

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107139.D
 Acq On : 5 Jul 2018 20:53
 Operator : JU/SJ
 Sample : J3480-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:13:24 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

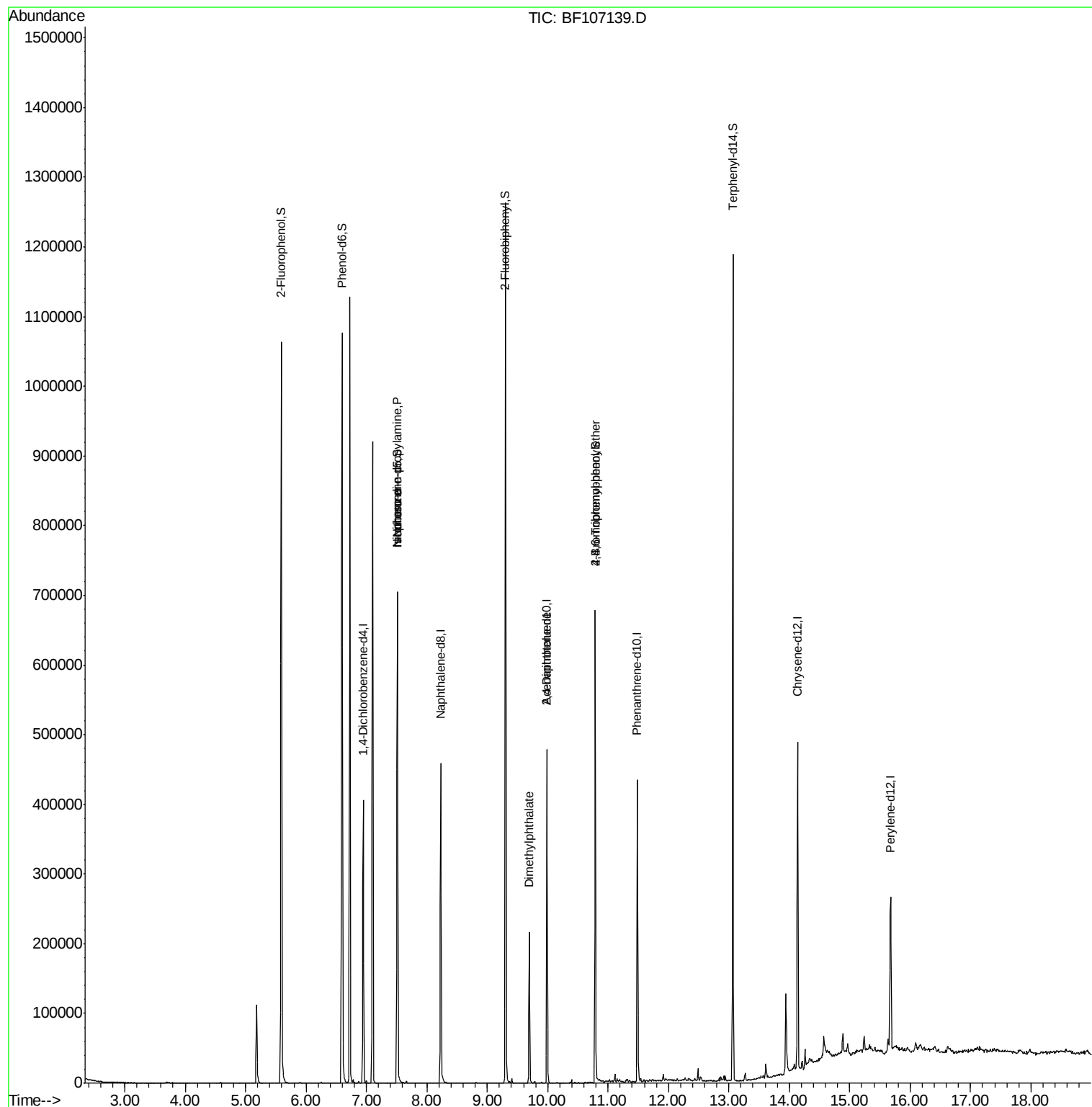
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56922	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	216208	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97524	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	170059	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	166117	20.00	ng	-0.03
86) Perylene-d12	15.68	264	118656	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	311683	92.72	ng	-0.01
7) Phenol-d6	6.60	99	389302	92.74	ng	-0.02
23) Nitrobenzene-d5	7.51	82	235365	60.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	103740	91.78	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	431295	72.73	ng	-0.02
78) Terphenyl-d14	13.07	244	431821	62.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	30304	10.951	ng	# 73
25) Isophorone	7.51	82	235362	34.331	ng	# 64
49) Dimethylphthalate	9.70	163	87550	11.970	ng	98
56) 2,4-Dinitrotoluene	9.99	165	12653	6.259	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	6429	3.168	ng	# 1

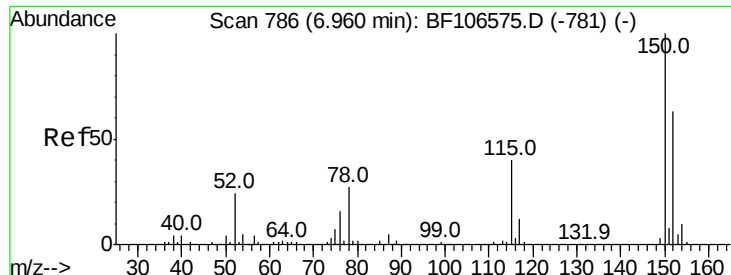
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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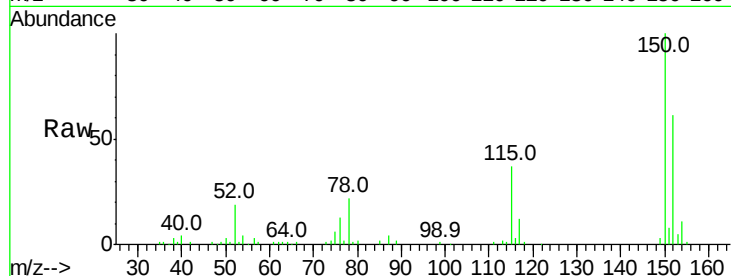


#1

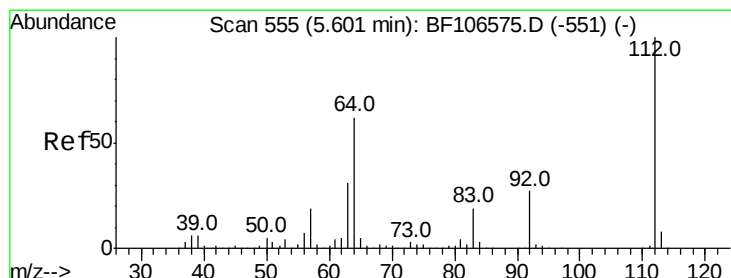
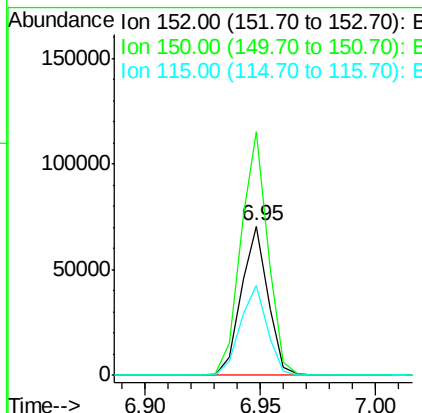
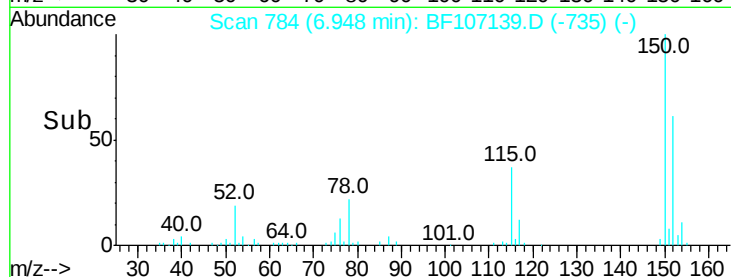
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107139.D
Acq: 5 Jul 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56922
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 60.2 50.1 75.1



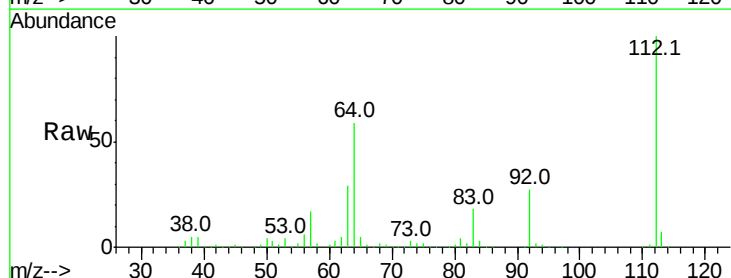
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



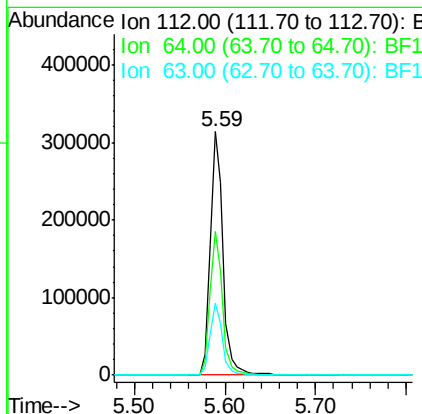
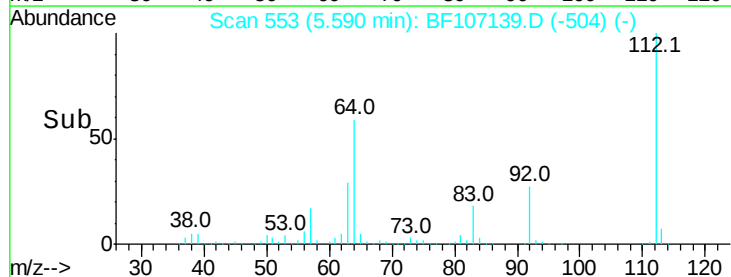
#5

2-Fluorophenol
Concen: 92.720 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107139.D
Acq: 5 Jul 2018 20:53

Tgt Ion:112 Resp: 311683
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.5 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: 92.736 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

Instrument :

BNA_F

ClientSampled :

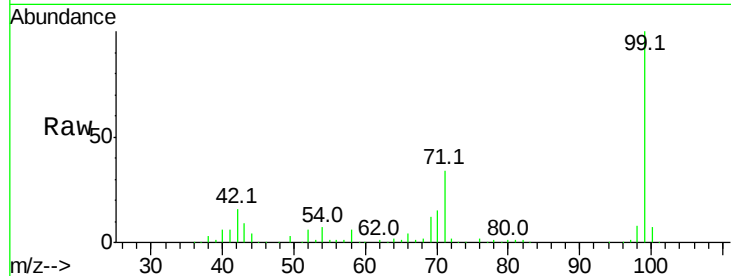
Tot Ion: 99 Resp: 389302

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

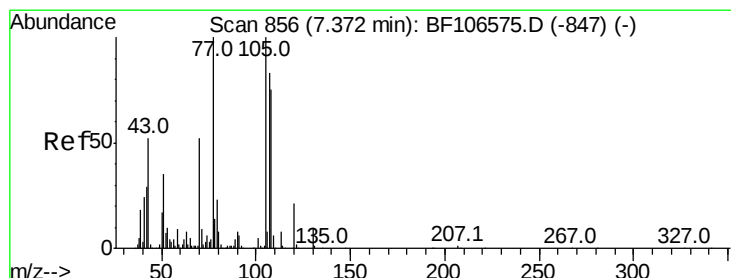
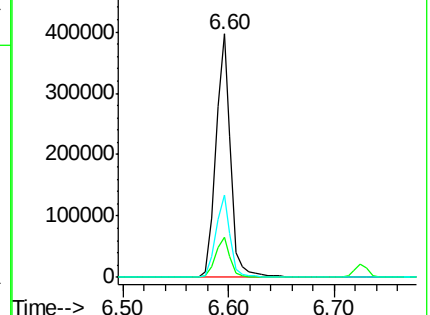
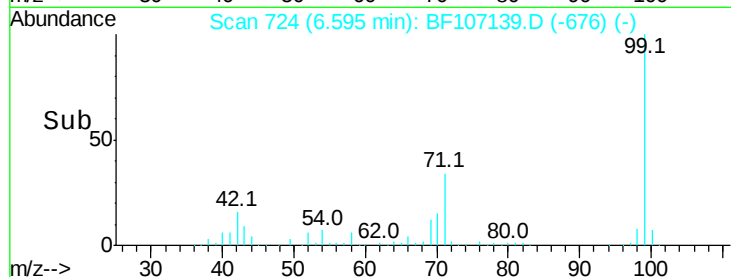
71 34.0 25.4 38.0



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: 10.951 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

Tgt Ion: 70 Resp: 30304

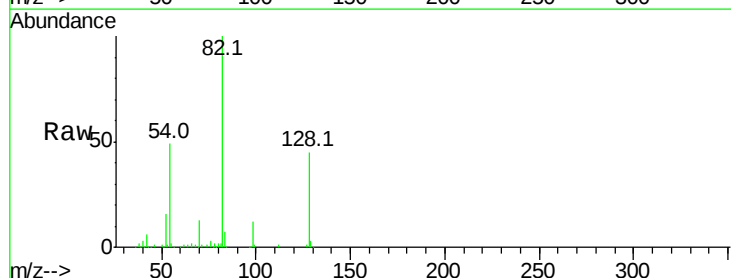
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

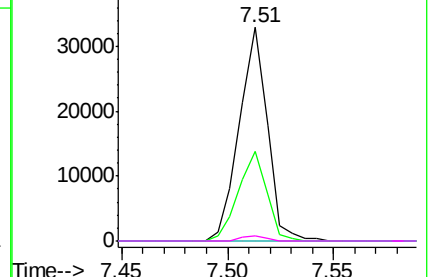
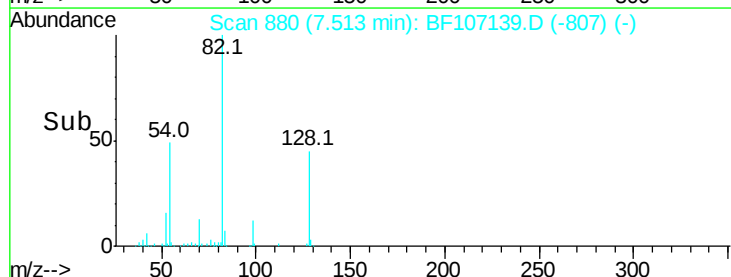


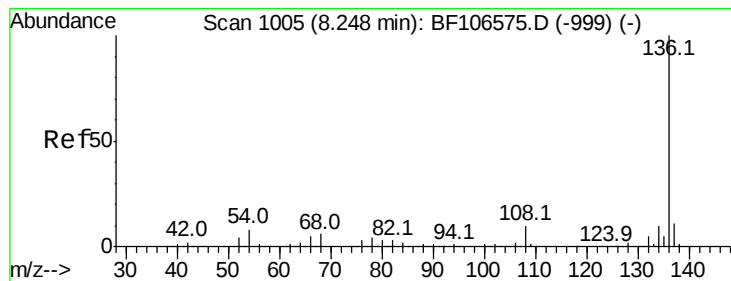
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 216208

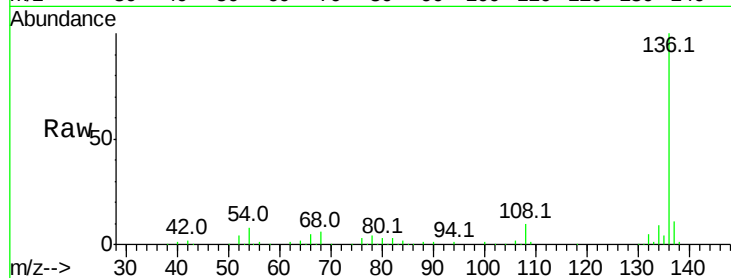
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

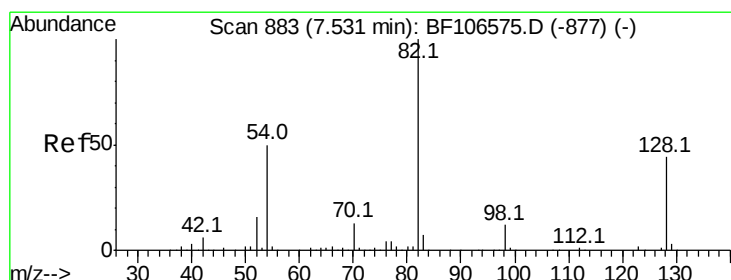
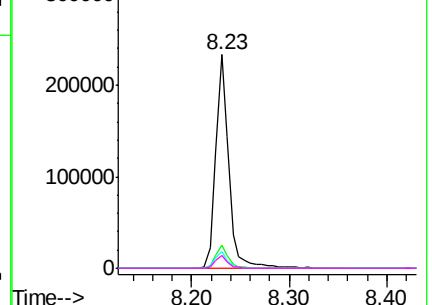
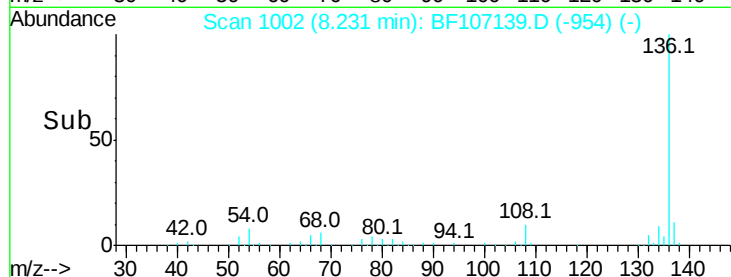


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.498 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

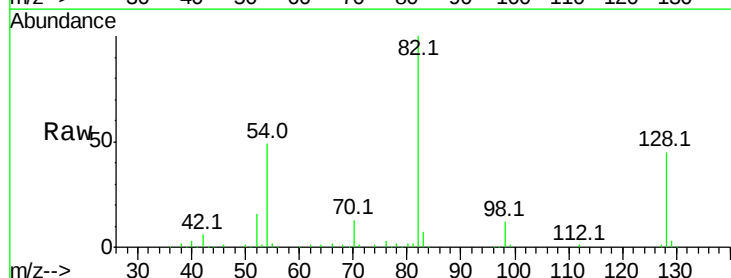
Tgt Ion: 82 Resp: 235365

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

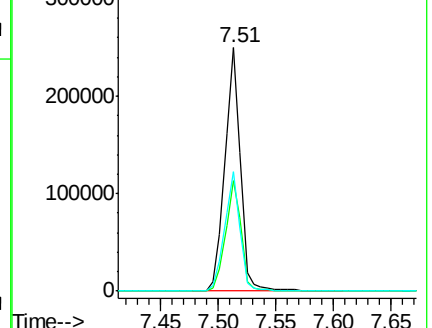
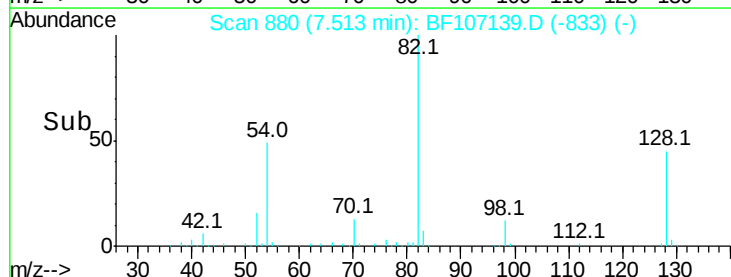
54 49.0 41.4 62.2

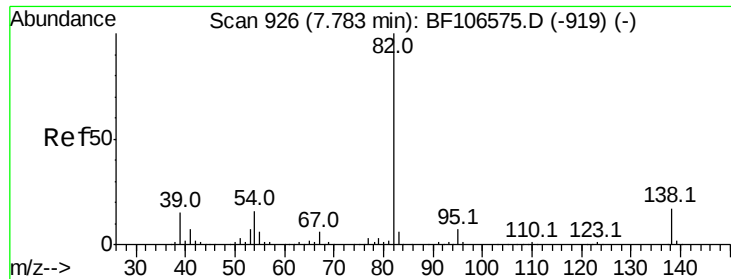


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.331 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

Instrument :

BNA_F

ClientSampleId :

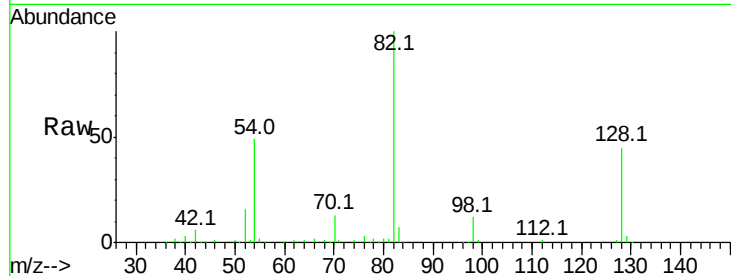
Tot Ion: 82 Resp: 235362

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

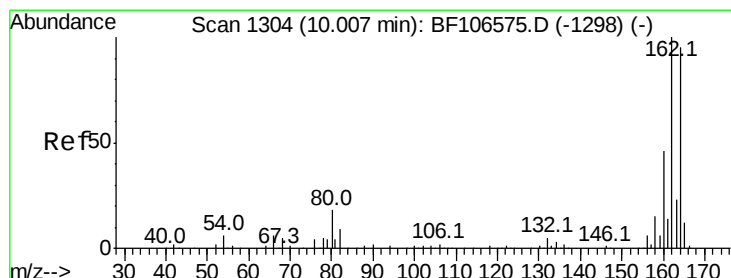
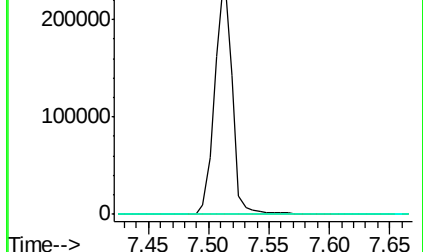
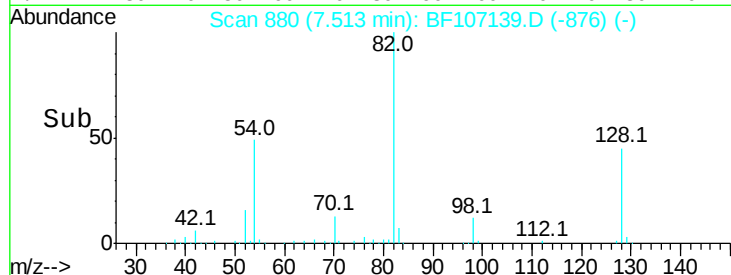
138 0.0 14.9 22.3#



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: BF107139.D

Acq: 5 Jul 2018 20:53

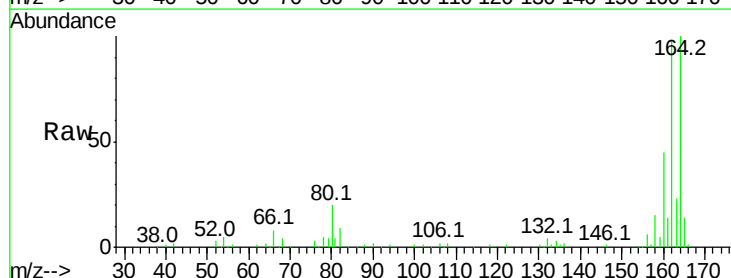
Tgt Ion:164 Resp: 97524

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

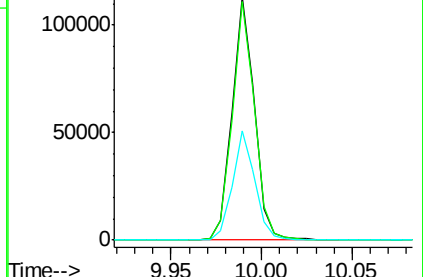
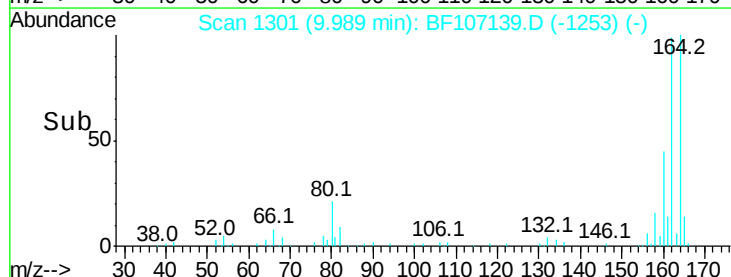
160 44.8 38.3 57.5

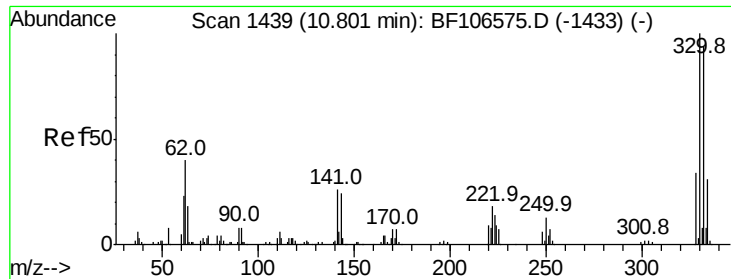


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

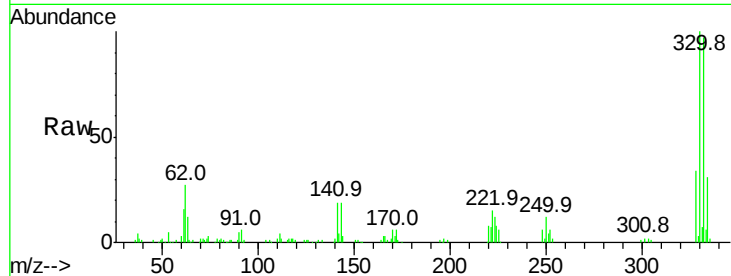




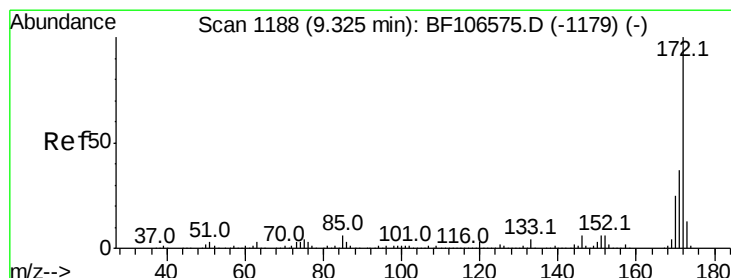
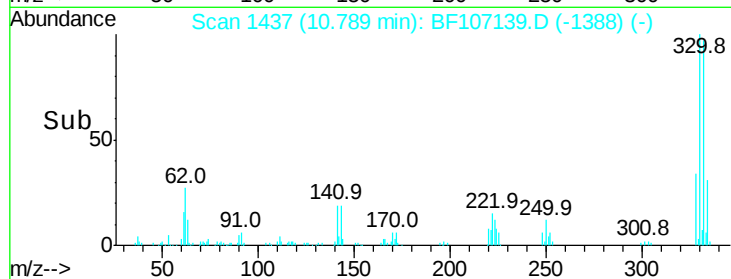
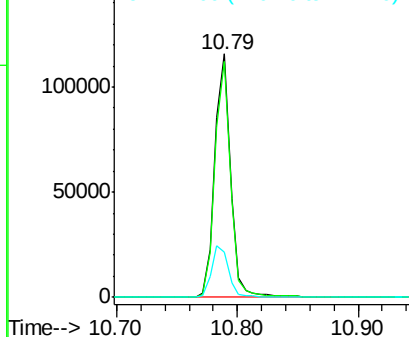
#41
 2,4,6-Tribromophenol
 Concen: 91.779 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107139.D
 Acq: 5 Jul 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 103740
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 23.2 29.9 44.9#

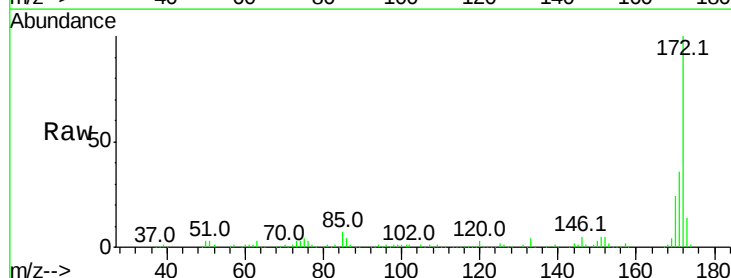


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

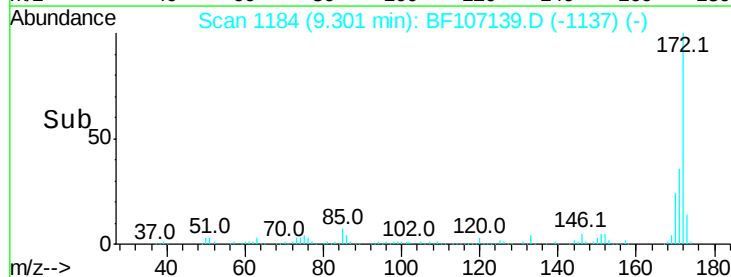
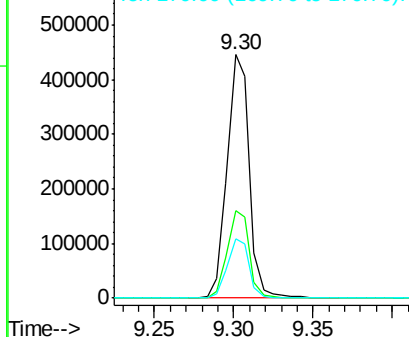


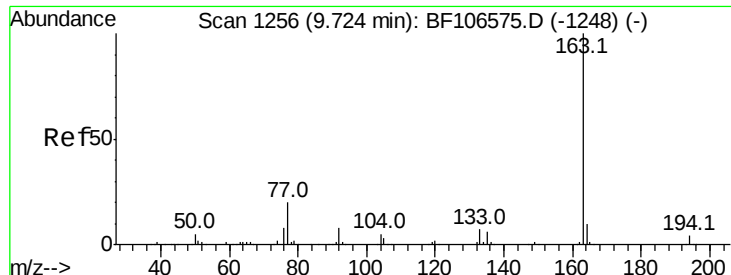
#44
 2-Fluorobiphenyl
 Concen: 72.725 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107139.D
 Acq: 5 Jul 2018 20:53

Tgt Ion:172 Resp: 431295
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 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

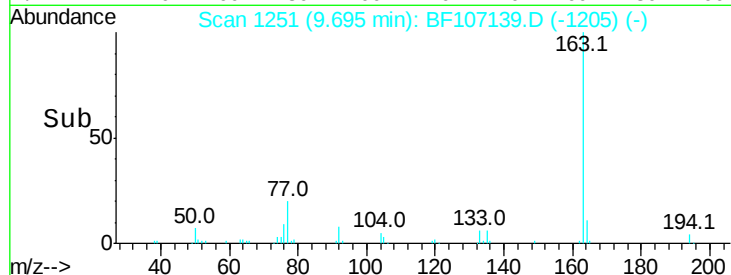
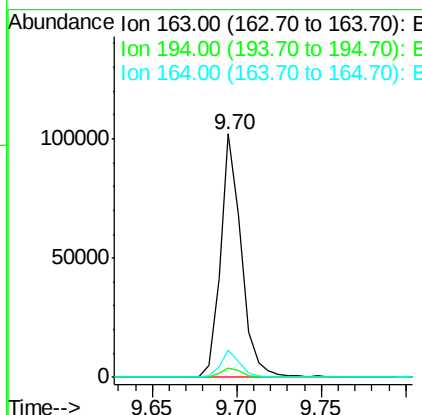
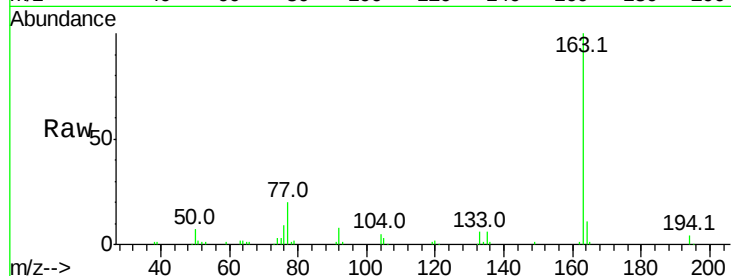




#49
Dimethylphthalate
Concen: 11.970 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107139.D
Acq: 5 Jul 2018 20:53

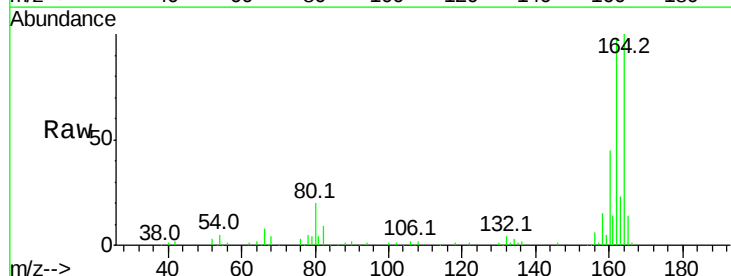
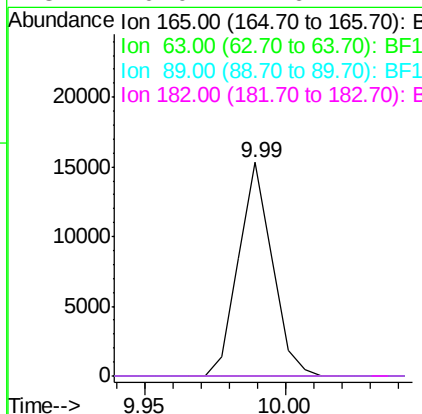
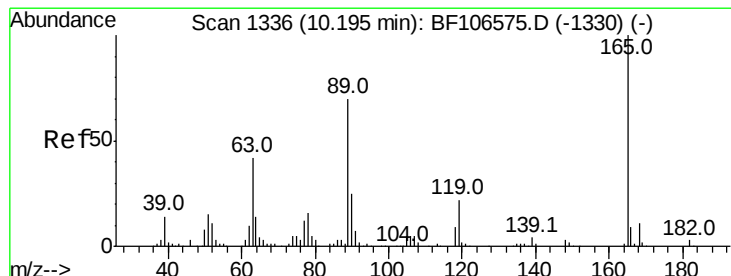
Instrument :
BNA_F
ClientSampleId :

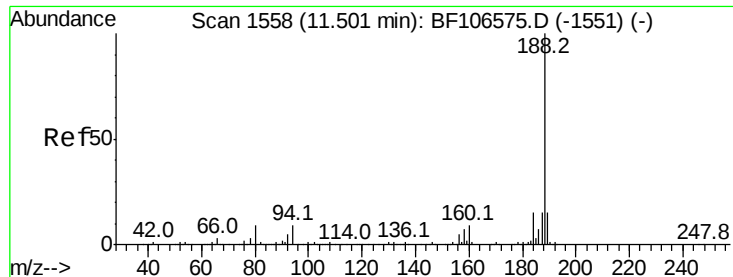
Tot Ion:163 Resp: 87550
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.0 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.259 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107139.D
Acq: 5 Jul 2018 20:53

Tgt Ion:165 Resp: 12653
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#

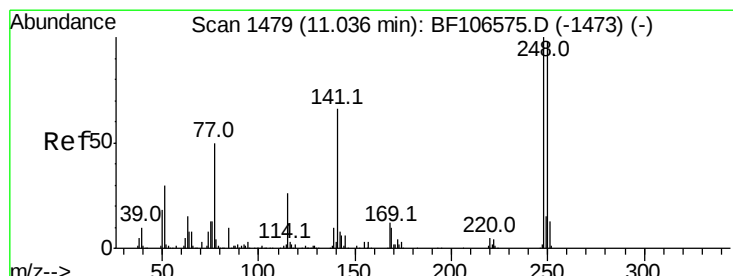
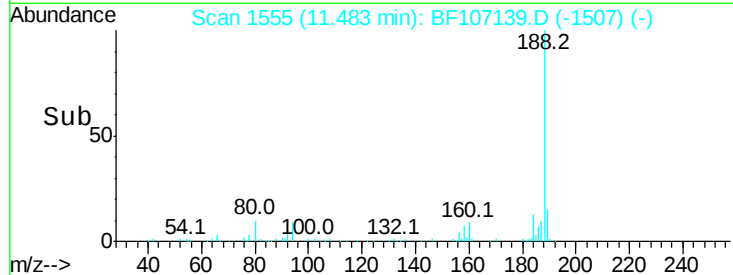
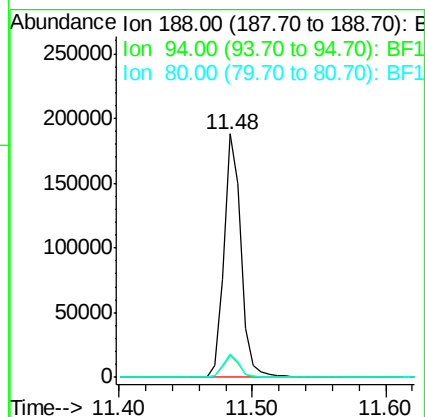
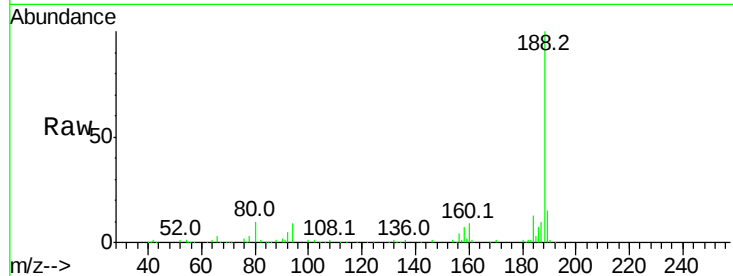




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107139.D
 Acq: 5 Jul 2018 20:53

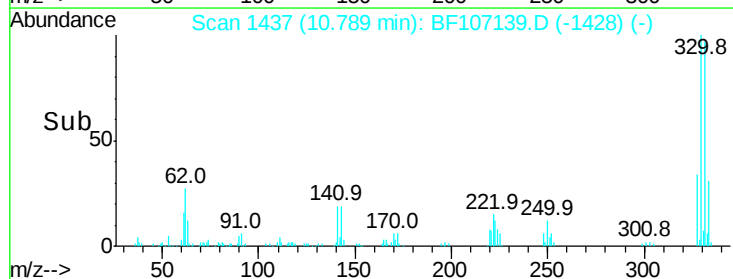
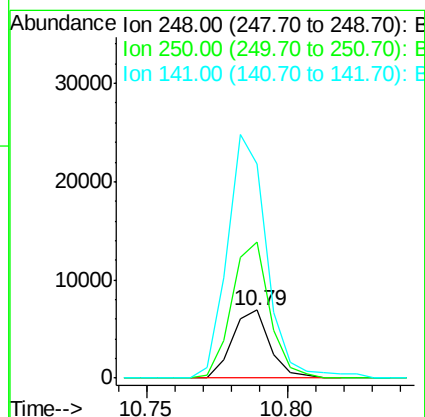
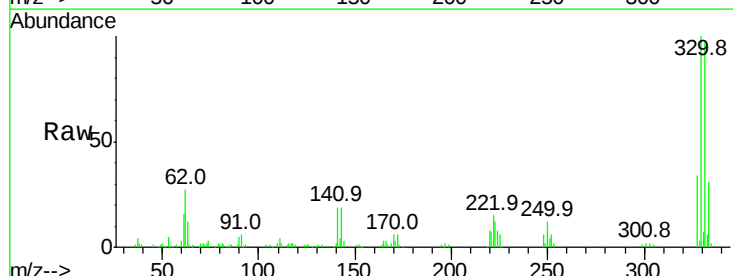
Instrument :
 BNA_F
 ClientSampleId :

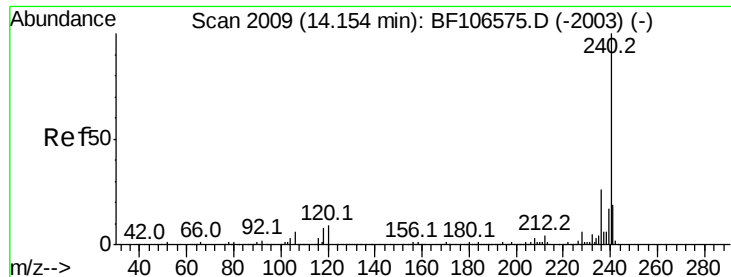
Tot Ion:188 Resp: 170059
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 9.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.168 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107139.D
 Acq: 5 Jul 2018 20:53

Tgt Ion:248 Resp: 6429
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.9 115.3#
 141 315.2 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: BF107139.D

Acq: 5 Jul 2018 20:53

Instrument :

BNA_F

ClientSampleId :

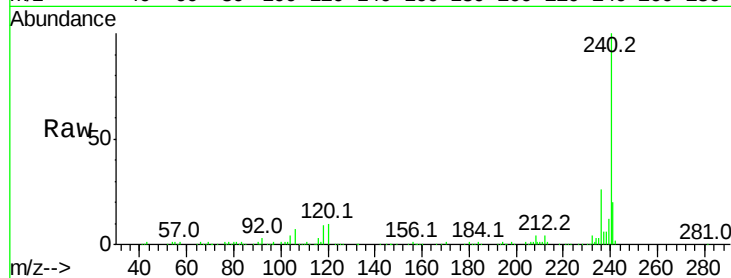
Tot Ion:240 Resp: 166117

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

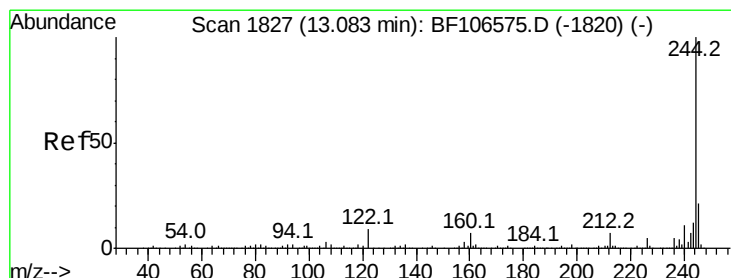
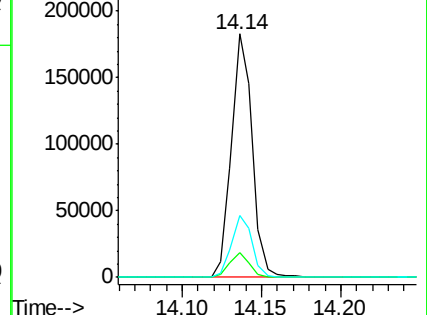
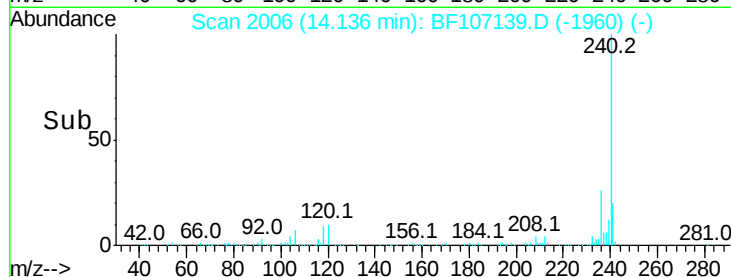
236 25.5 20.7 31.1



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: 62.968 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107139.D

Acq: 5 Jul 2018 20:53

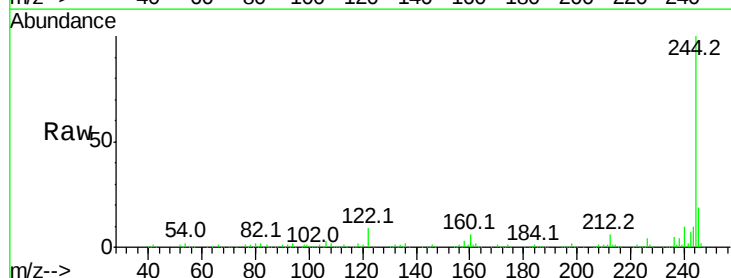
Tgt Ion:244 Resp: 431821

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

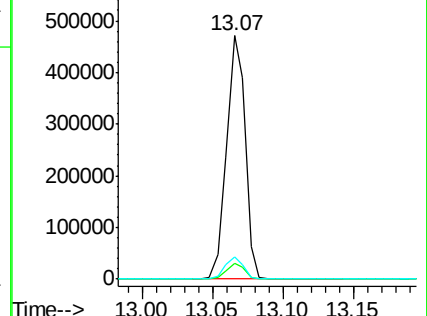
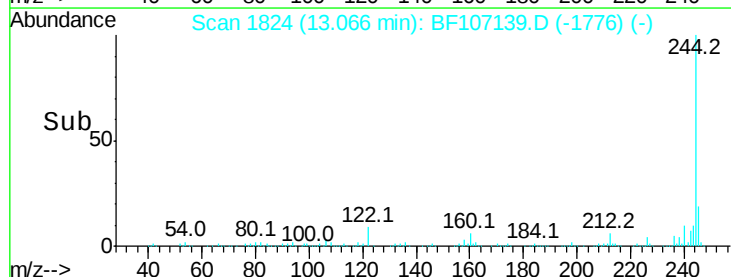
122 9.2 11.0 16.4#

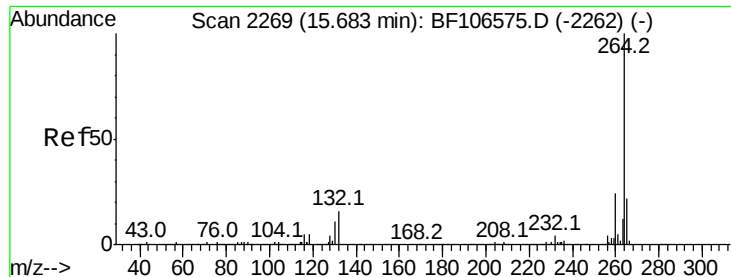


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107139.D
Acq: 5 Jul 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3

