

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107136.D
 Acq On : 5 Jul 2018 19:31
 Operator : JU/SJ
 Sample : J3853-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:12:55 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

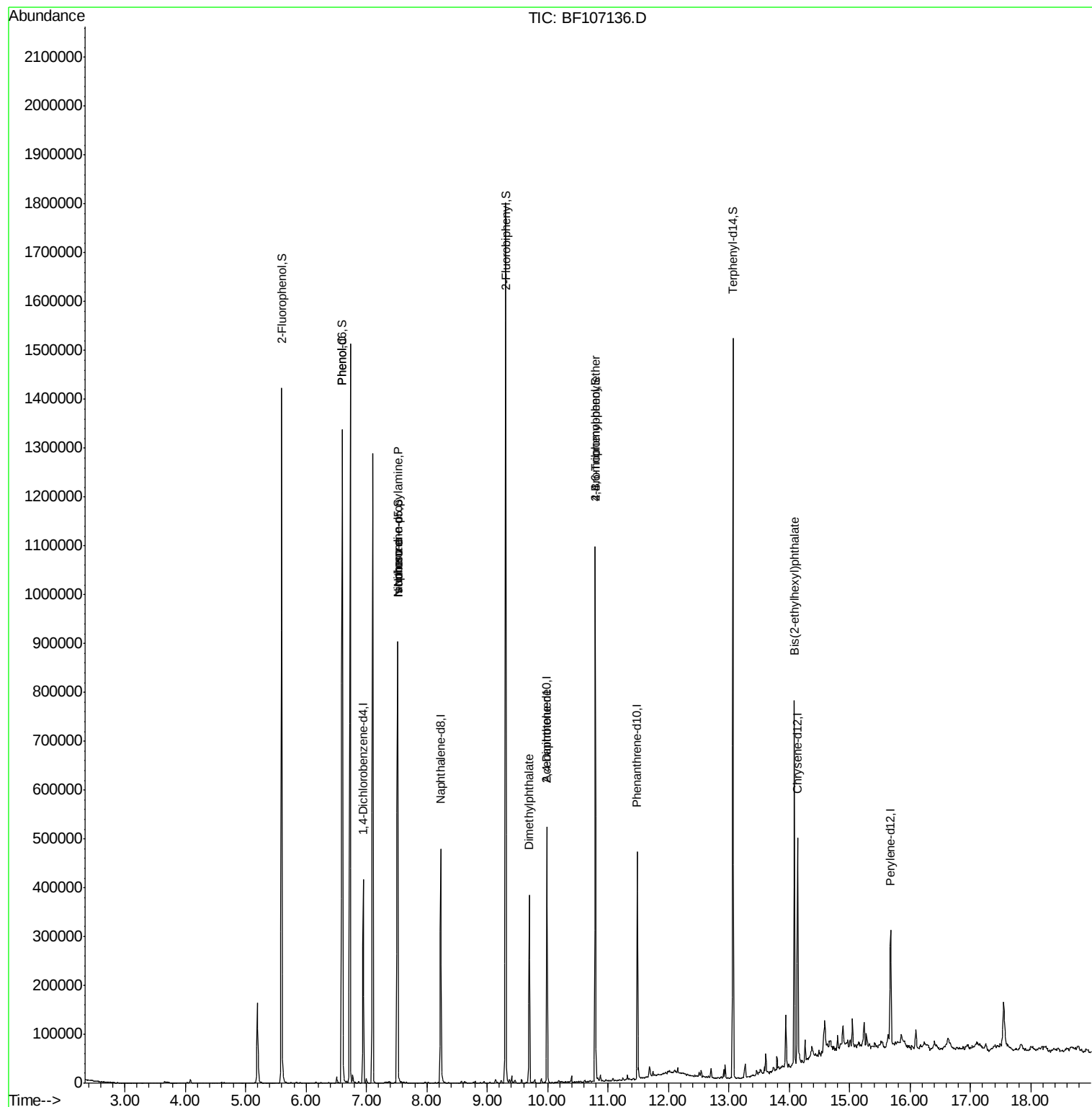
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58824	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	219862	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	105270	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	176191	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	163771	20.00	ng	-0.03
86) Perylene-d12	15.68	264	121235	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	447815	128.91	ng	0.00
7) Phenol-d6	6.60	99	561060	129.33	ng	-0.01
23) Nitrobenzene-d5	7.52	82	361881	91.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	163640	134.12	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	634513	105.60	ng	-0.02
78) Terphenyl-d14	13.07	244	598025	88.45	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	14503	2.929	ng	# 58
19) n-Nitroso-di-n-propylamine	7.52	70	47394	16.574	ng	# 72
20) 3+4-Methylphenols	7.37	107	2608	Below Cal		93
25) Isophorone	7.52	82	361932	51.916	ng	# 64
49) Dimethylphthalate	9.70	163	149121	18.887	ng	97
56) 2,4-Dinitrotoluene	9.99	165	13015	5.964	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	9809	4.665	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.08	149	210740	37.124	ng	97

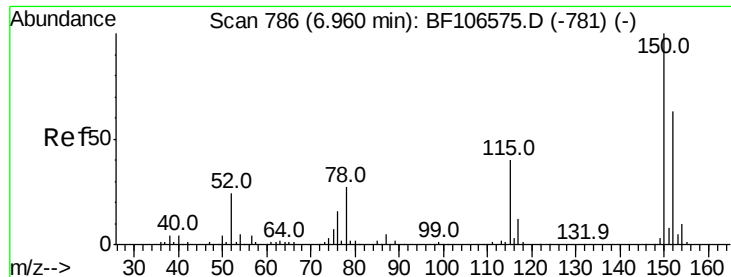
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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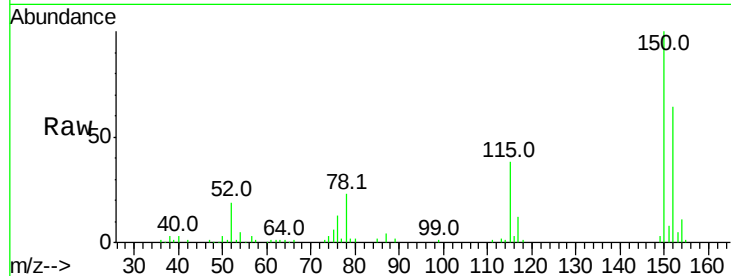


#1

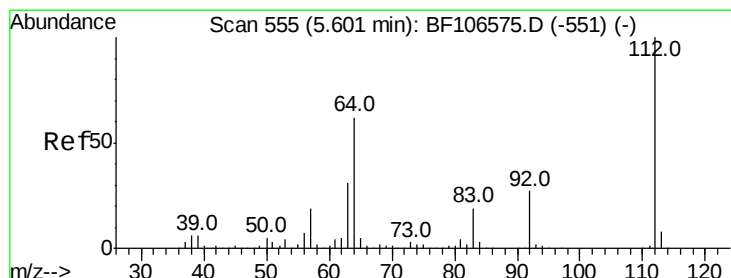
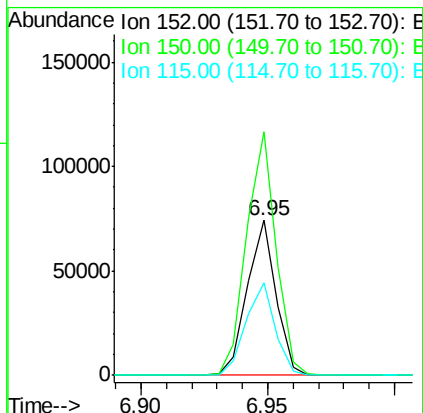
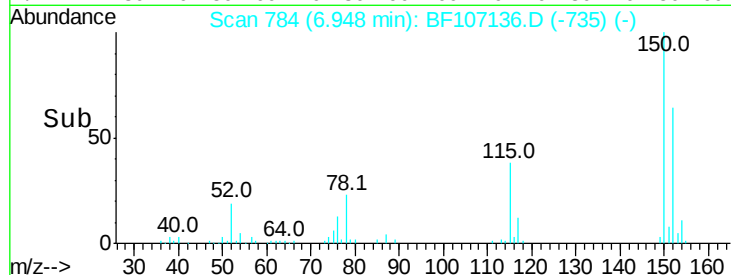
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58824
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.7 50.1 75.1



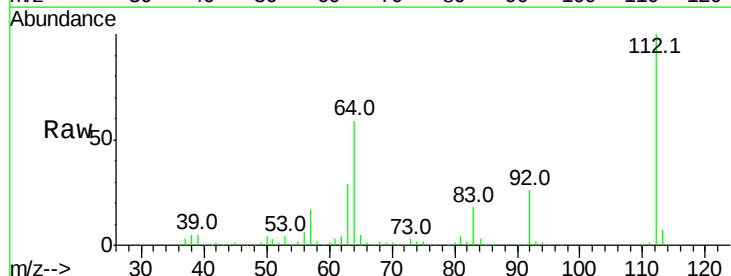
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



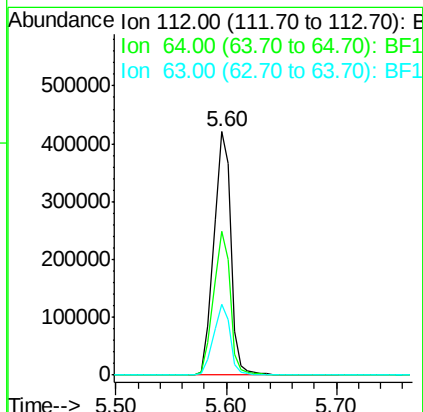
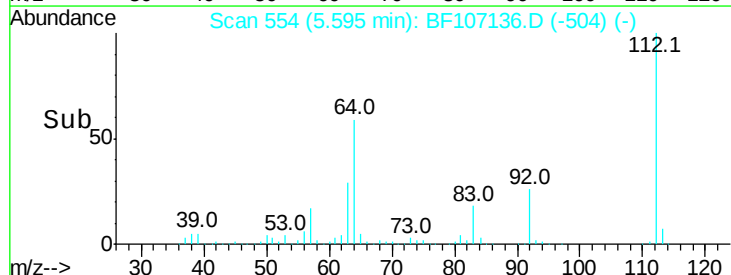
#5

2-Fluorophenol
Concen: 128.909 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Tgt Ion:112 Resp: 447815
Ion Ratio Lower Upper
112 100
64 58.9 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: 129.330 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

Instrument :

BNA_F

ClientSampleId :

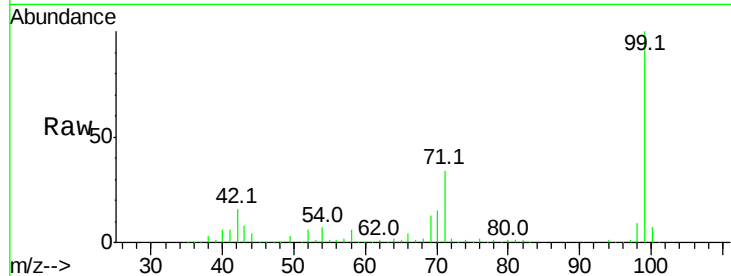
Tot Ion: 99 Resp: 561060

Ion Ratio Lower Upper

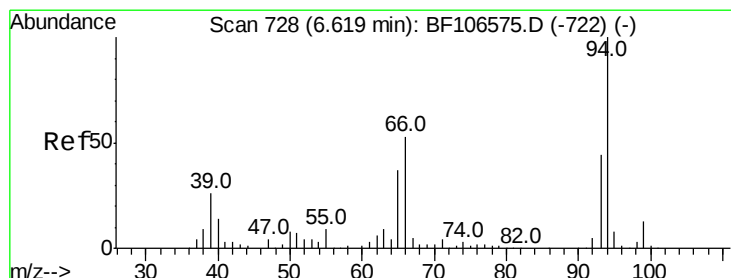
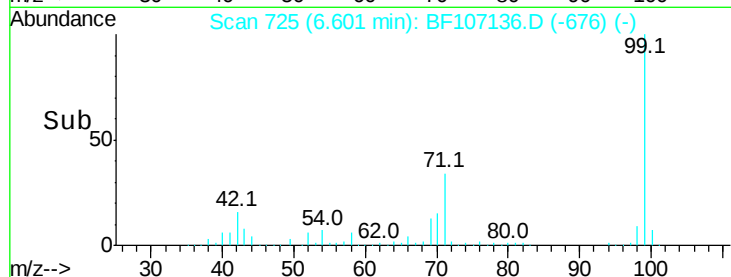
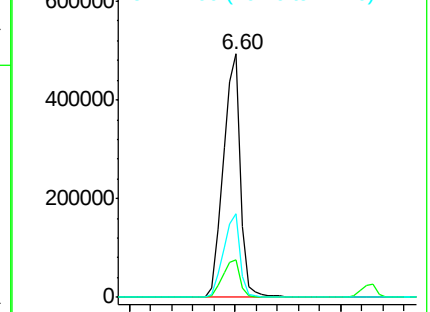
99 100

42 15.7 14.5 21.7

71 34.2 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: 2.929 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

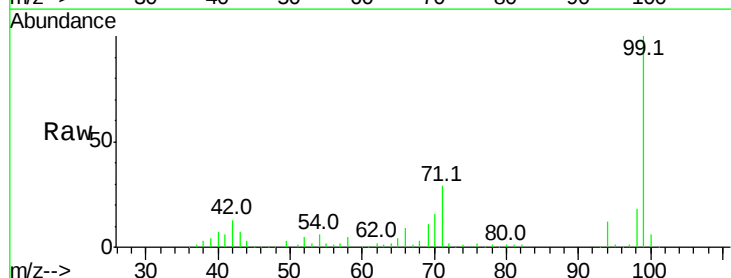
Tgt Ion: 94 Resp: 14503

Ion Ratio Lower Upper

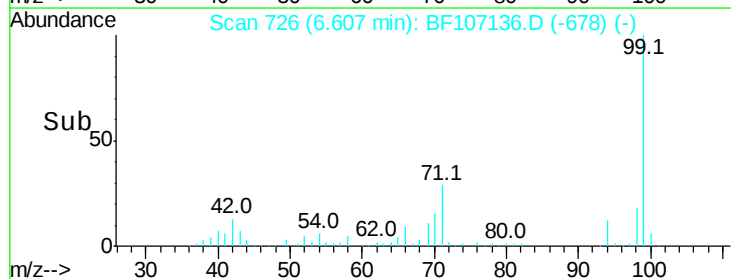
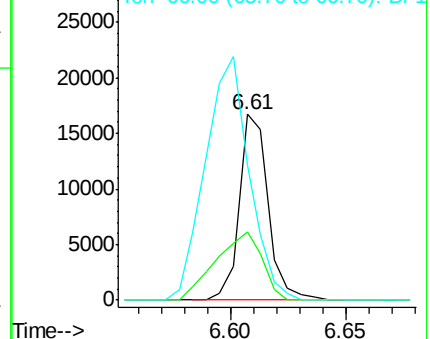
94 100

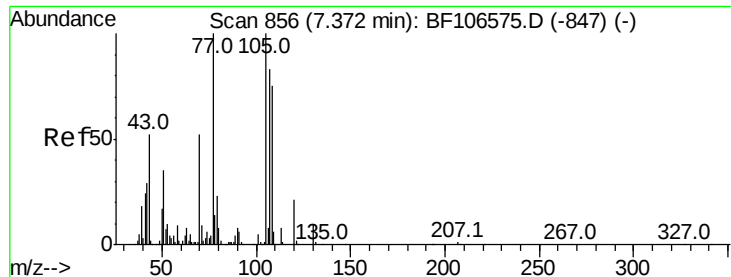
65 36.8 7.9 47.9

66 72.7 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: 16.574 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 47394

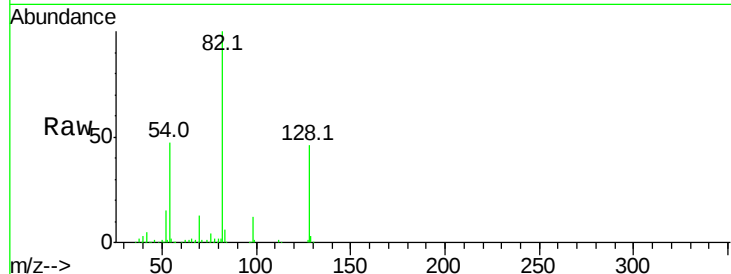
Ion Ratio Lower Upper

70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

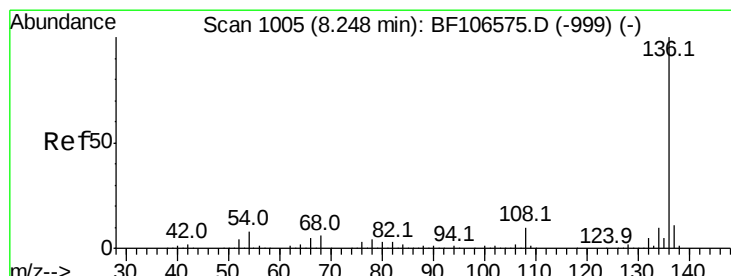
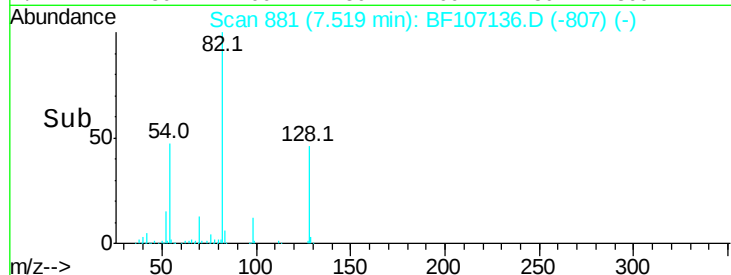
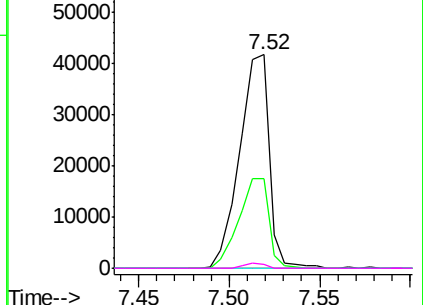


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

Tgt Ion: 136 Resp: 219862

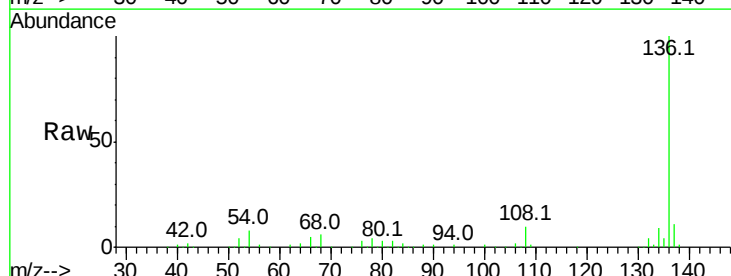
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.9 6.6 9.8

68 5.9 5.0 7.4

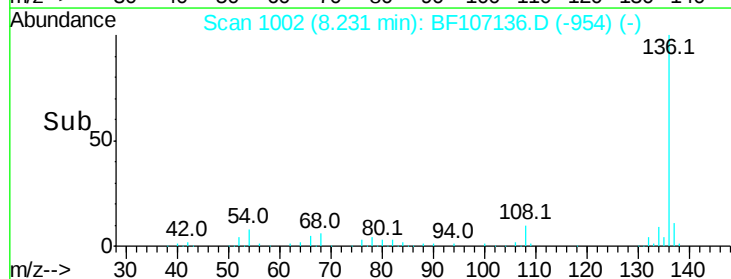
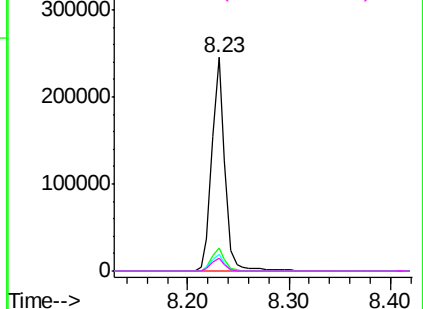


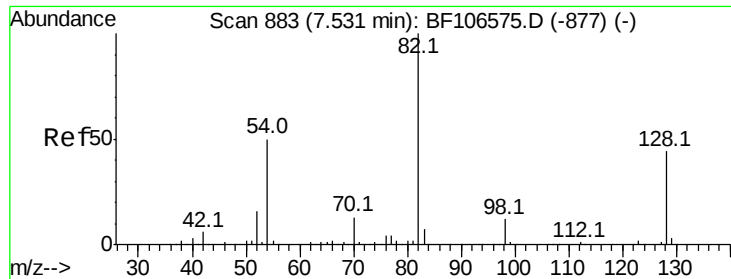
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

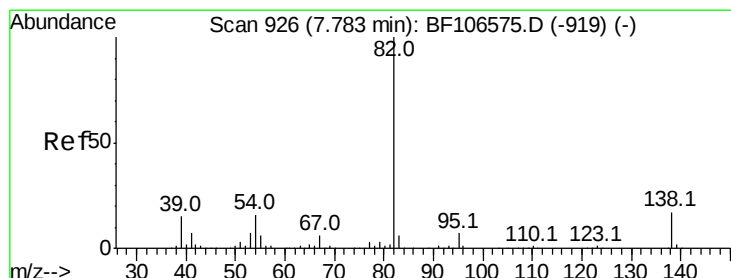
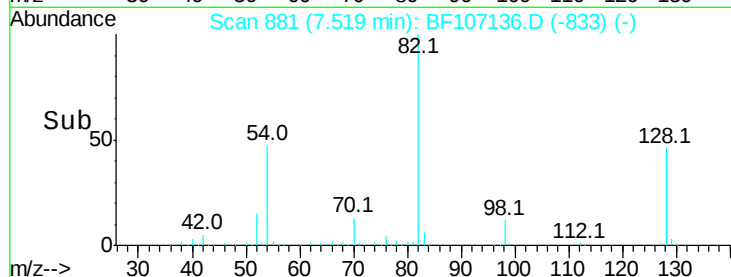
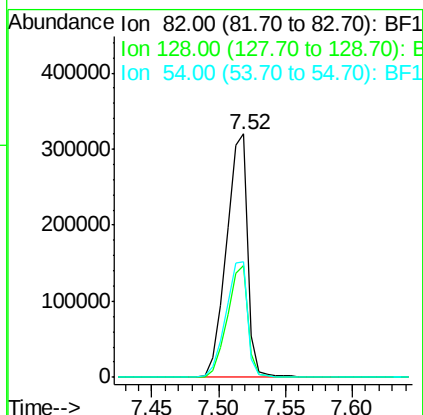
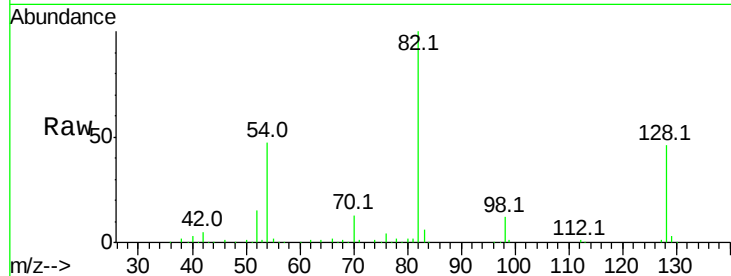




#23
Nitrobenzene-d5
Concen: 91.471 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

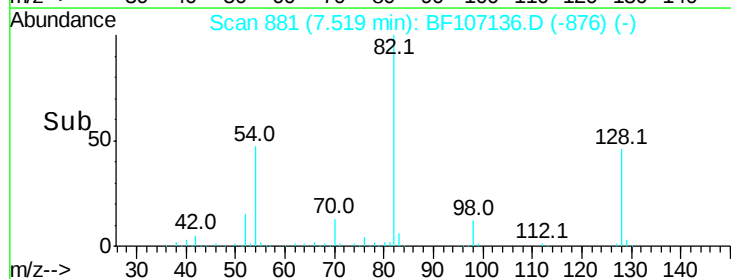
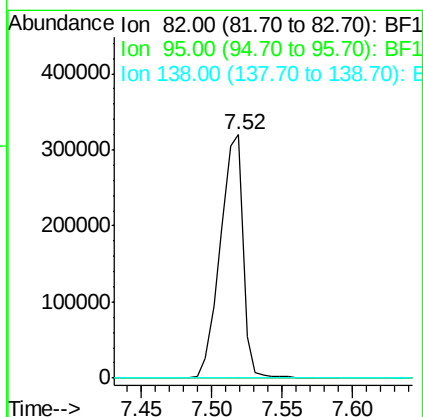
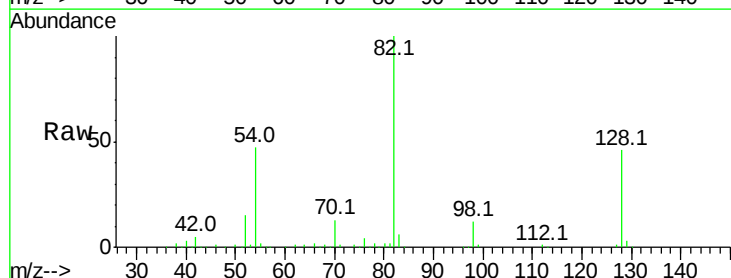
Instrument :
BNA_F
ClientSampleId :

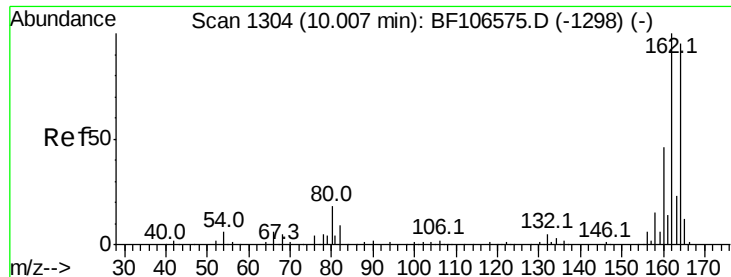
Tot Ion	82	Resp	361881
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	47.3	41.4	62.2



#25
Isophorone
Concen: 51.916 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Tgt Ion	82	Resp	361932
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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

Instrument :

BNA_F

ClientSampleId :

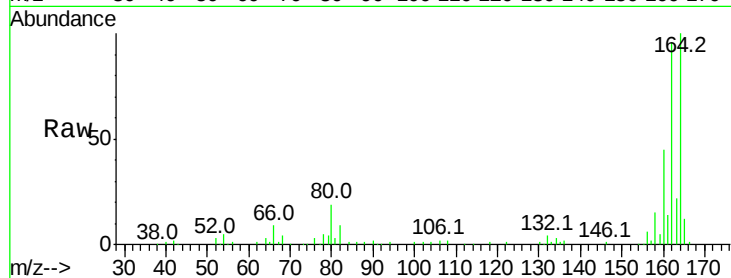
Tot Ion:164 Resp: 105270

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

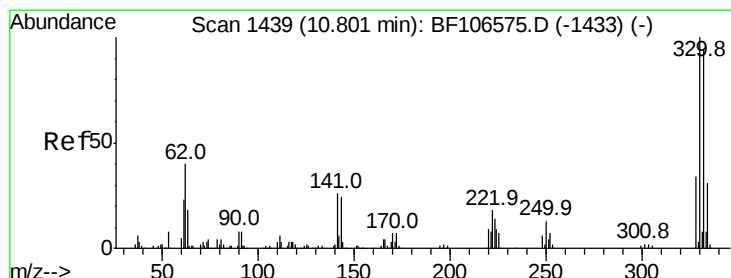
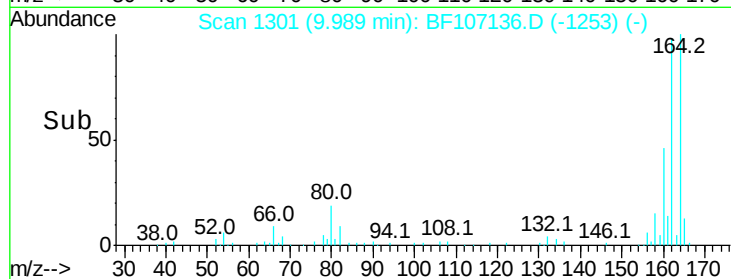
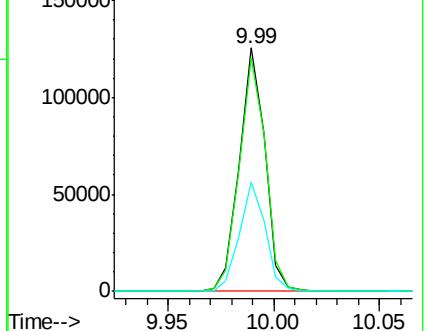
160 44.9 38.3 57.5



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: 134.119 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107136.D

Acq: 5 Jul 2018 19:31

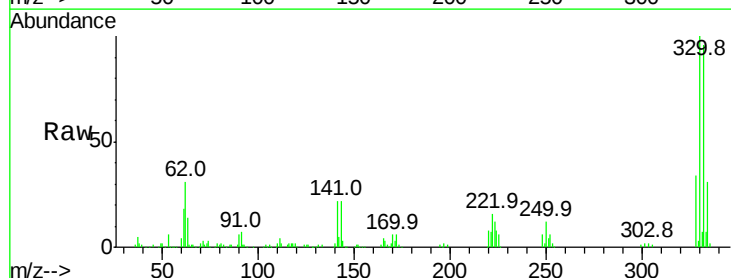
Tgt Ion:330 Resp: 163640

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

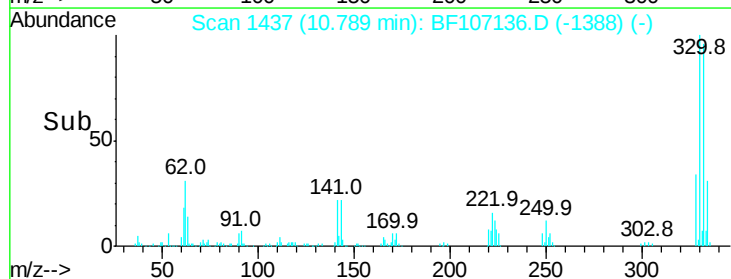
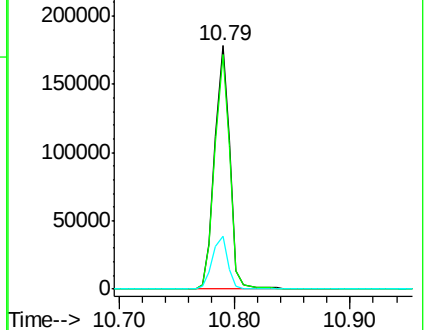
141 22.2 29.9 44.9#

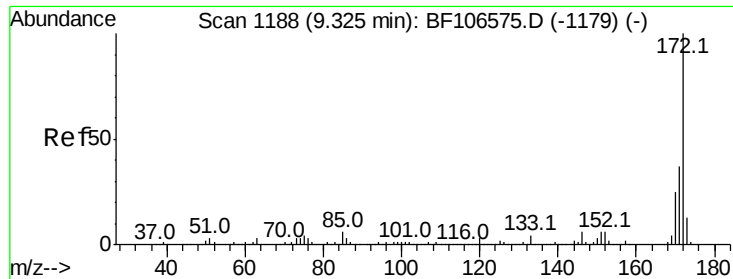


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



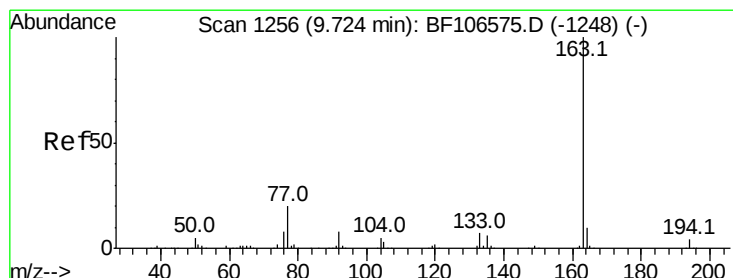
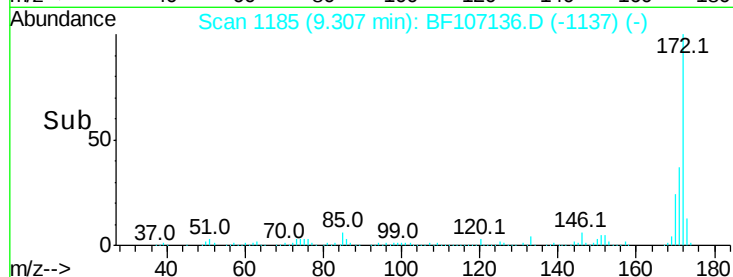
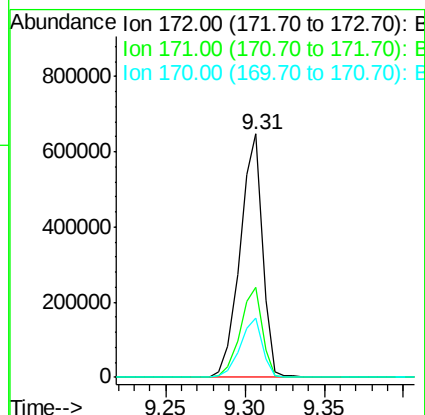
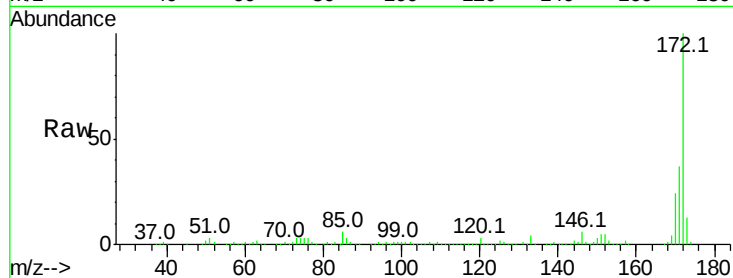


#44
 2-Fluorobiphenyl
 Concen: 105.597 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107136.D
 Acq: 5 Jul 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 634513

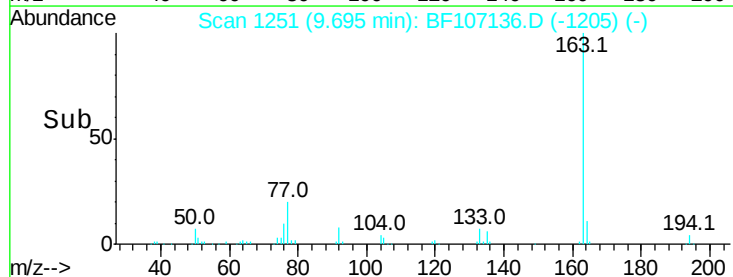
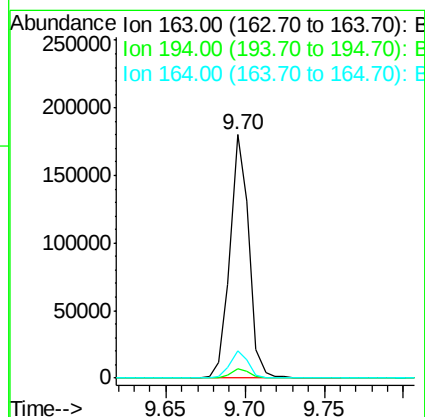
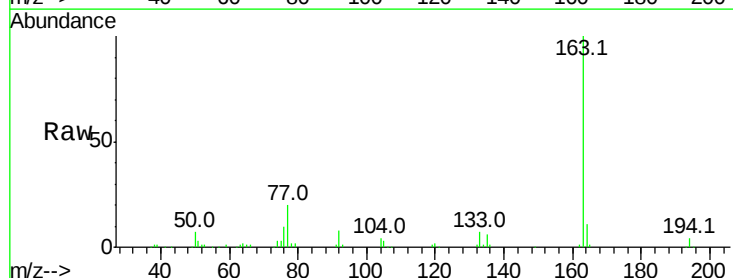
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

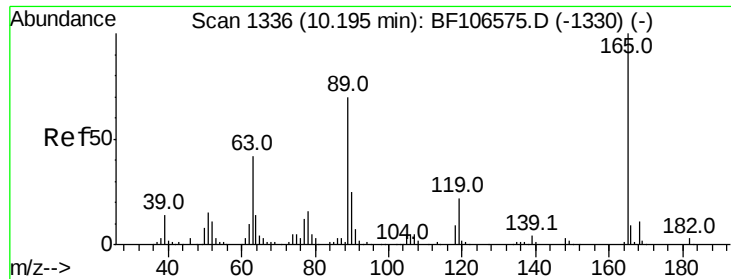


#49
 Dimethylphthalate
 Concen: 18.887 ng
 RT: 9.70 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF107136.D
 Acq: 5 Jul 2018 19:31

Tgt Ion:163 Resp: 149121

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.3	8.2	12.2

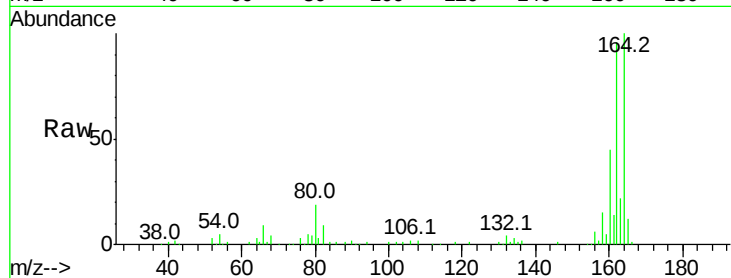




#56
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107136.D
 Acq: 5 Jul 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

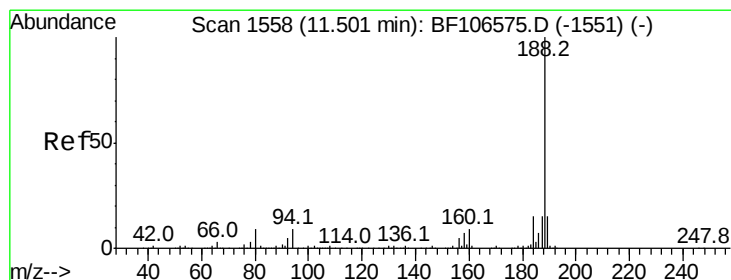
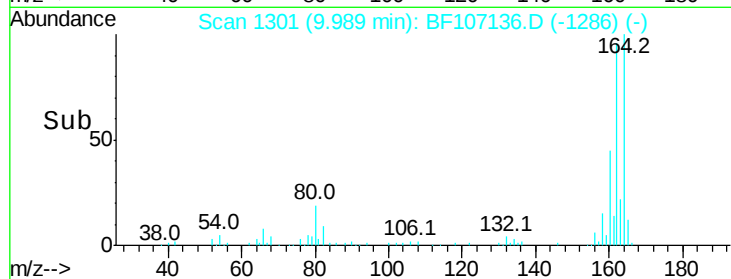
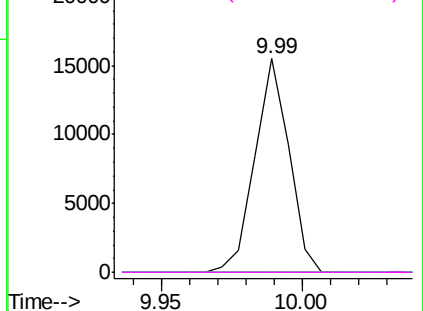


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

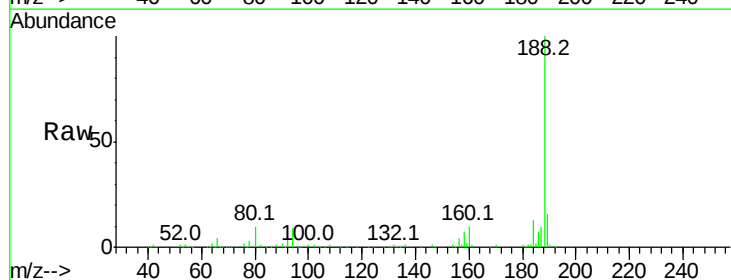
Ion 89.00 (88.70 to 89.70): BF1

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: BF107136.D
 Acq: 5 Jul 2018 19:31

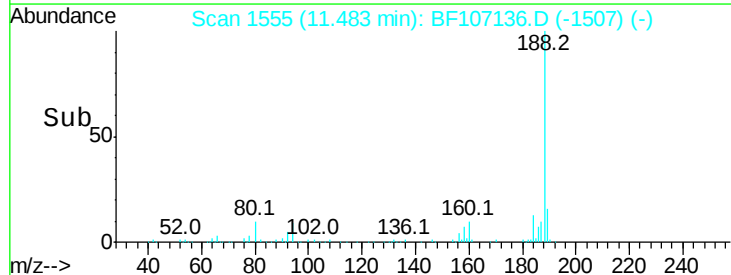
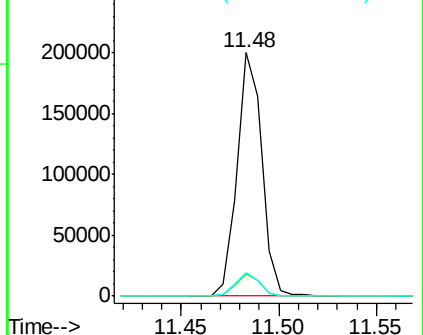
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

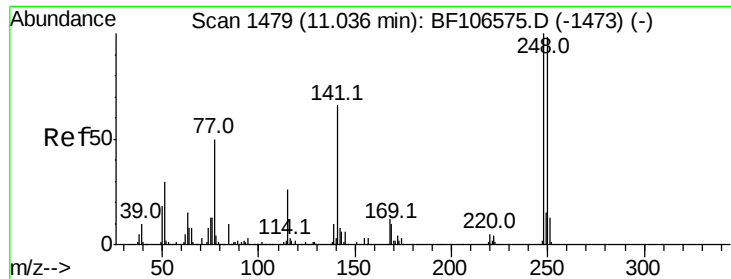


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

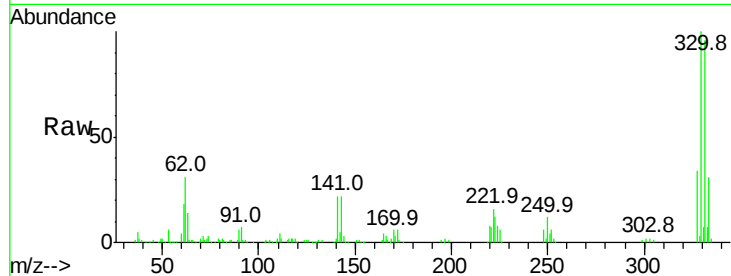




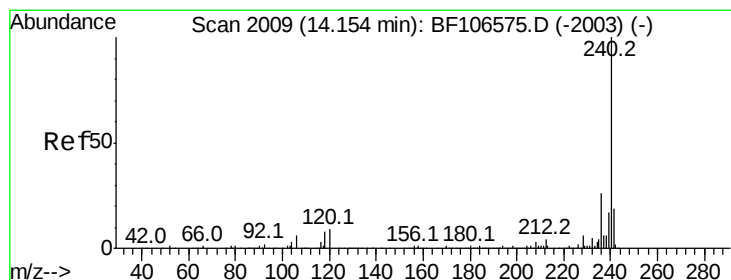
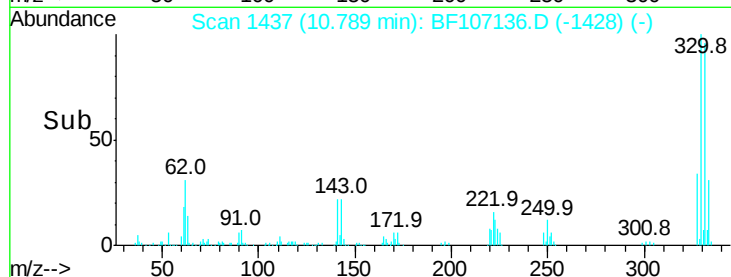
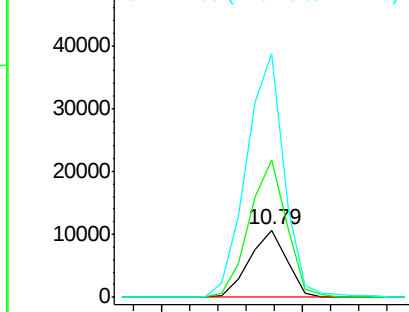
#66
4-Bromophenyl-phenylether
Concen: 4.665 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9809
Ion Ratio Lower Upper
248 100
250 205.1 76.9 115.3#
141 362.9 74.4 111.6#

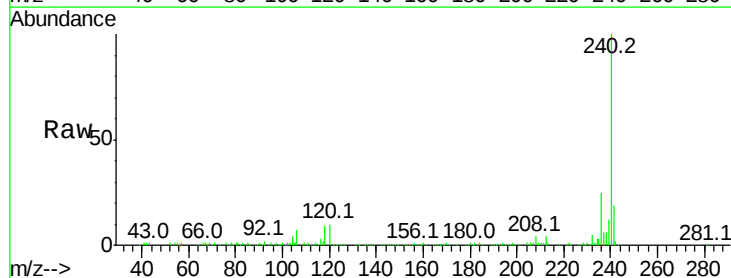


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

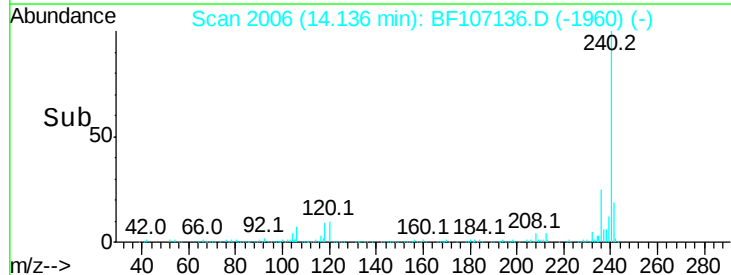
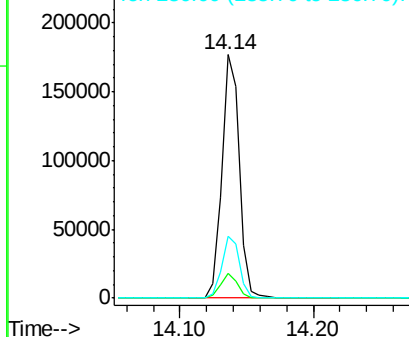


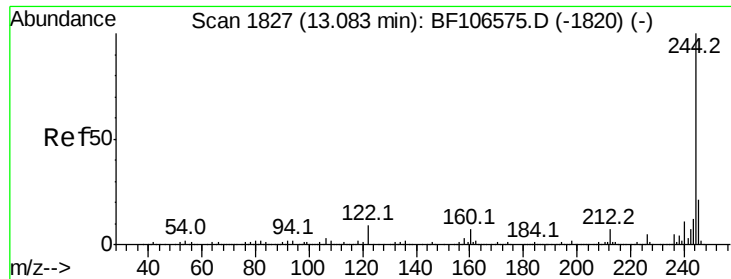
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Tgt Ion:240 Resp: 163771
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.5 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

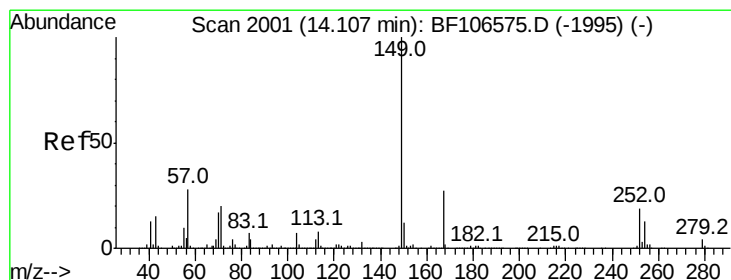
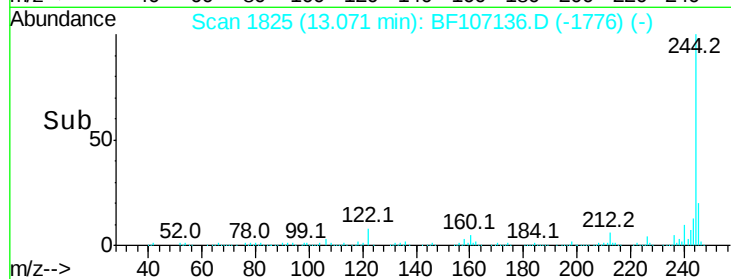
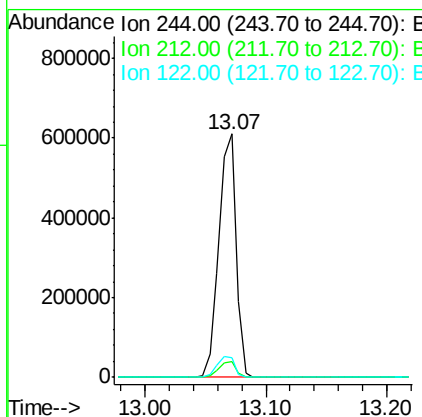
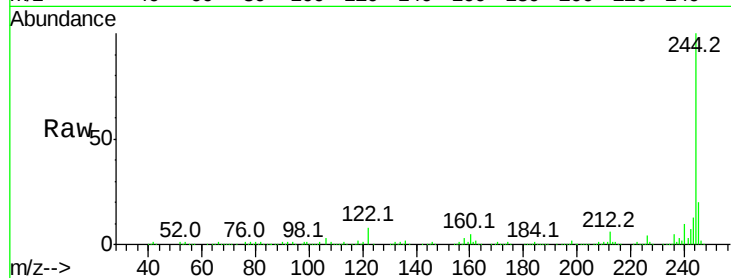




#78
 Terphenyl-d14
 Concen: 88.452 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107136.D
 Acq: 5 Jul 2018 19:31

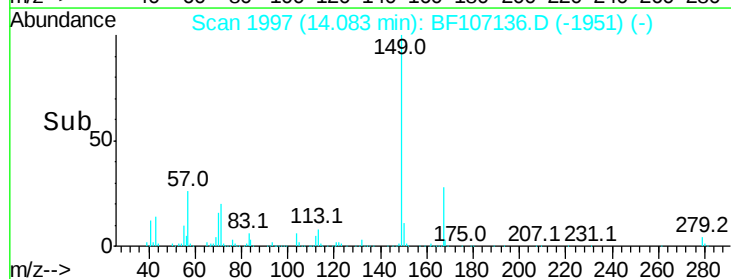
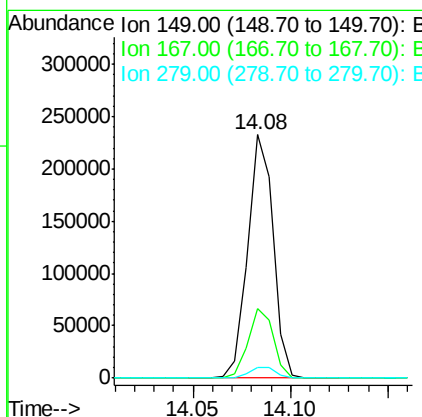
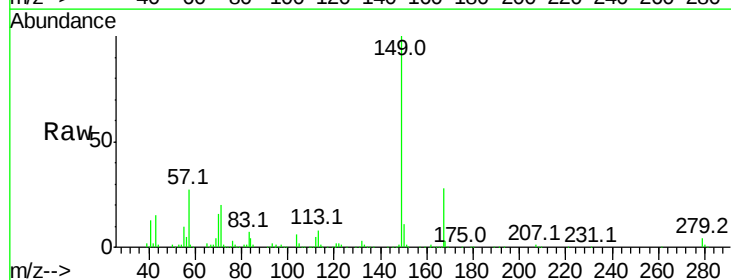
Instrument :
 BNA_F
 ClientSampleId :

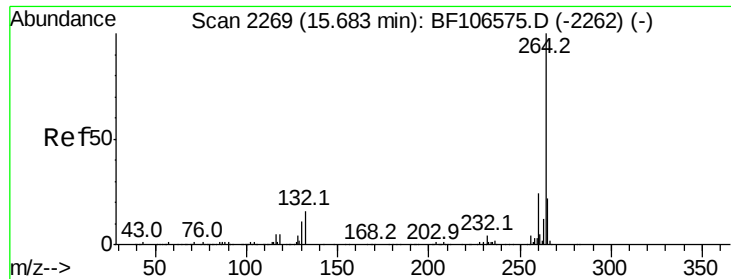
Tot Ion:244 Resp: 598025
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.1 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.124 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107136.D
 Acq: 5 Jul 2018 19:31

Tgt Ion:149 Resp: 210740
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.3 31.9
 279 4.2 3.0 4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107136.D
Acq: 5 Jul 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3

