

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107137.D
 Acq On : 5 Jul 2018 19:59
 Operator : JU/SJ
 Sample : J3629-14RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 00:53:09 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

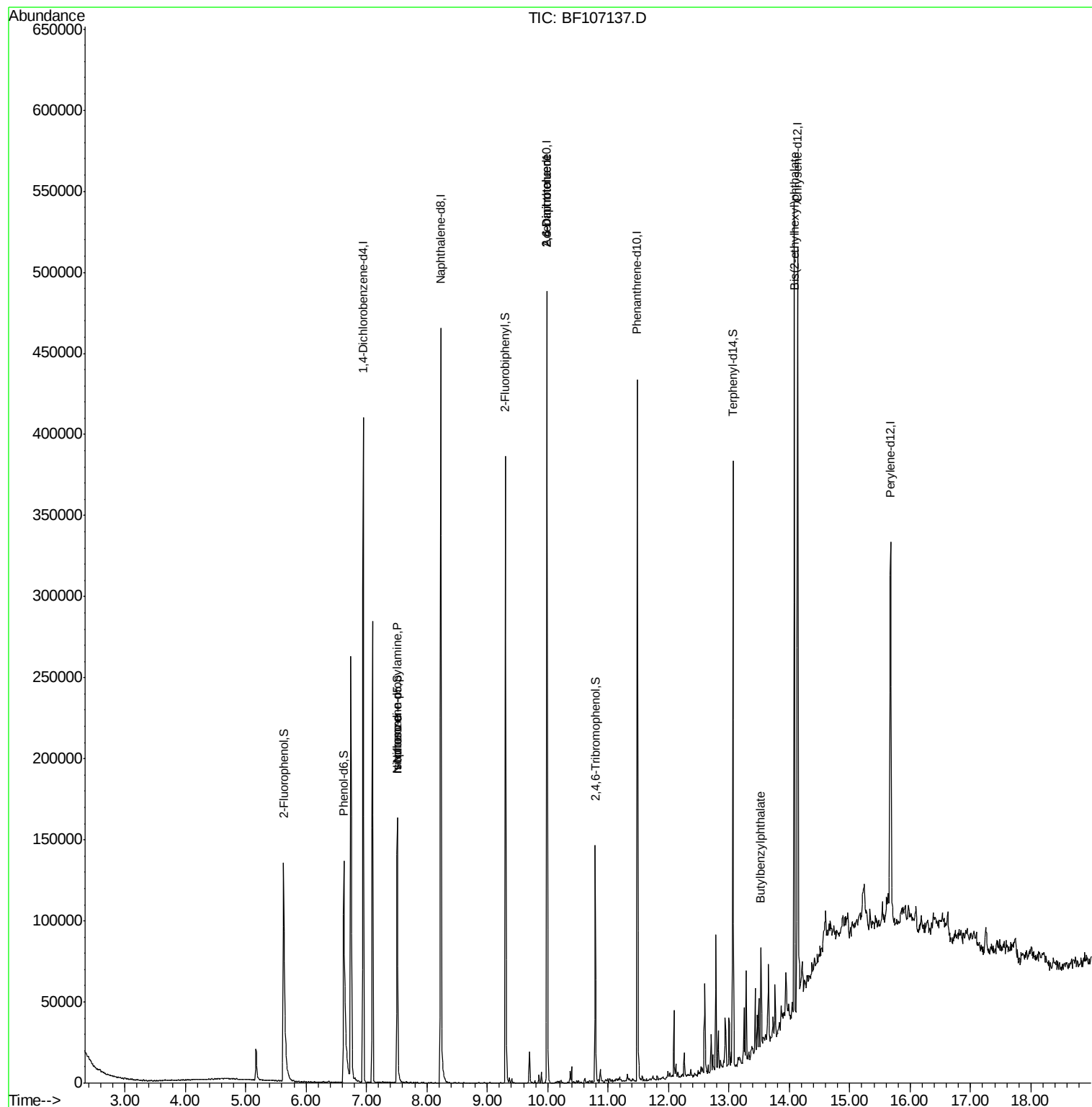
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59974	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	234469	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	102901	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	169856	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	169541	20.00	ng	-0.03
86) Perylene-d12	15.68	264	118798	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	84532	23.87	ng	0.02
7) Phenol-d6	6.62	99	103383	23.37	ng	0.01
23) Nitrobenzene-d5	7.51	82	62291	14.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	22887	19.19	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	130553	8.14	ng	-0.02
78) Terphenyl-d14	13.07	244	122161	17.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	7763	2.663	ng	# 74
25) Isophorone	7.51	82	62291	8.378	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	12779	7.819	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	12779	5.991	ng	# 21
79) Butylbenzylphthalate	13.53	149	14662	3.190	ng	# 96
83) Bis(2-ethylhexyl)phthalate	14.08	149	128071	21.793	ng	97

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

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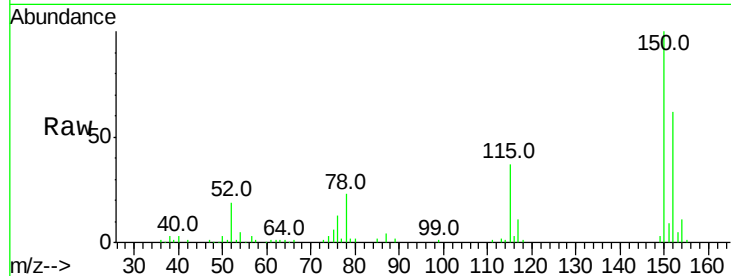


#1

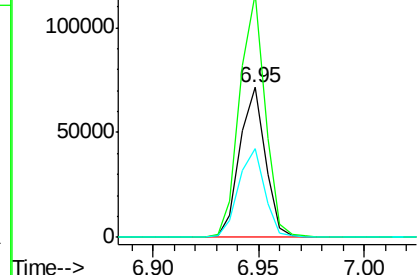
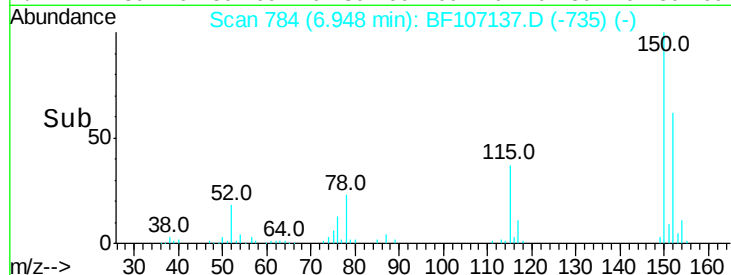
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107137.D
Acq: 5 Jul 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59974
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 59.4 50.1 75.1



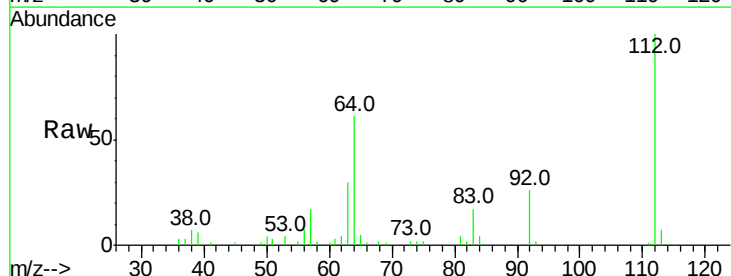
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



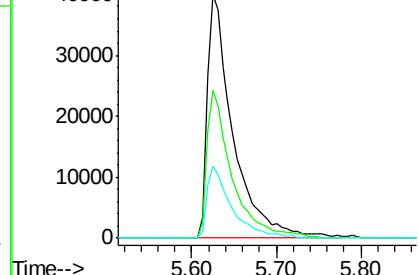
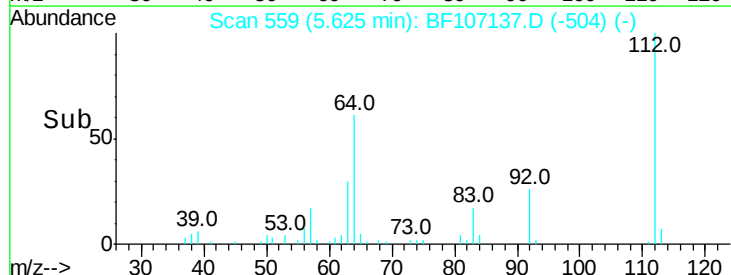
#5

2-Fluorophenol
Concen: 23.867 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF107137.D
Acq: 5 Jul 2018 19:59

Tgt Ion:112 Resp: 84532
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 29.6 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: 23.374 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

Instrument :

BNA_F

ClientSampleId :

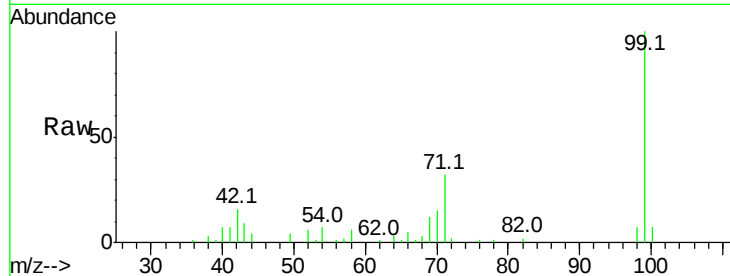
Tot Ion: 99 Resp: 103383

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

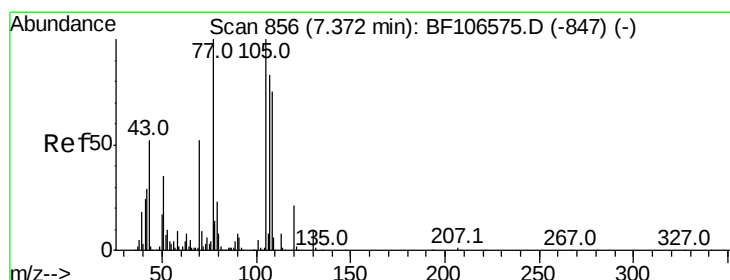
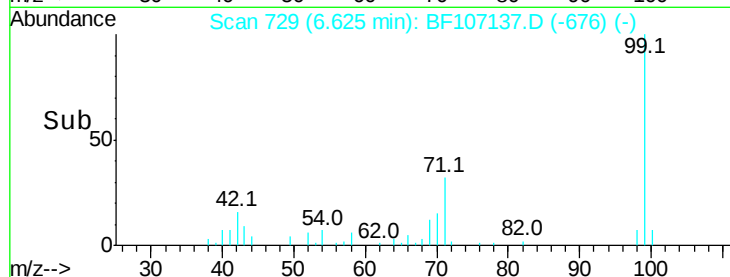
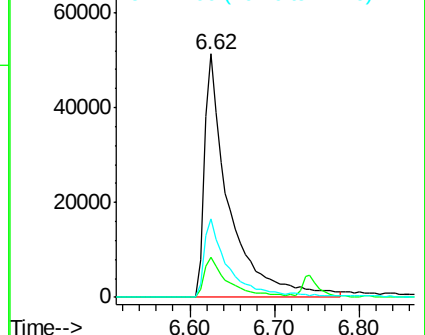
71 32.3 25.4 38.0



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: 2.663 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

Tgt Ion: 70 Resp: 7763

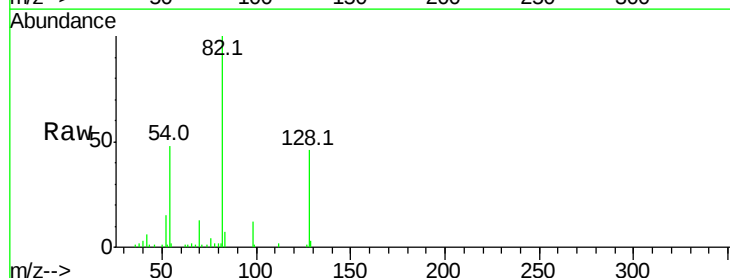
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

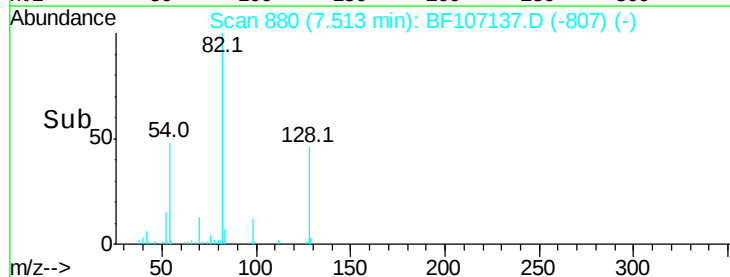
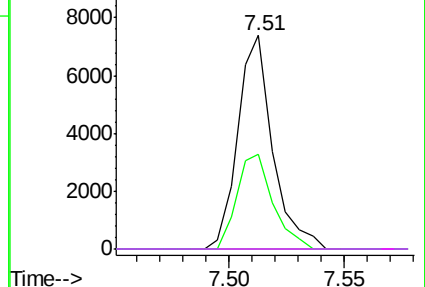


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF107137.D

Acq: 5 Jul 2018 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 234469

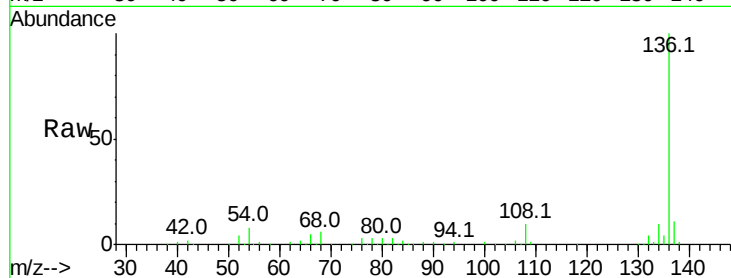
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.2 5.0 7.4

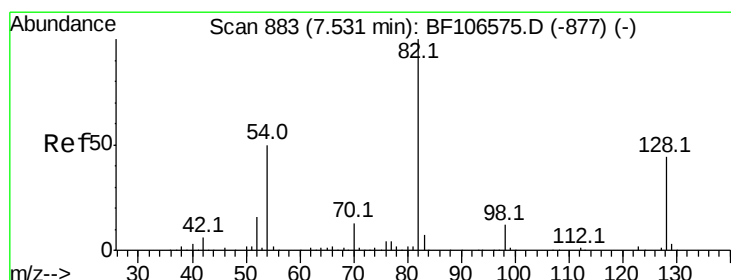
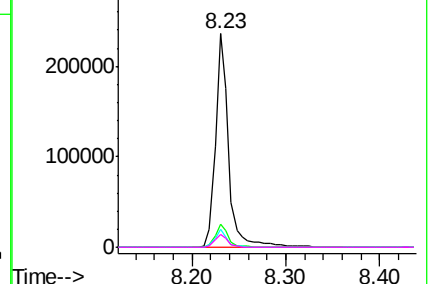
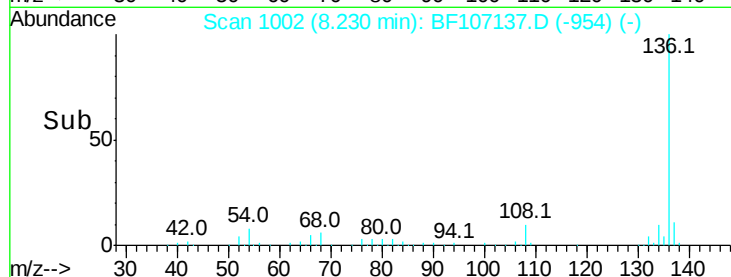


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.764 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

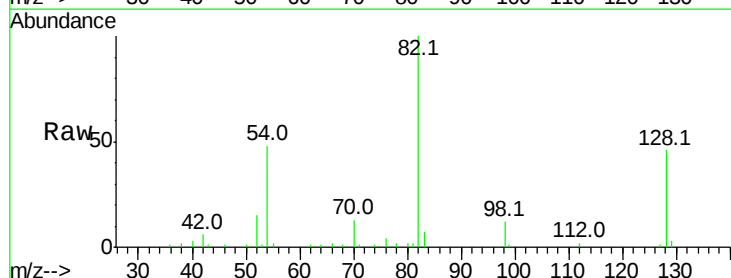
Tgt Ion: 82 Resp: 62291

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

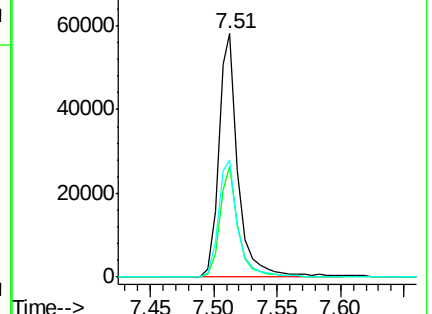
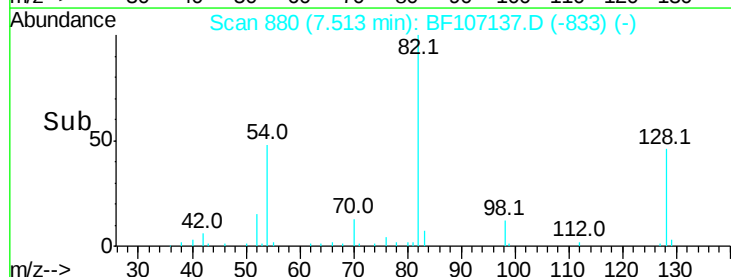
54 48.0 41.4 62.2

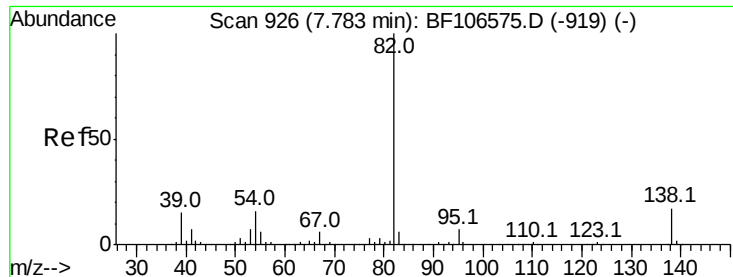


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.378 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

Instrument :

BNA_F

ClientSampleId :

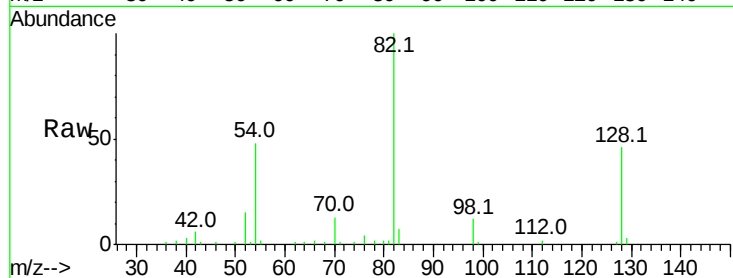
Tot Ion: 82 Resp: 62291

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

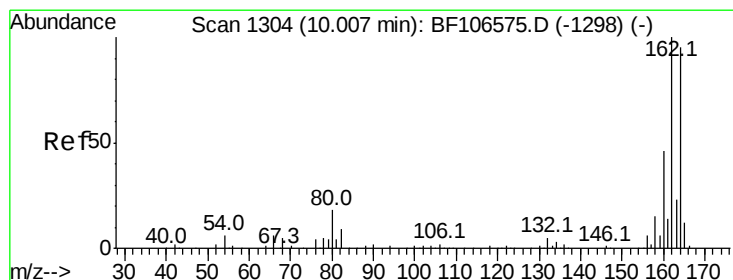
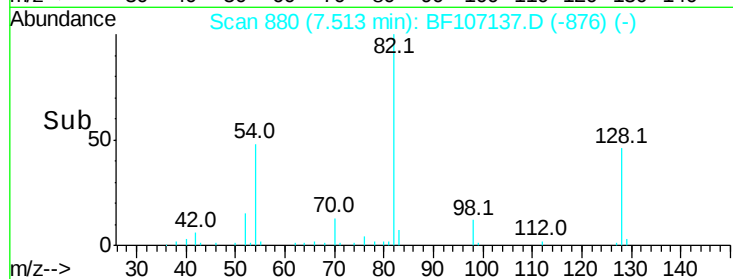
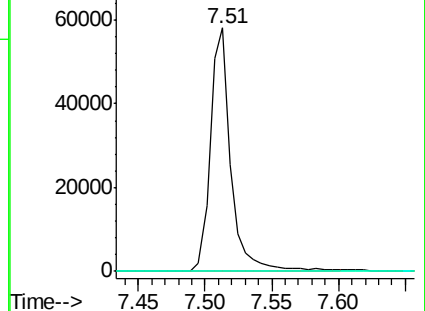
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

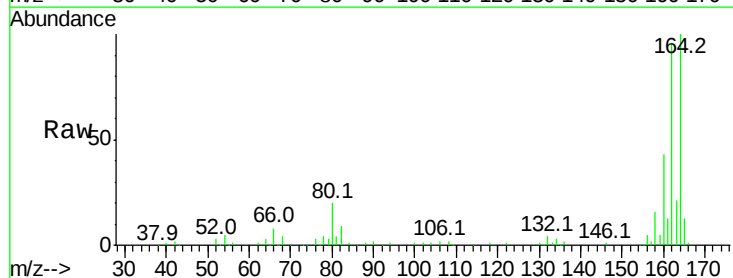
Tgt Ion: 164 Resp: 102901

Ion Ratio Lower Upper

164 100

162 95.3 86.1 129.1

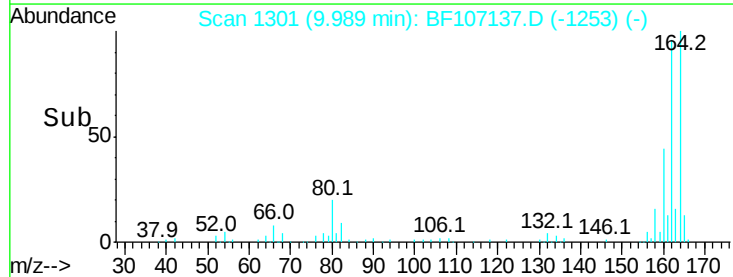
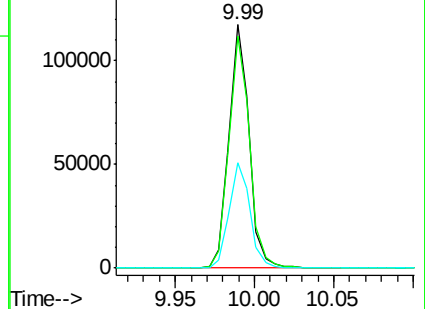
160 43.4 38.3 57.5



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

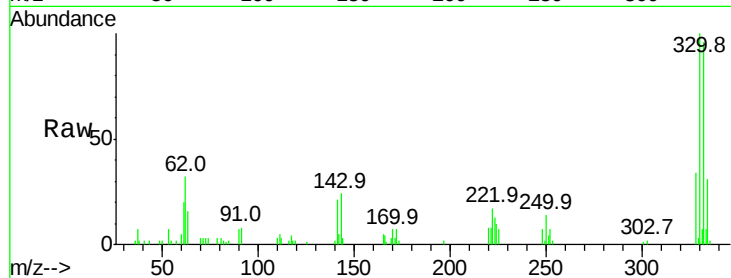




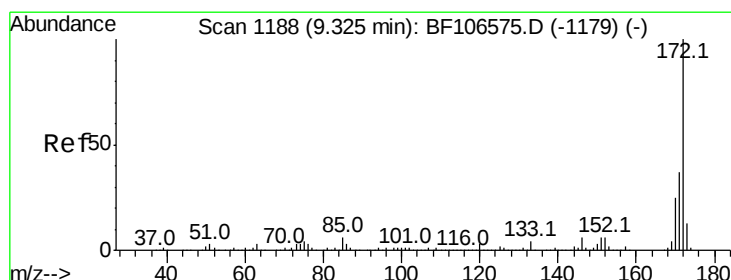
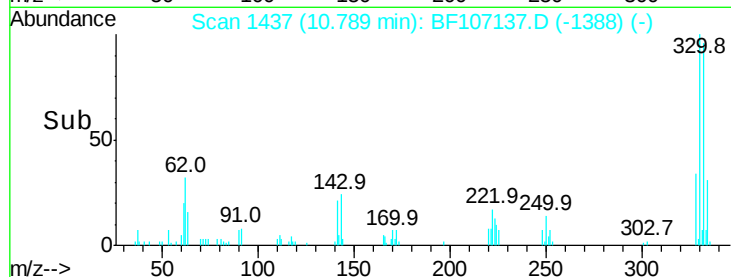
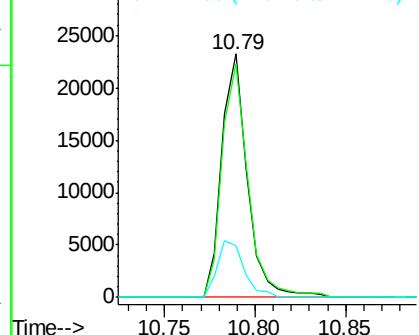
#41
 2,4,6-Tribromophenol
 Concen: 19.190 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107137.D
 Acq: 5 Jul 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	24.2	29.9	44.9#

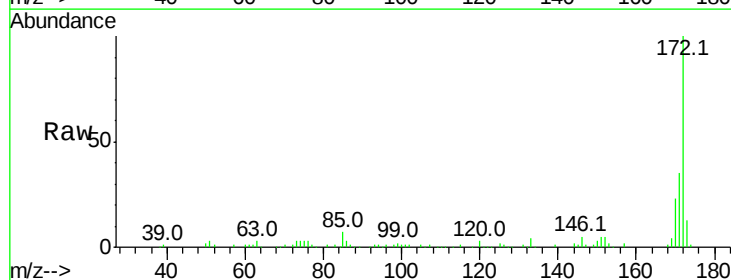


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

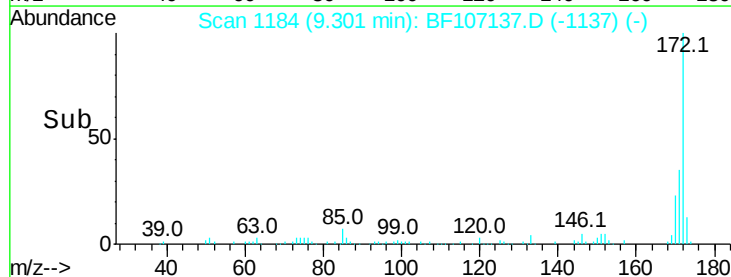
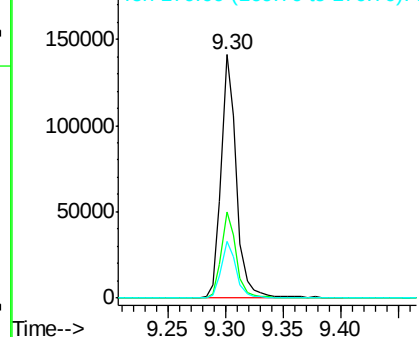


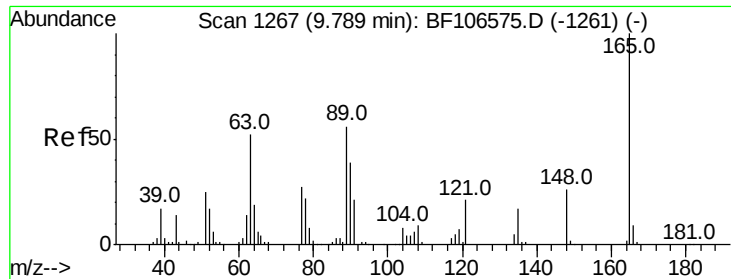
#44
 2-Fluorobiphenyl
 Concen: 8.135 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107137.D
 Acq: 5 Jul 2018 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	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

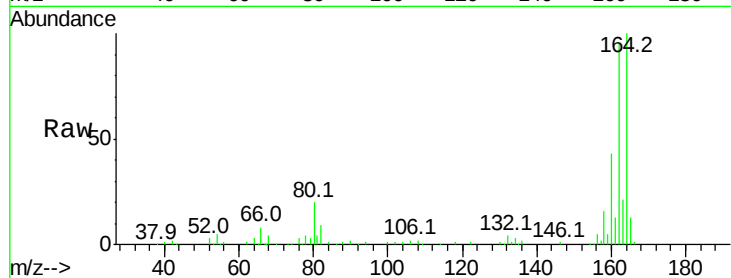




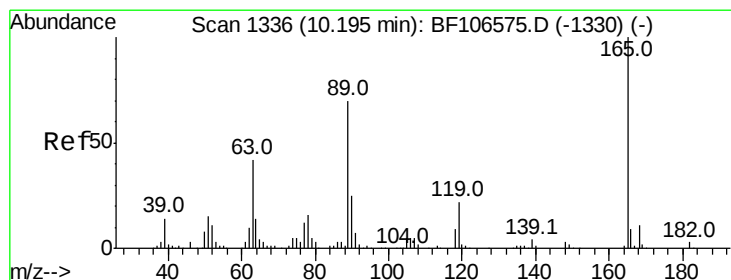
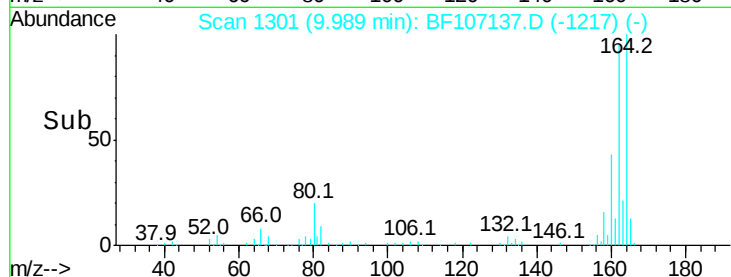
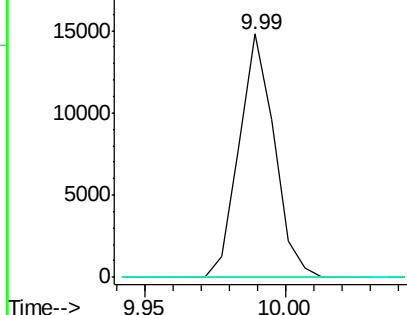
#50
 2,6-Dinitrotoluene
 Concen: 7.819 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. 0.19 min
 Lab File: BF107137.D
 Acq: 5 Jul 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12779
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

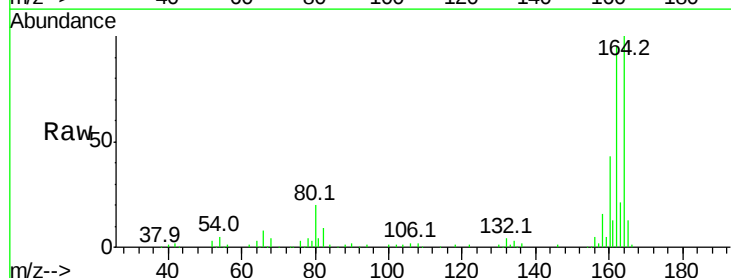


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

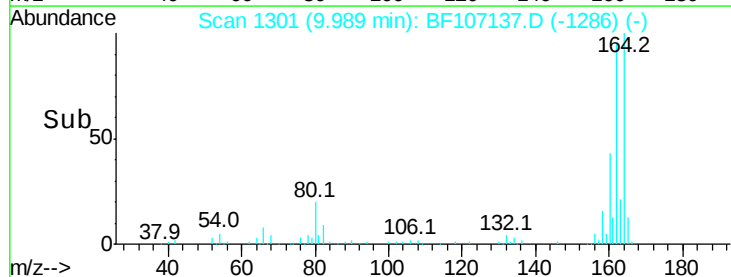
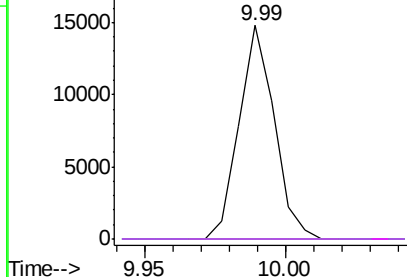


#56
 2,4-Dinitrotoluene
 Concen: 5.991 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107137.D
 Acq: 5 Jul 2018 19:59

Tgt Ion:165 Resp: 12779
 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

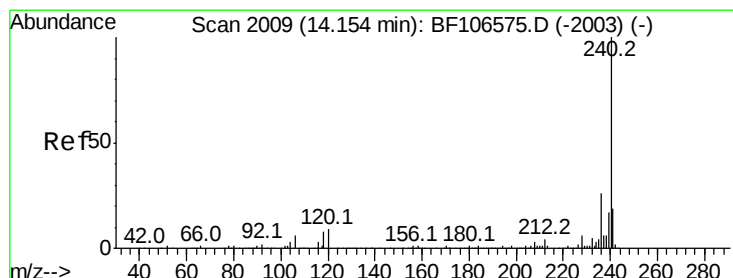
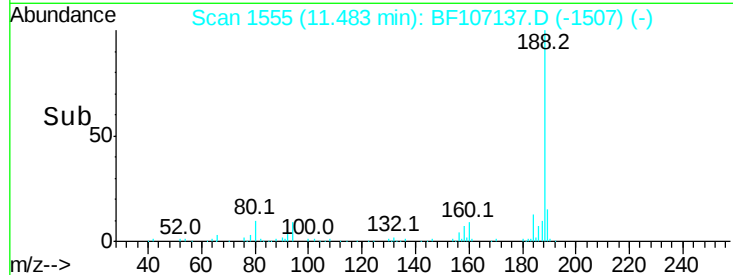
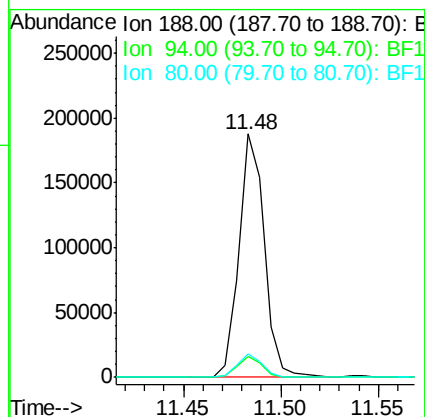
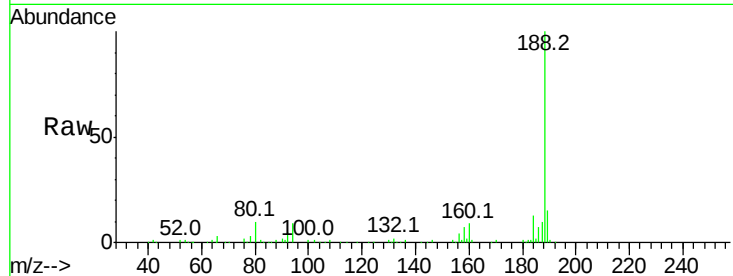




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107137.D
Acq: 5 Jul 2018 19:59

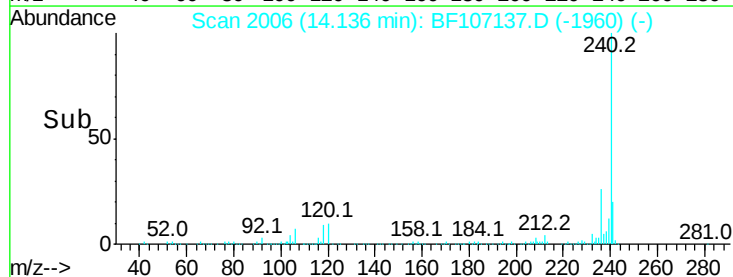
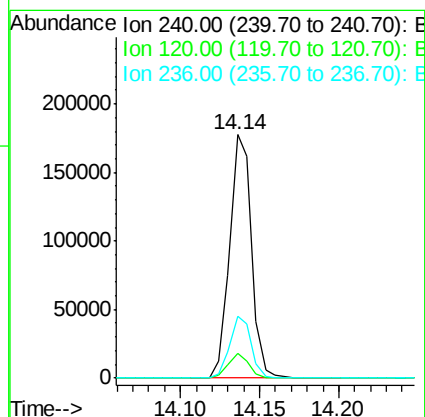
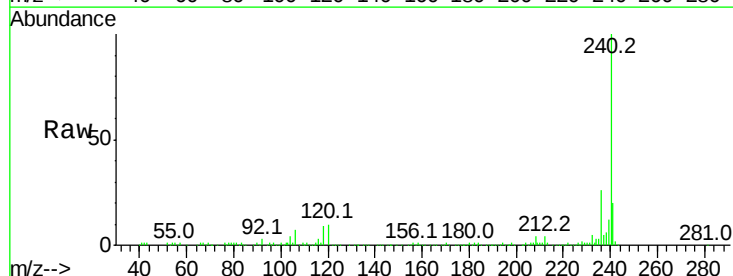
Instrument :
BNA_F
ClientSampled :

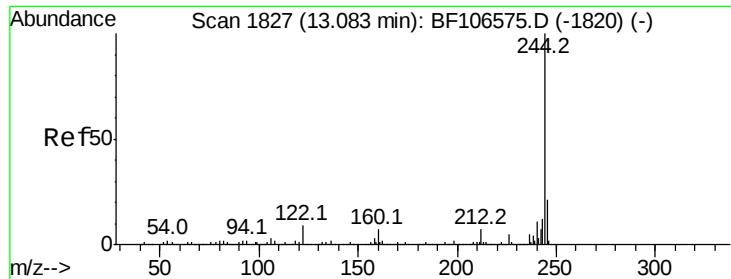
Tot Ion	188	Ratio	100	Resp	169856
Ion	188	Ratio	100	Lower	Upper
	94	8.8		8.5	12.7
	80	9.8		9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107137.D
Acq: 5 Jul 2018 19:59

Tgt Ion	240	Ratio	100	Resp	169541
Ion	240	Ratio	100	Lower	Upper
	120	10.4		9.5	14.3
	236	25.5		20.7	31.1





#78

Terphenyl-d14

Concen: 17.454 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107137.D

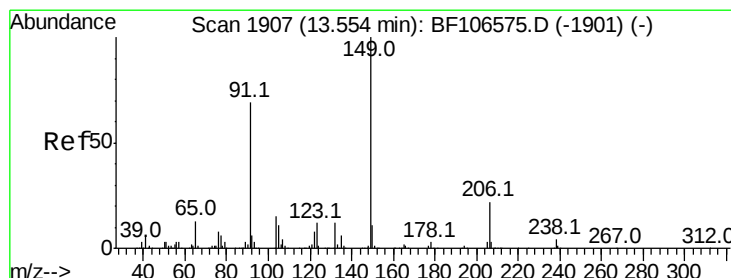
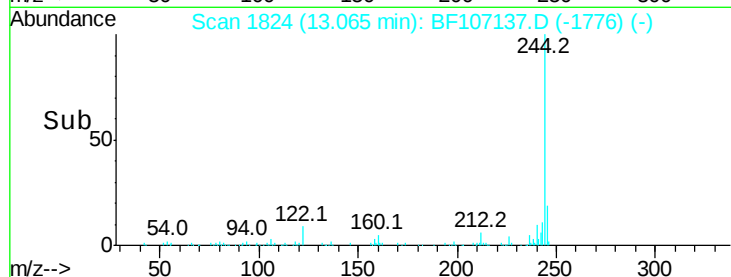
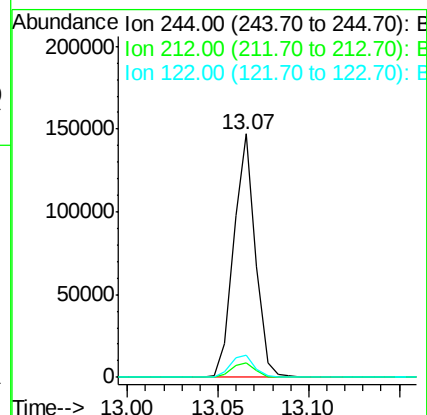
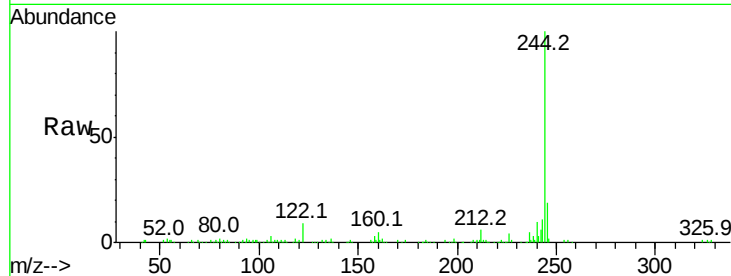
Acq: 5 Jul 2018 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	244	Resp:	122161
Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	8.9	11.0	16.4#



#79

Butylbenzylphthalate

Concen: 3.190 ng

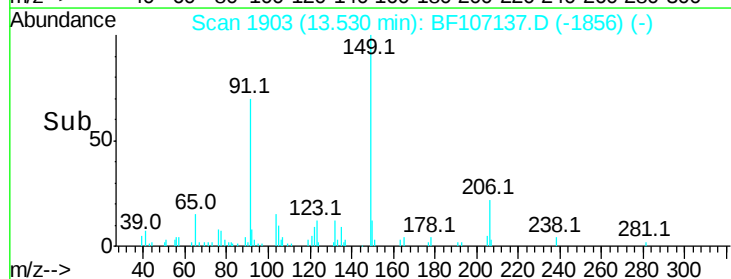
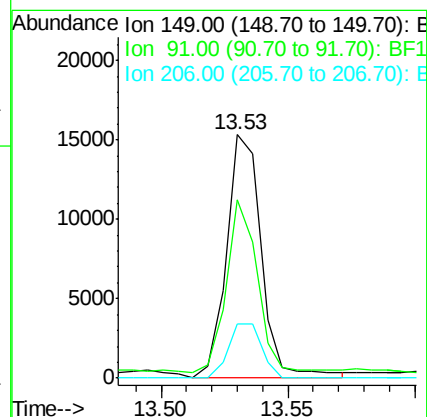
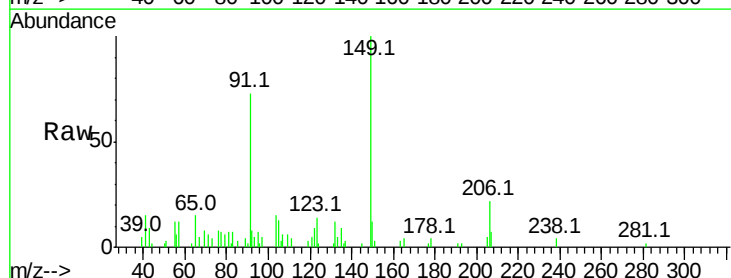
RT: 13.53 min Scan# 1903

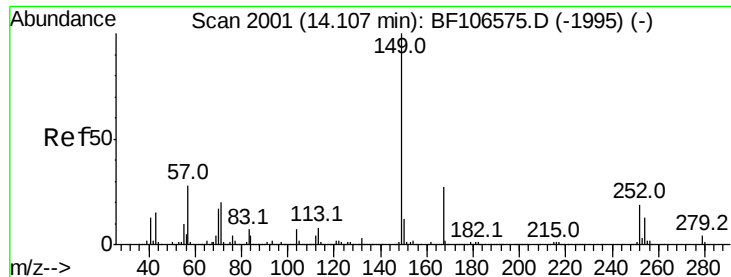
Delta R.T. -0.02 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

Tgt Ion:	149	Resp:	14662
Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	22.4	14.1	21.1#





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.793 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107137.D

Acq: 5 Jul 2018 19:59

Instrument :

BNA_F

ClientSampleId :

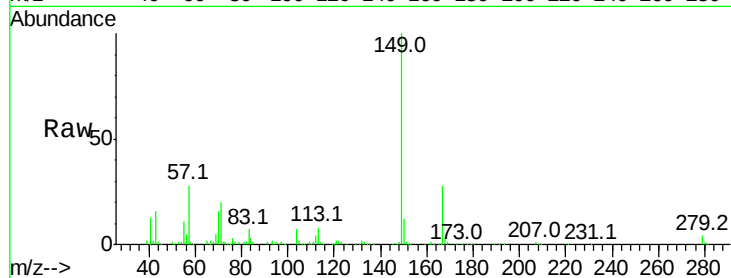
Tot Ion:149 Resp: 128071

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

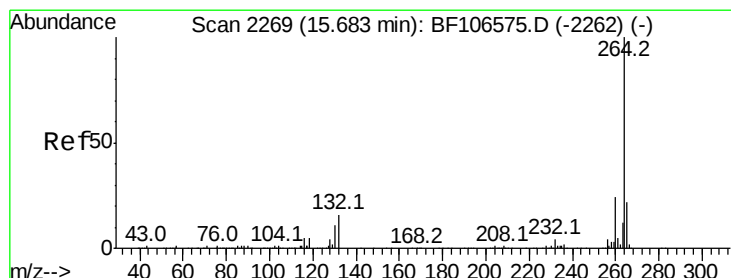
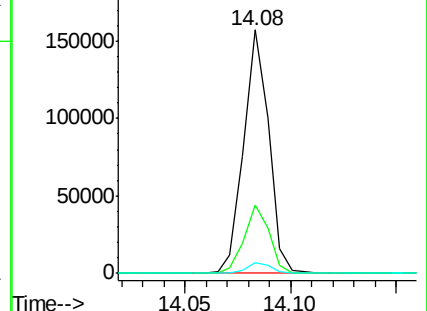
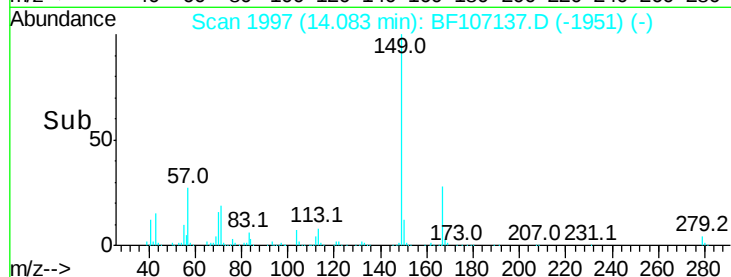
279 4.2 3.0 4.4



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: BF107137.D

Acq: 5 Jul 2018 19:59

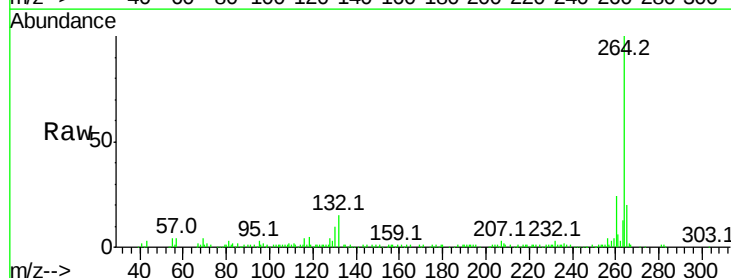
Tgt Ion:264 Resp: 118798

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.4 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

