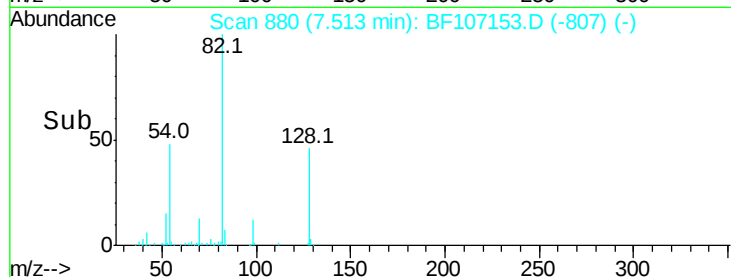
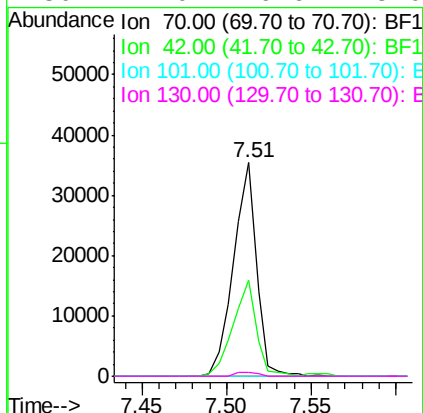
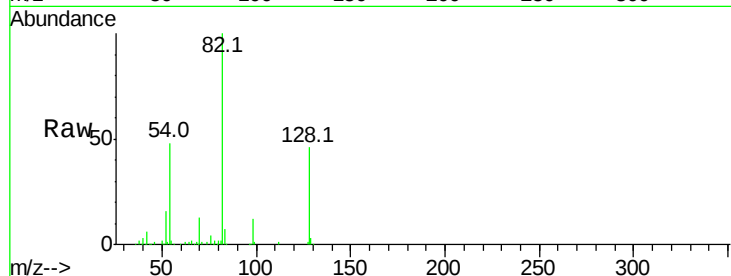




#19
n-Nitroso-di-n-propylamine
Concen: 9.009 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

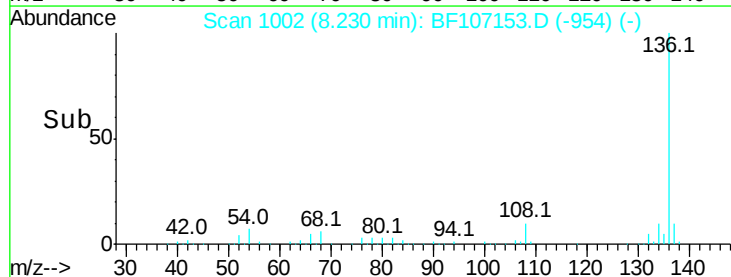
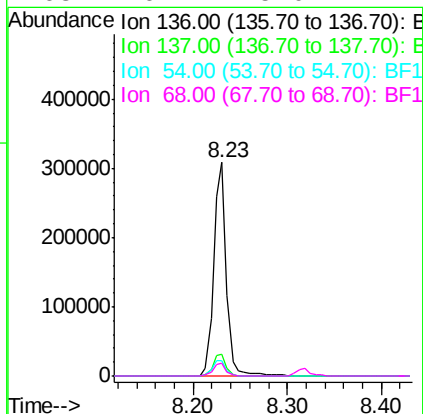
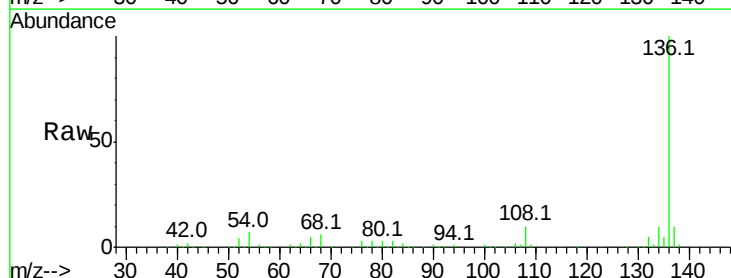
Instrument :
BNA_F
ClientSampleId :

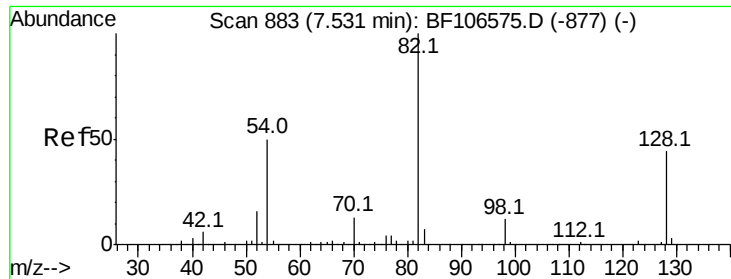
Tot Ion: 70 Resp: 33605
Ion Ratio Lower Upper
70 100
42 45.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion: 136 Resp: 295437
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.4 6.6 9.8
68 6.1 5.0 7.4

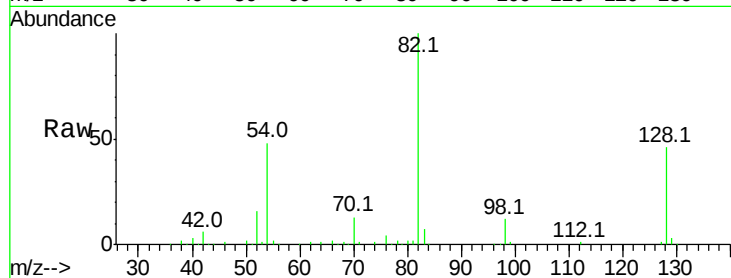




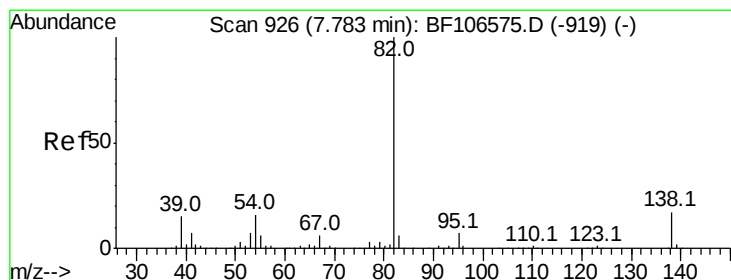
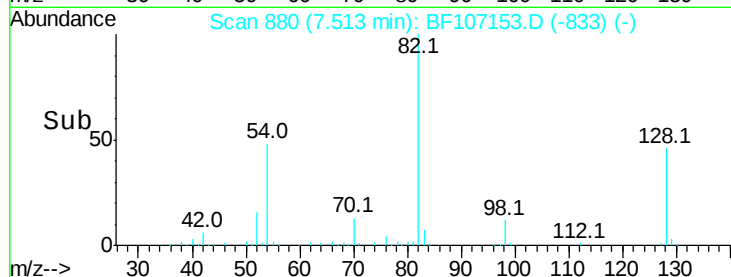
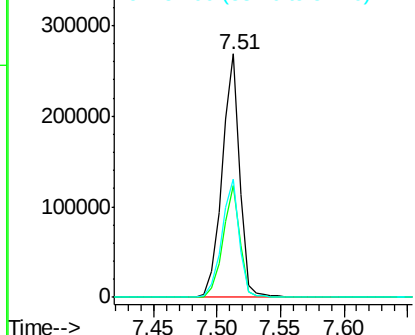
#23
 Nitrobenzene-d5
 Concen: 48.914 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	48.5	41.4	62.2

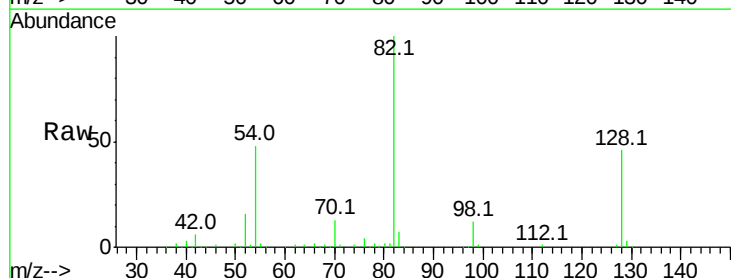


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

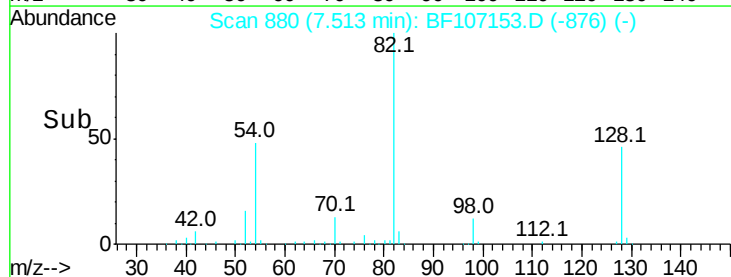
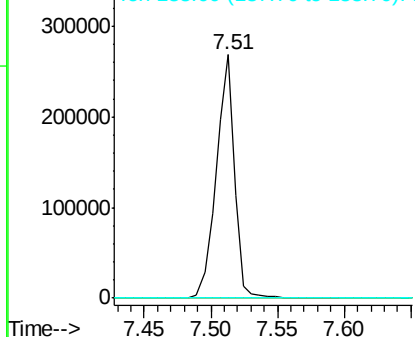


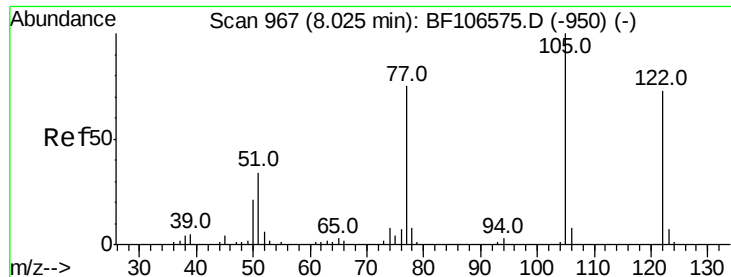
#25
 Isophorone
 Concen: 27.758 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt 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

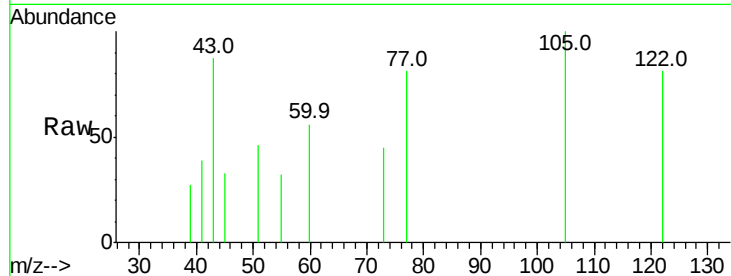




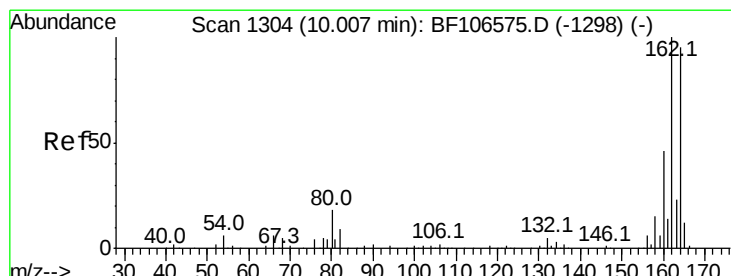
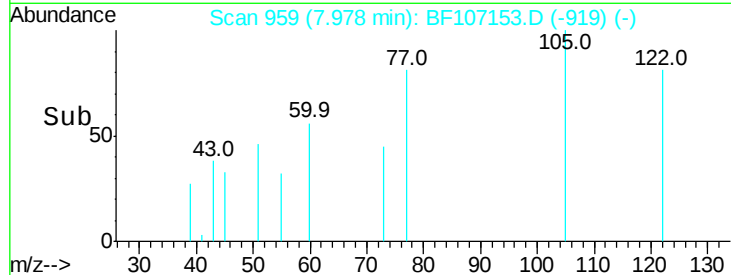
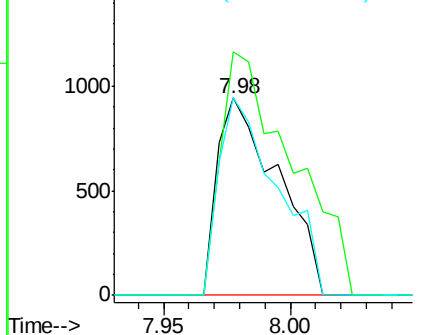
#32
Benzoic acid
Concen: 6.212 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1574
Ion Ratio Lower Upper
122 100
105 123.3 101.1 141.1
77 100.1 70.7 110.7

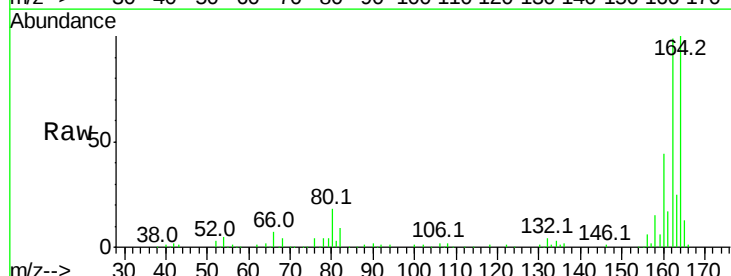


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

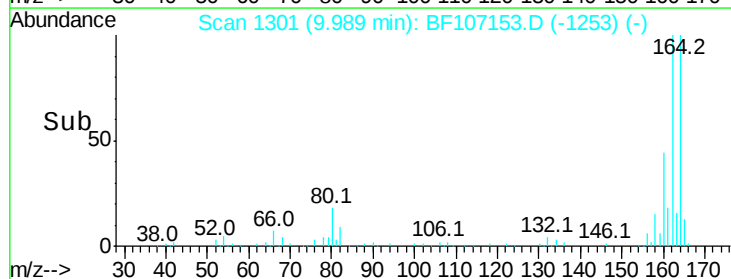
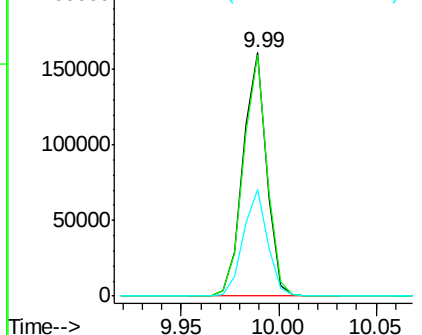


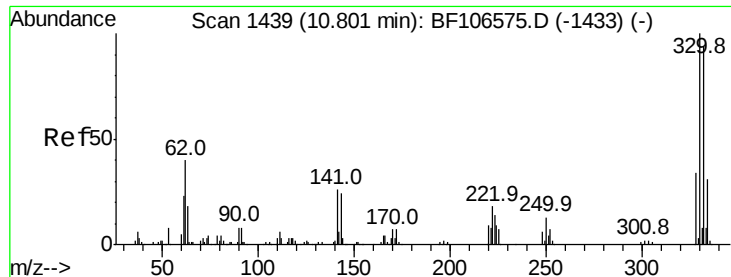
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion:164 Resp: 134657
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 43.9 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

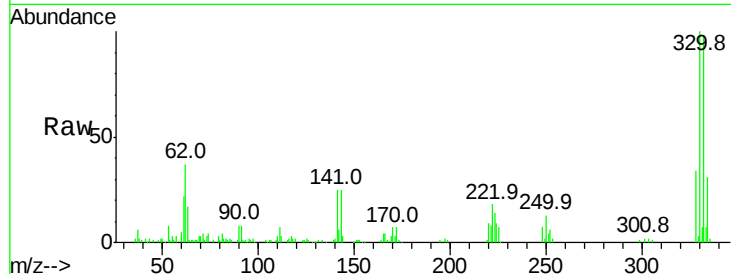




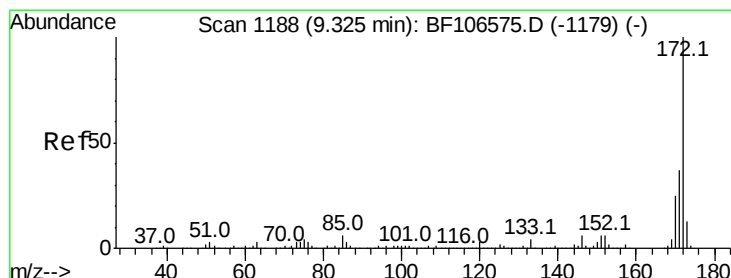
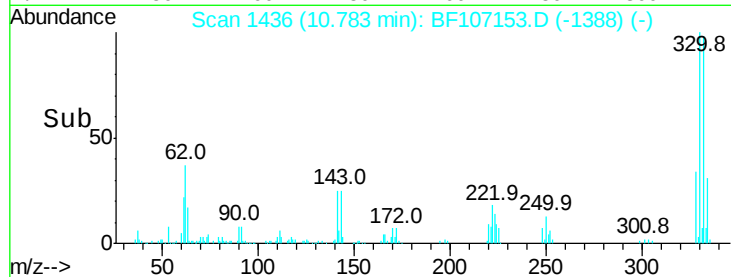
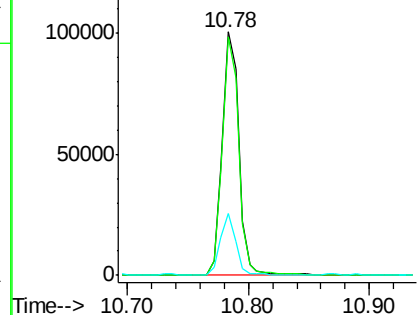
#41
 2,4,6-Tribromophenol
 Concen: 61.215 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	23.8	29.9	44.9#

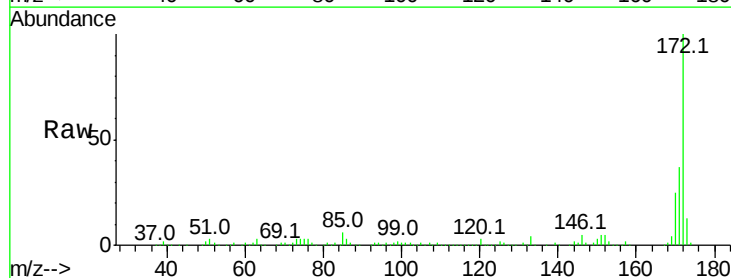


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

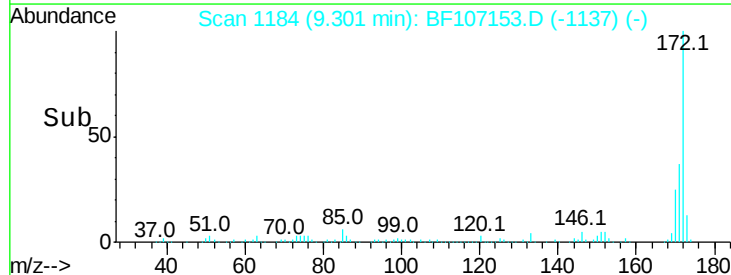
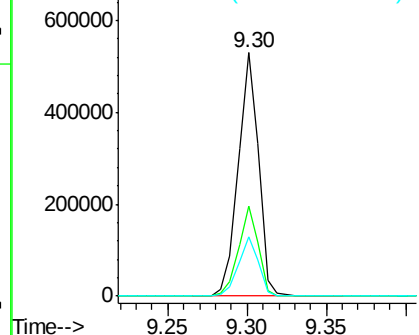


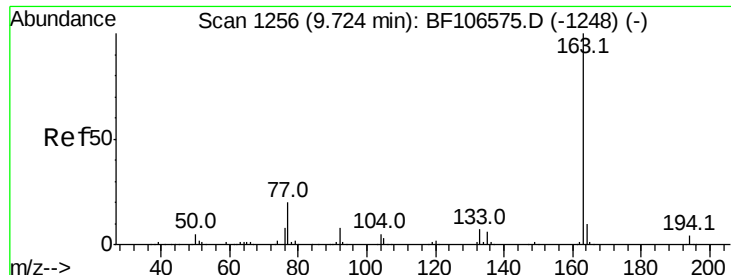
#44
 2-Fluorobiphenyl
 Concen: 54.019 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

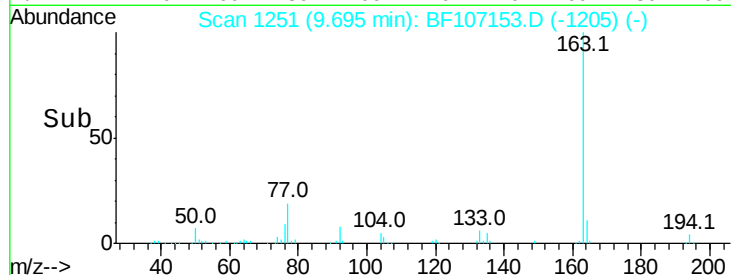
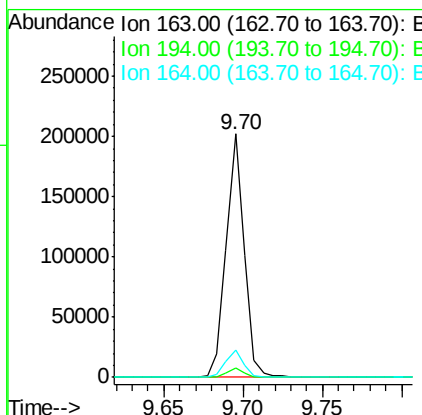
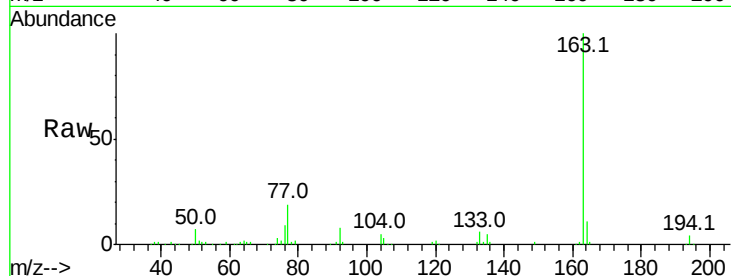




#49
Dimethylphthalate
Concen: 15.791 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

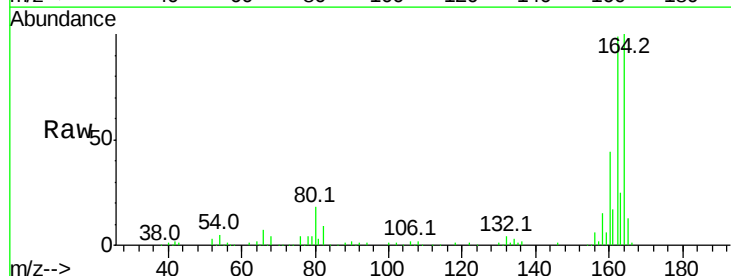
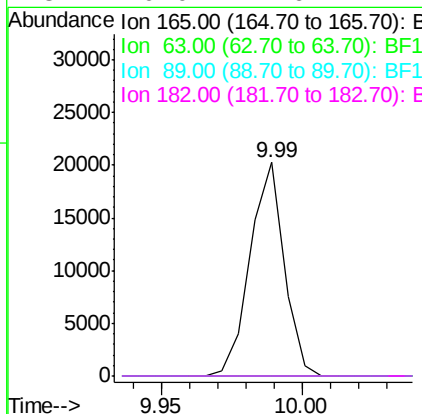
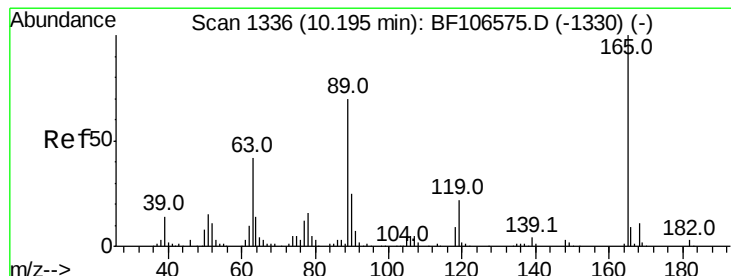
Instrument :
BNA_F
ClientSampleId :

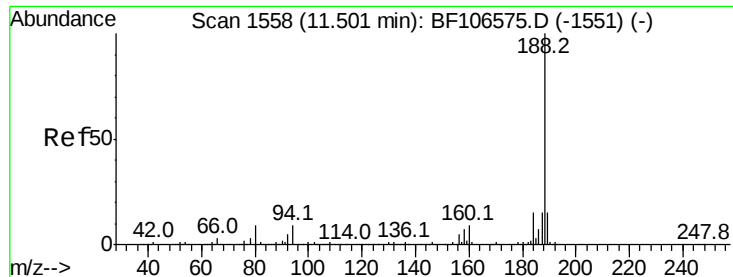
Tot Ion:163 Resp: 159476
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.090 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Tgt Ion:165 Resp: 17000
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#

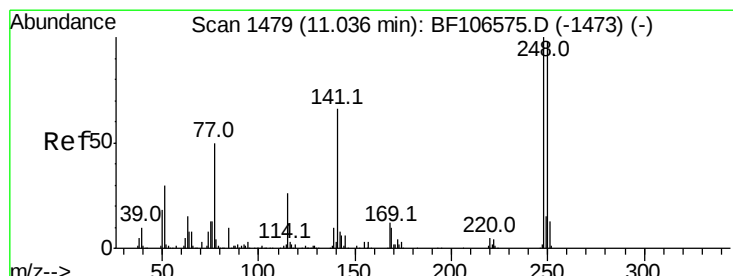
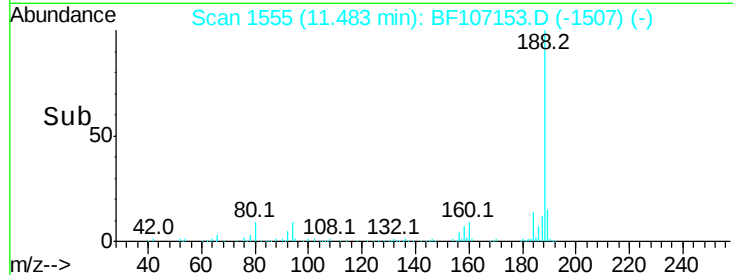
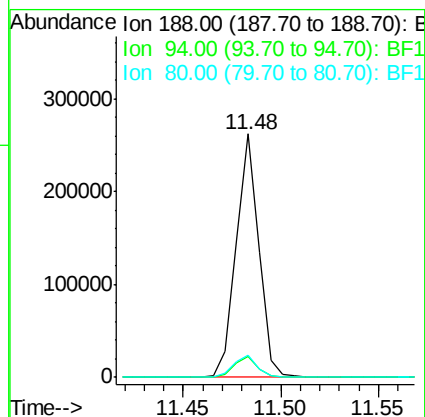
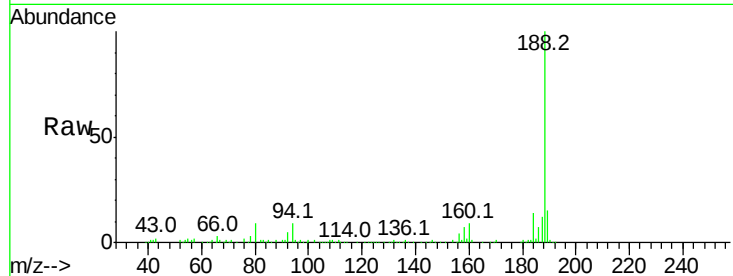




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

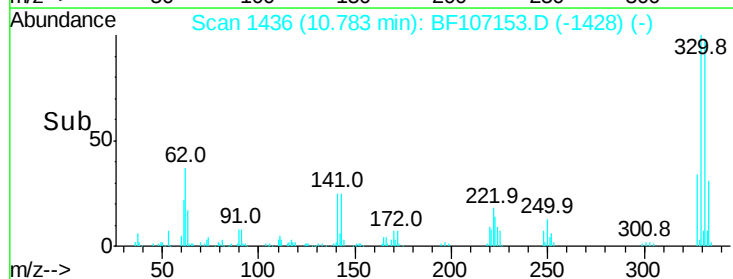
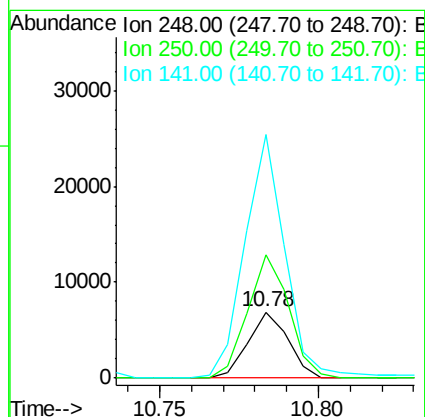
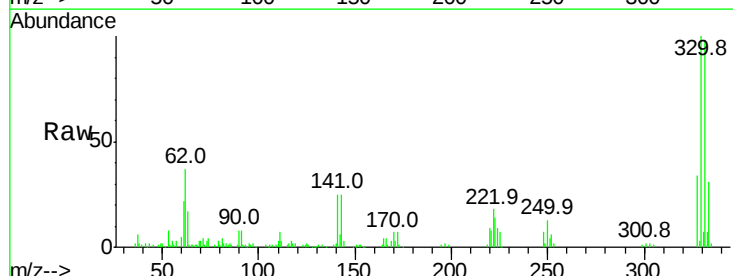
Instrument :
 BNA_F
 ClientSampleId :

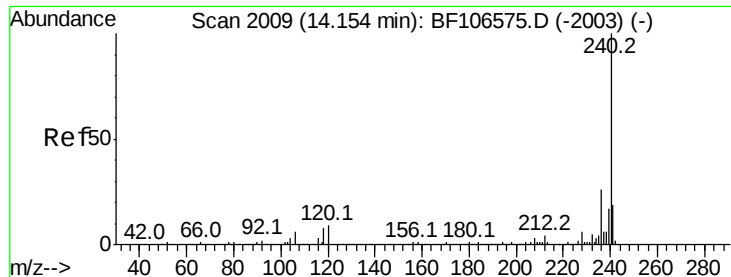
Tot Ion:188 Resp: 211595
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.383 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107153.D
 Acq: 6 Jul 2018 5:31

Tgt Ion:248 Resp: 6018
 Ion Ratio Lower Upper
 248 100
 250 187.1 76.9 115.3#
 141 369.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

Instrument :

BNA_F

ClientSampleId :

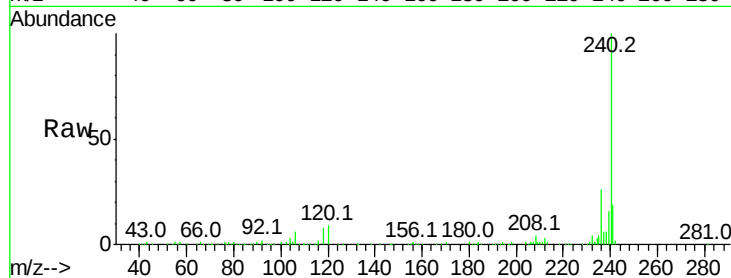
Tot Ion:240 Resp: 198612

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

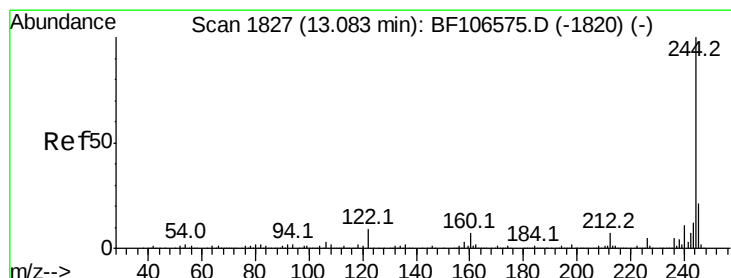
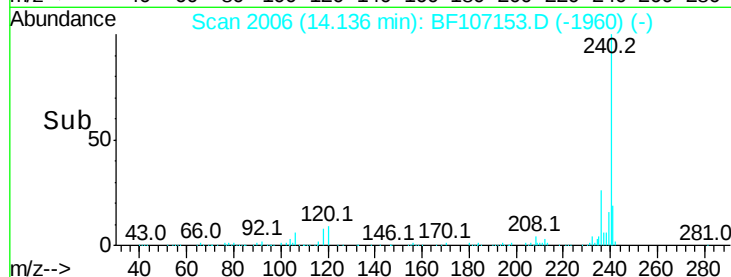
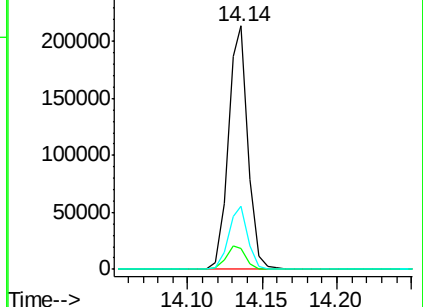
236 25.9 20.7 31.1



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: 46.878 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107153.D

Acq: 6 Jul 2018 5:31

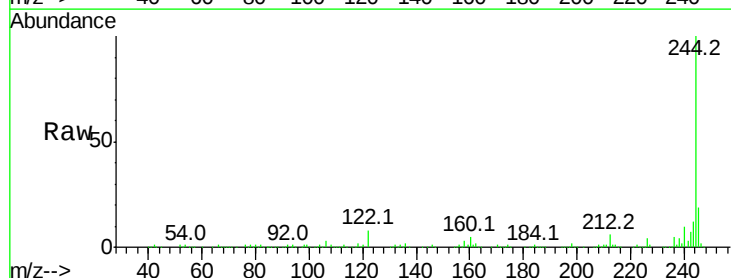
Tgt Ion:244 Resp: 384368

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

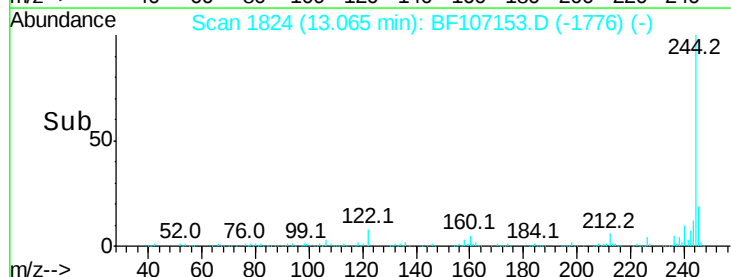
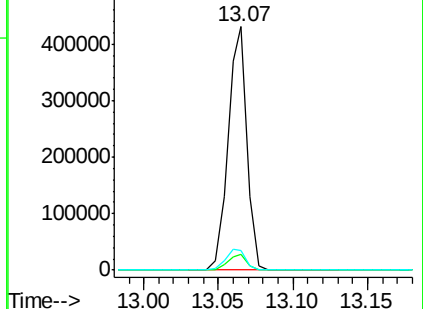
122 8.0 11.0 16.4#

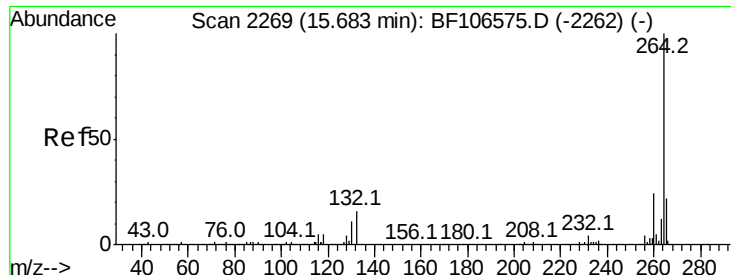


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

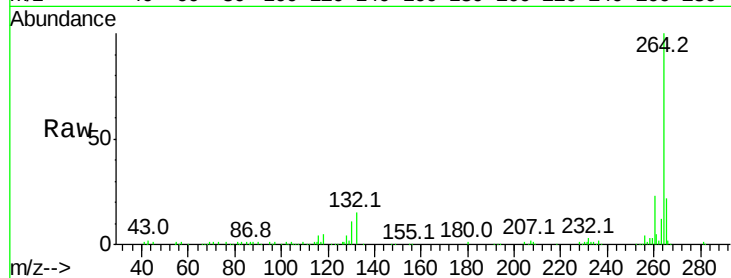




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107153.D
Acq: 6 Jul 2018 5:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	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

