

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107103.D
 Acq On : 4 Jul 2018 1:43
 Operator : JU/SJ
 Sample : J3812-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 02:08:20 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

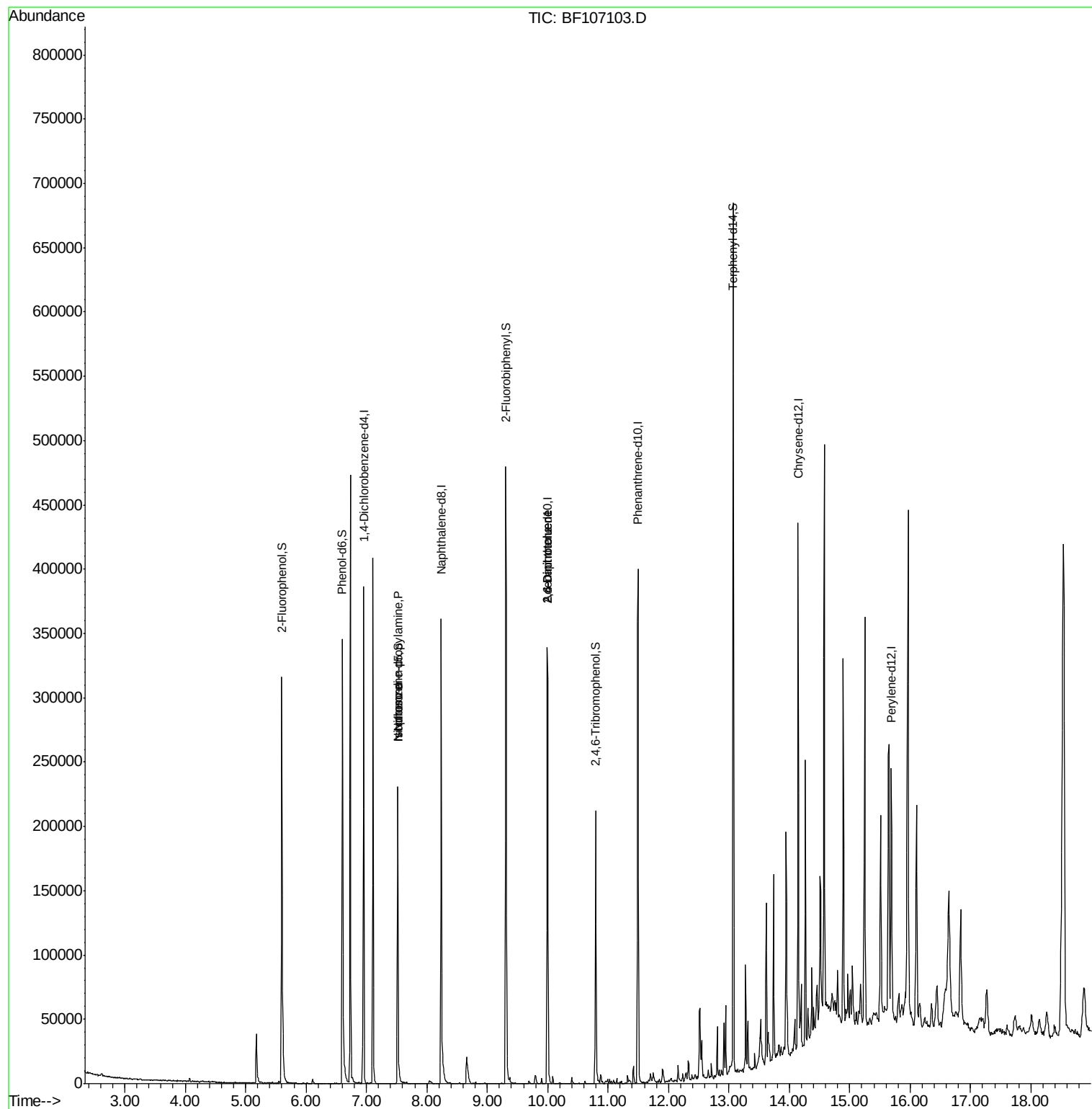
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53458	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	188351	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	81029	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	168191	20.00	ng	0.00
75) Chrysene-d12	14.15	240	142115	20.00	ng	-0.02
86) Perylene-d12	15.69	264	101009	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114732	36.34	ng	0.00
7) Phenol-d6	6.60	99	143991	36.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	82746	24.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	31735	33.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	176610	26.79	ng	-0.02
78) Terphenyl-d14	13.07	244	236067	40.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	10469	4.028	ng	# 72
25) Isophorone	7.52	82	82744	13.855	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	10120	7.864	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10120	6.025	ng	# 21

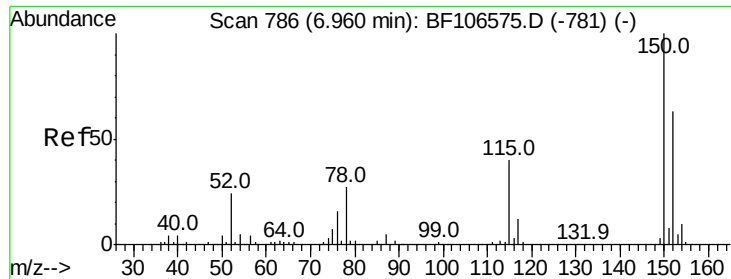
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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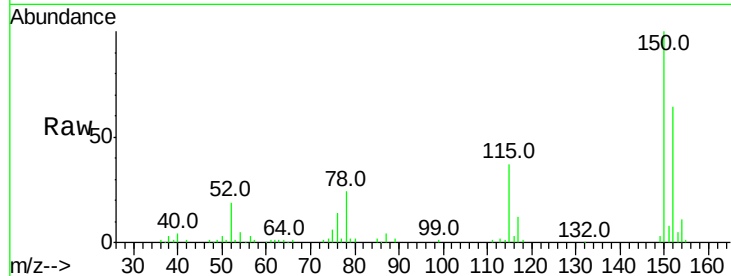


#1

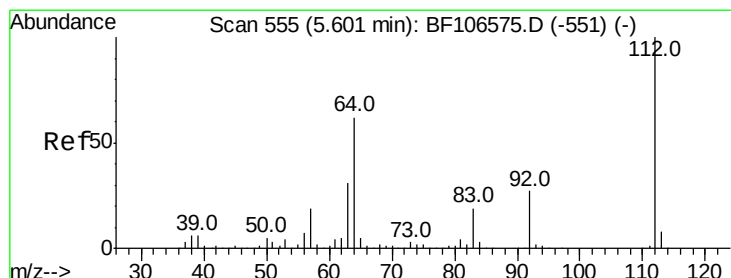
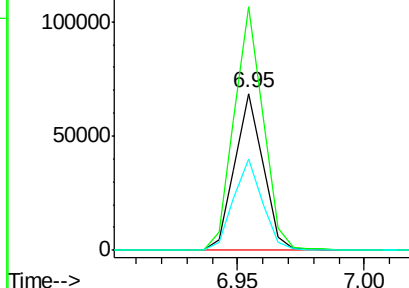
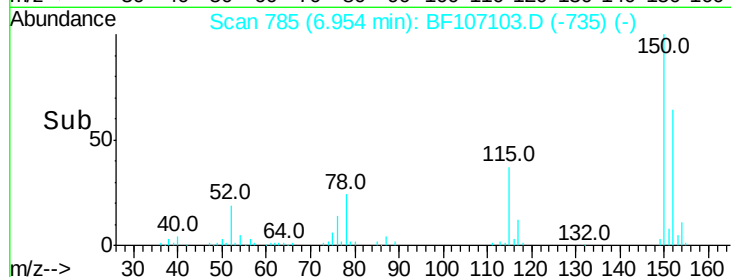
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53458
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.9 50.1 75.1



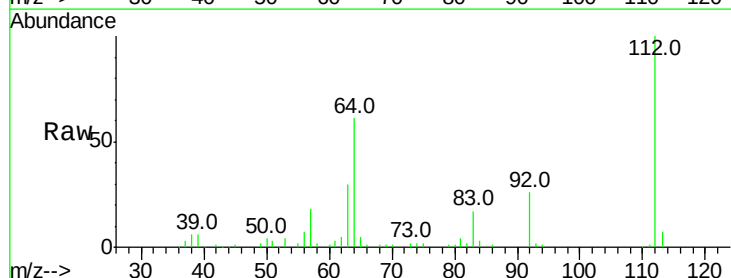
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



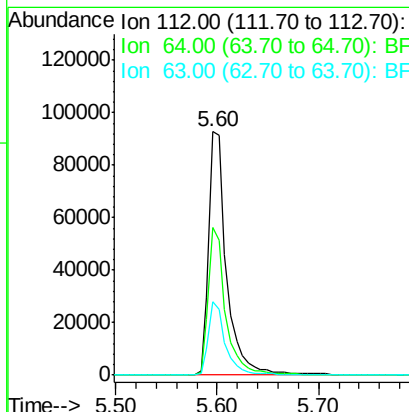
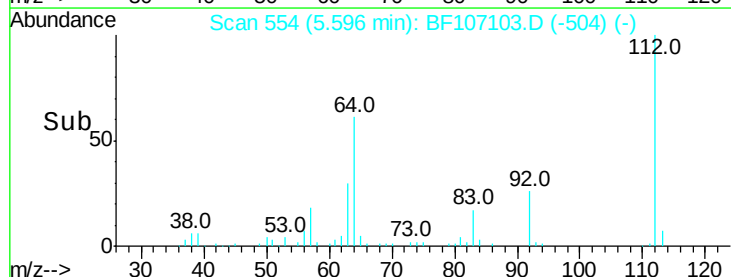
#5

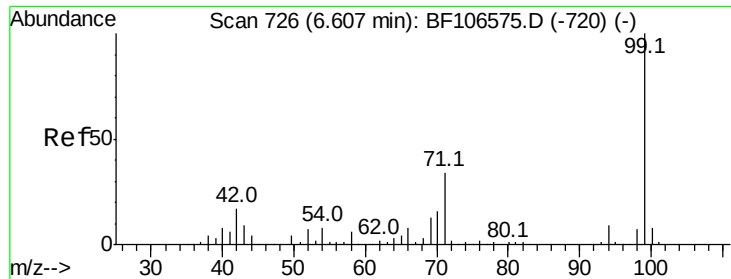
2-Fluorophenol
Concen: 36.342 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:112 Resp: 114732
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.0 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: 36.523 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107103.D

Acq: 4 Jul 2018 1:43

Instrument :

BNA_F

ClientSampleId :

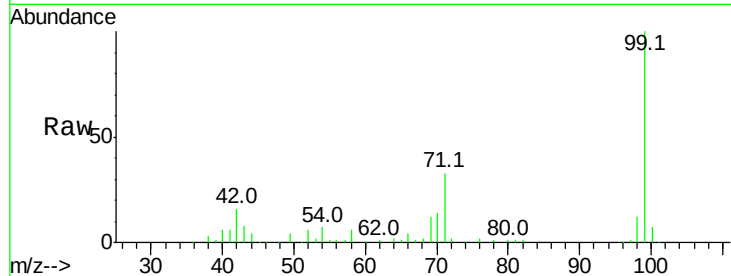
Tot Ion: 99 Resp: 143991

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

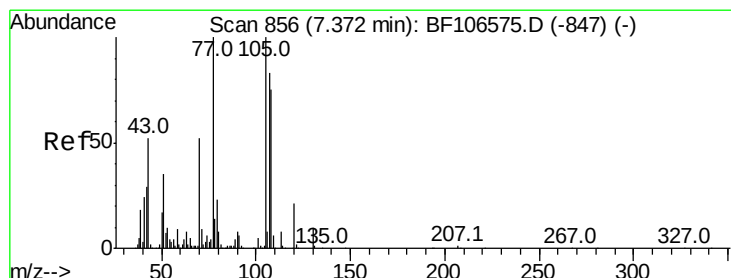
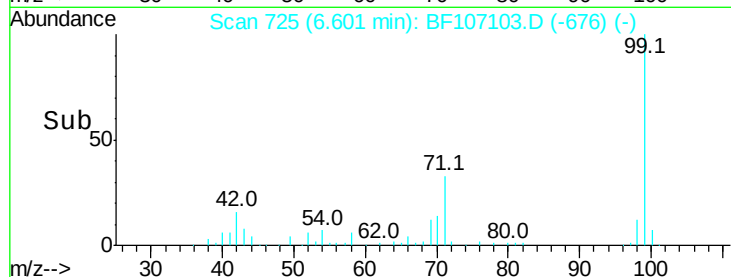
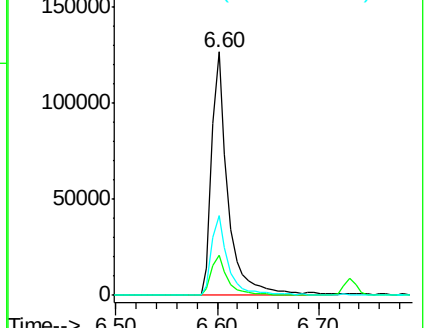
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.028 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107103.D

Acq: 4 Jul 2018 1:43

Tgt Ion: 70 Resp: 10469

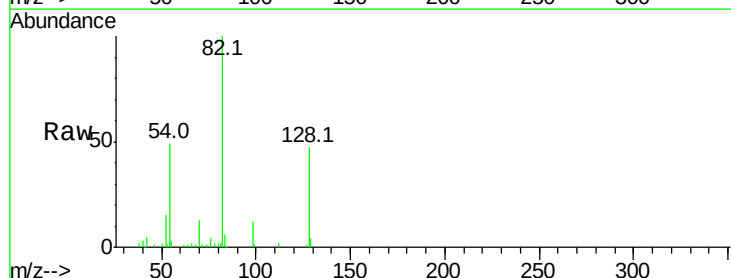
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

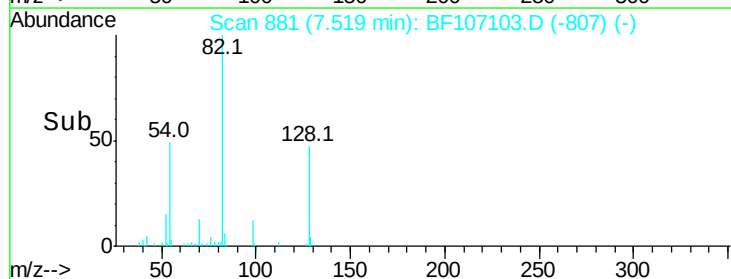
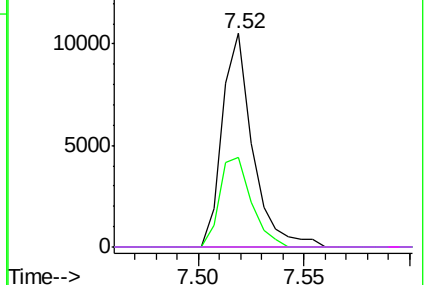


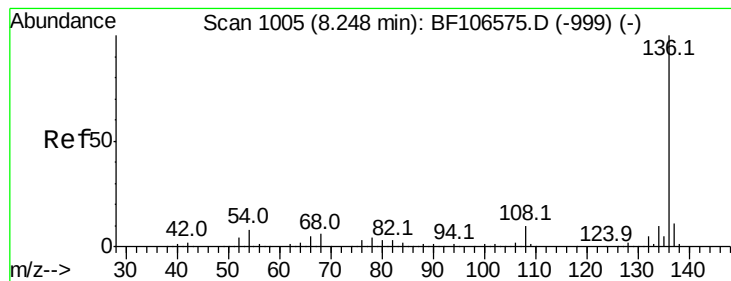
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107103.D

Acq: 4 Jul 2018 1:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 188351

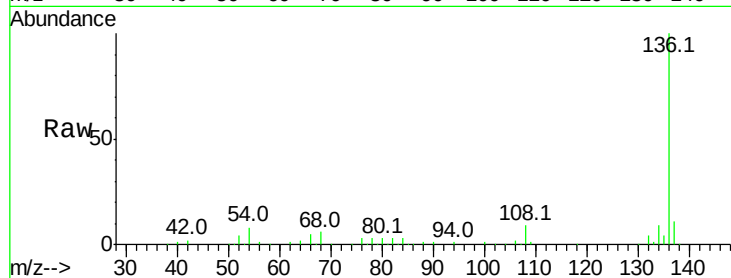
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 6.4 5.0 7.4

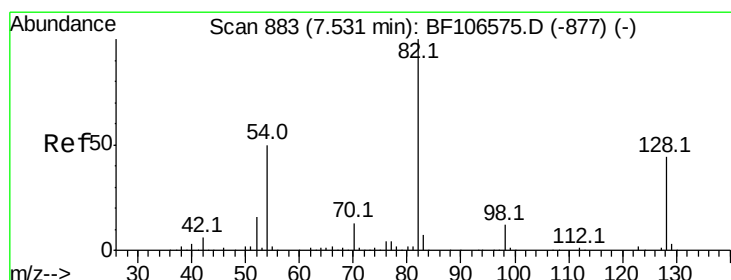
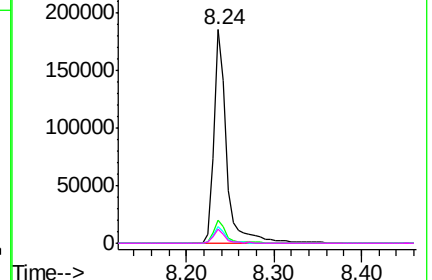
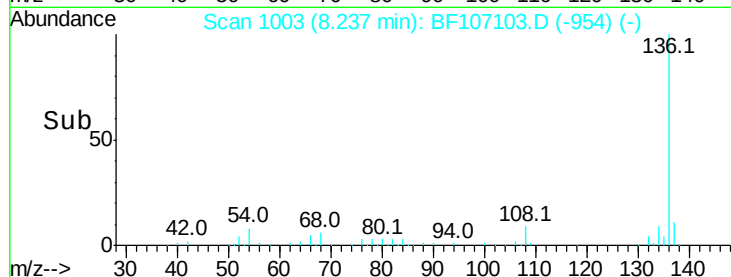


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.414 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107103.D

Acq: 4 Jul 2018 1:43

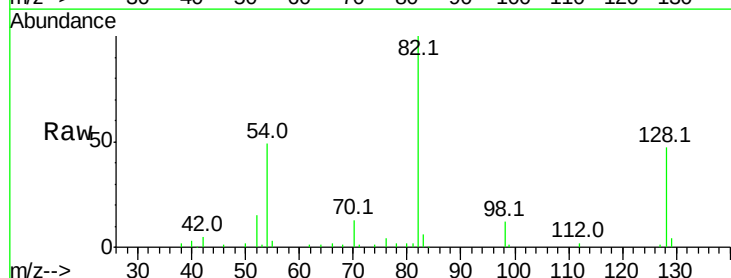
Tgt Ion: 82 Resp: 82746

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

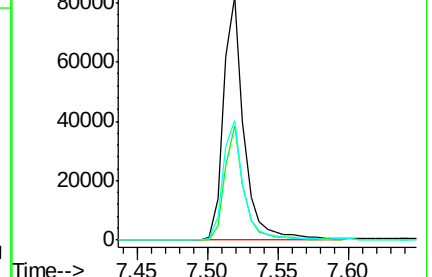
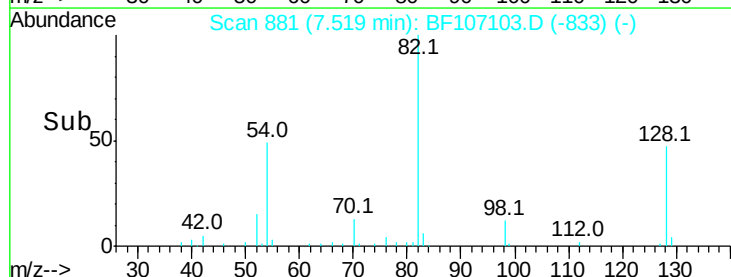
54 49.0 41.4 62.2

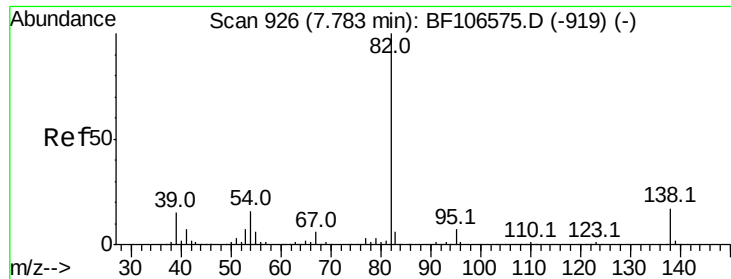


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 13.855 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107103.D

Acq: 4 Jul 2018 1:43

Instrument :

BNA_F

ClientSampleId :

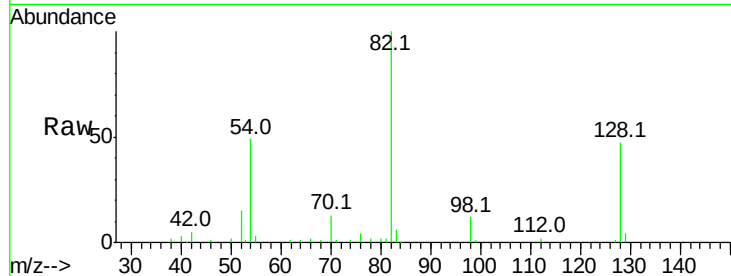
Tot Ion: 82 Resp: 82744

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

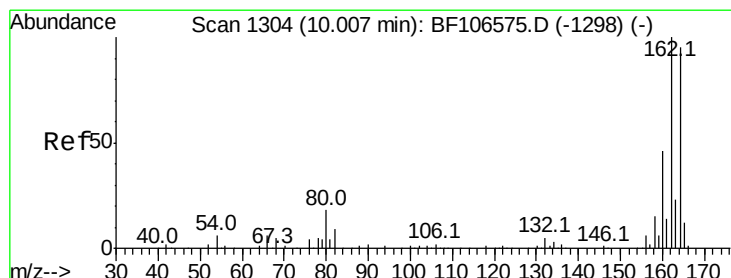
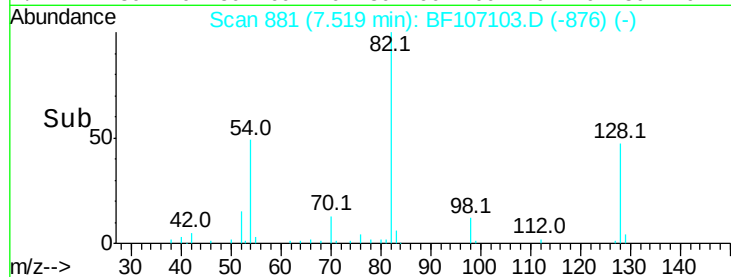
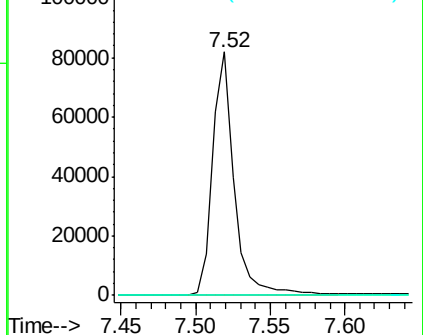
138 0.0 14.9 22.3#



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: BF107103.D

Acq: 4 Jul 2018 1:43

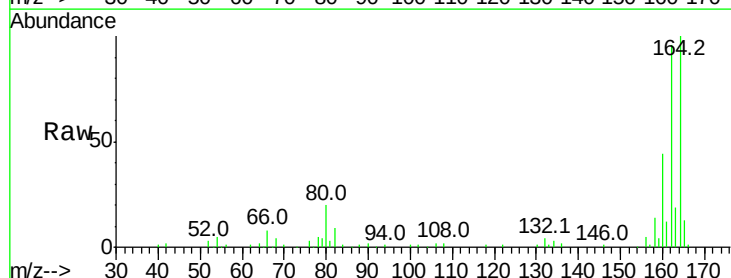
Tgt Ion:164 Resp: 81029

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

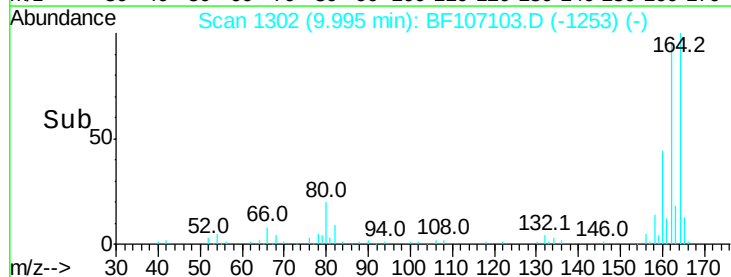
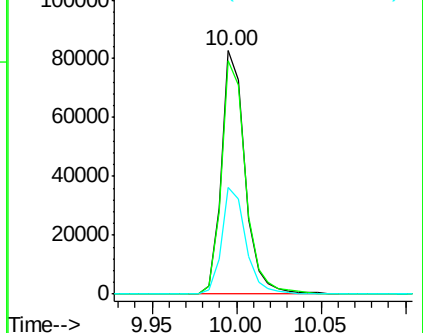
160 43.7 38.3 57.5

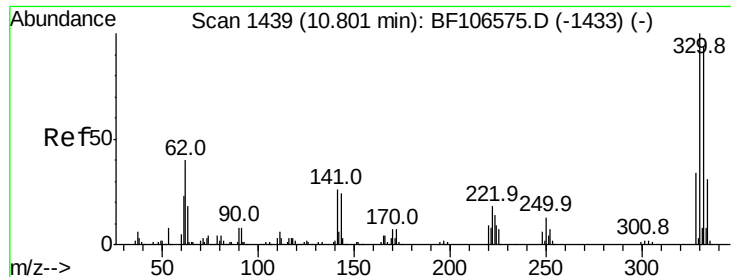


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

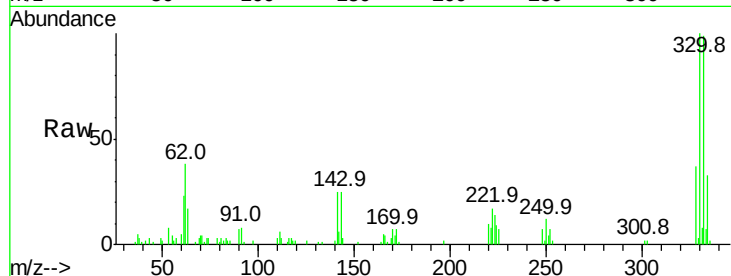




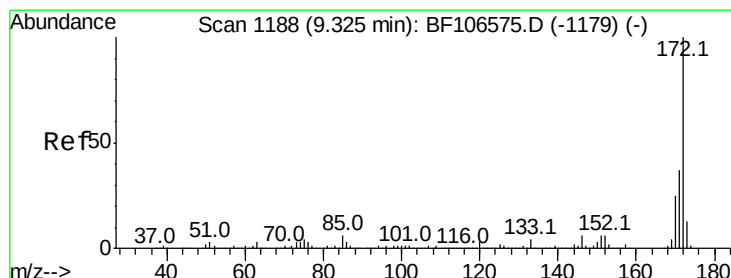
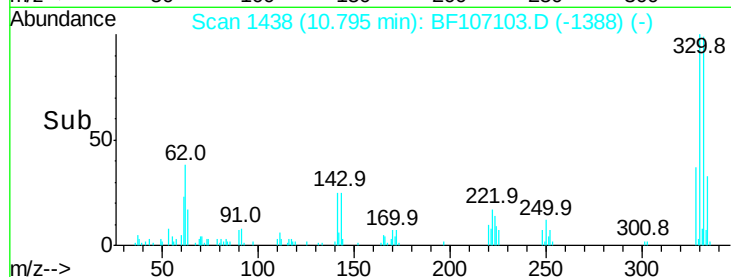
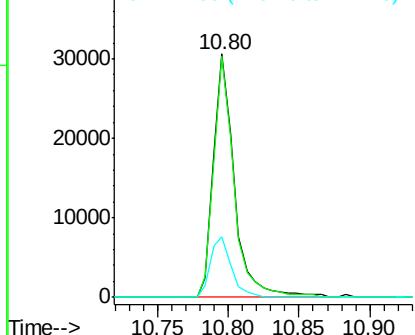
#41
 2,4,6-Tribromophenol
 Concen: 33.791 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 31735
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 24.7 29.9 44.9#

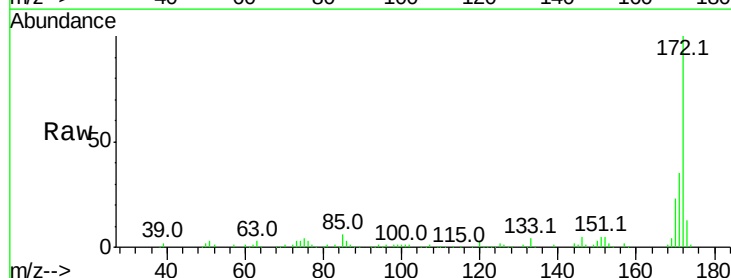


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

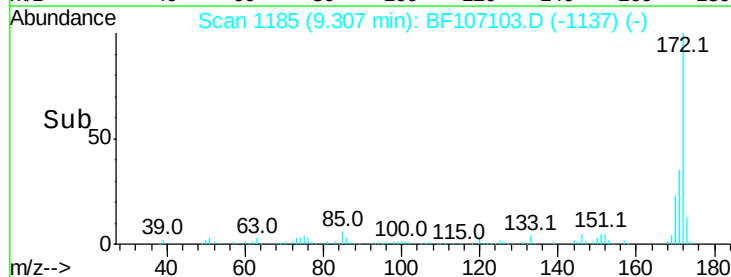
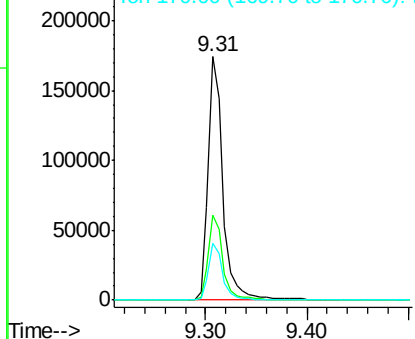


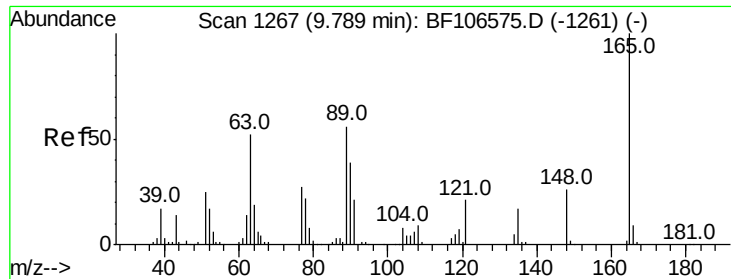
#44
 2-Fluorobiphenyl
 Concen: 26.790 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

Tgt Ion:172 Resp: 176610
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 23.1 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

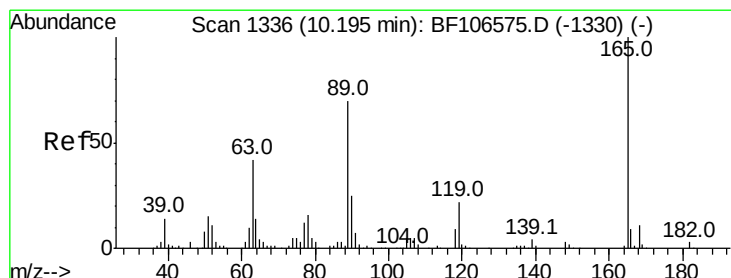
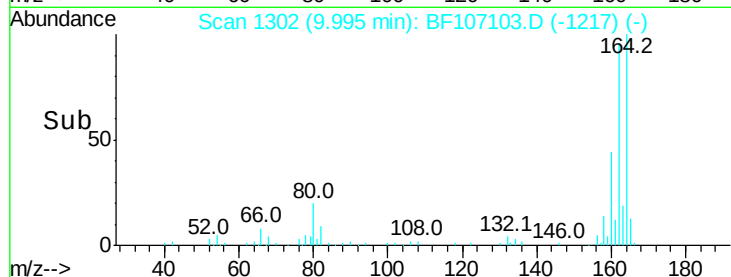
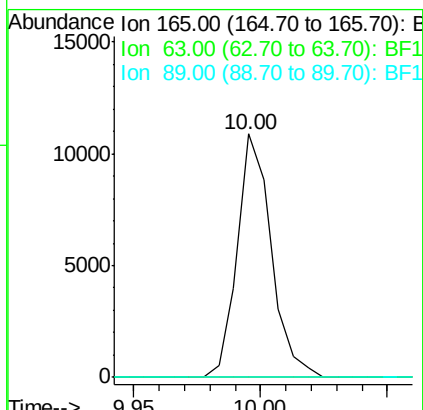
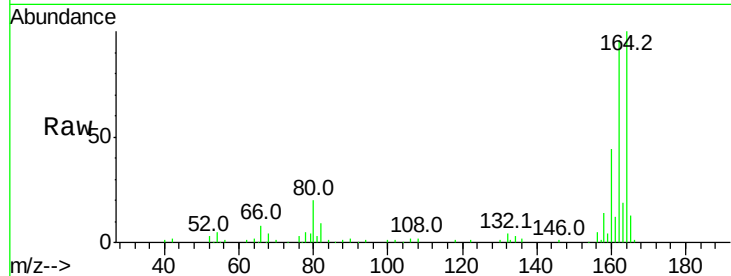




#50
 2,6-Dinitrotoluene
 Concen: 7.864 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

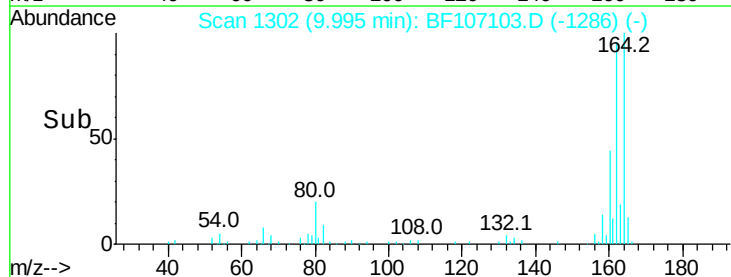
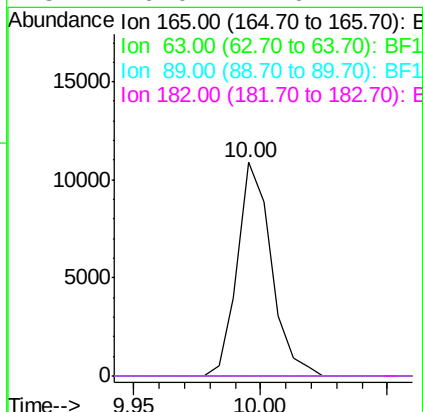
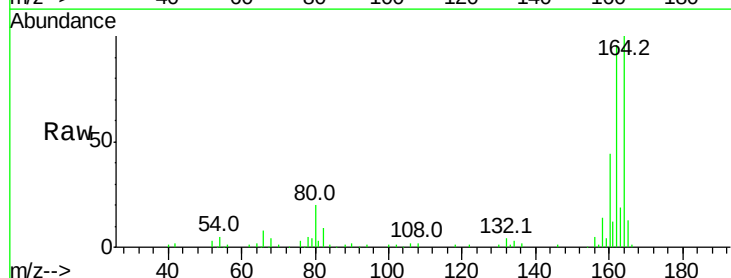
Instrument :
 BNA_F
 ClientSampleId :

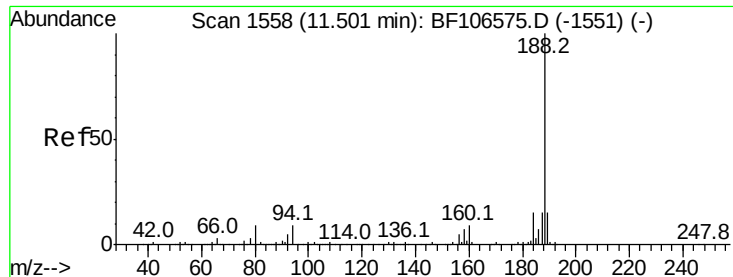
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.025 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

Tgt 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#

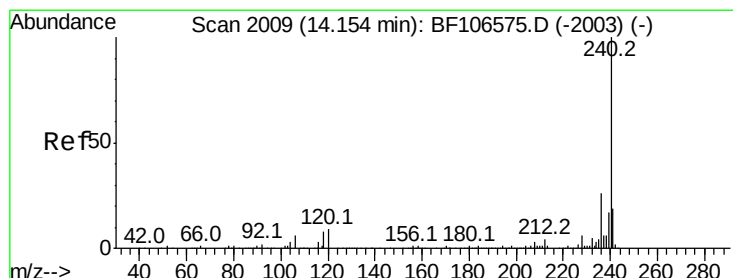
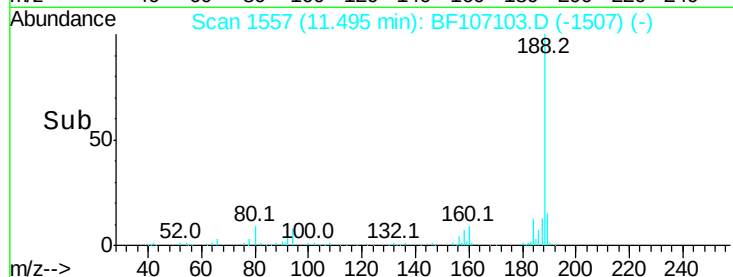
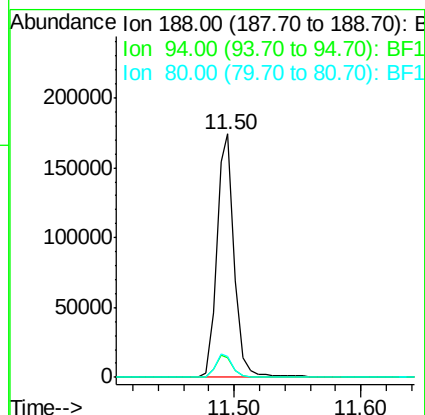
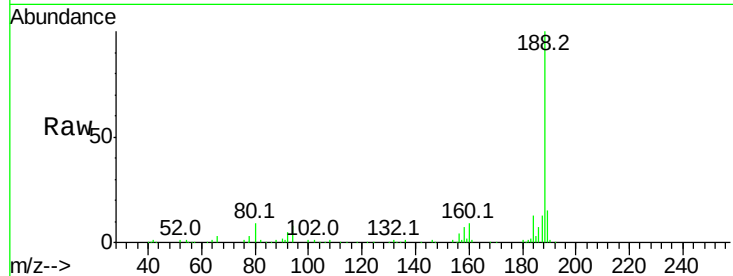




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

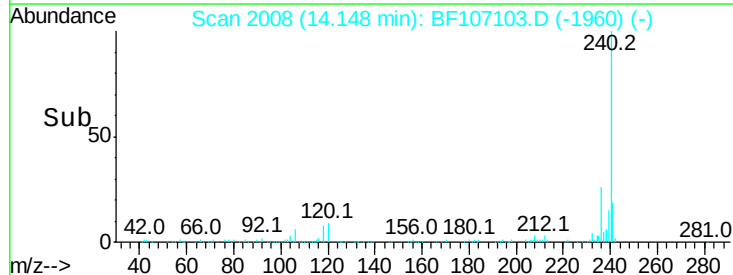
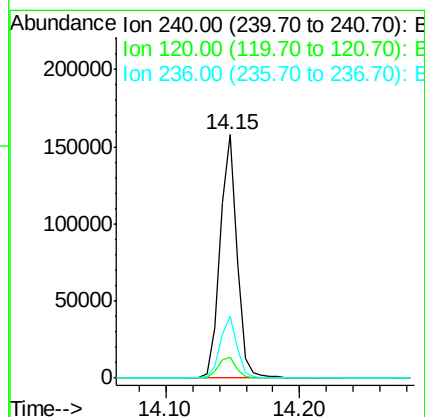
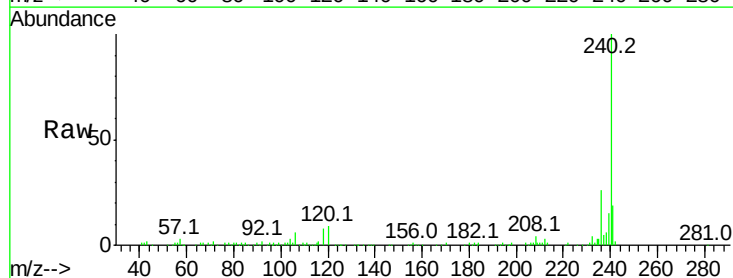
Instrument :
BNA_F
ClientSampleId :

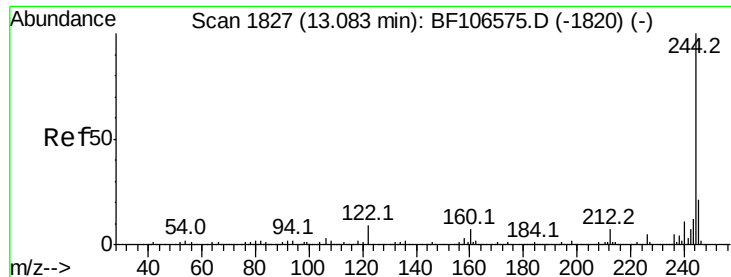
Tot Ion:188 Resp: 168191
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107103.D
Acq: 4 Jul 2018 1:43

Tgt Ion:240 Resp: 142115
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 25.6 20.7 31.1

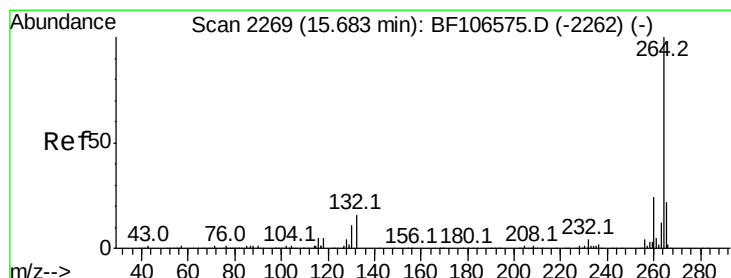
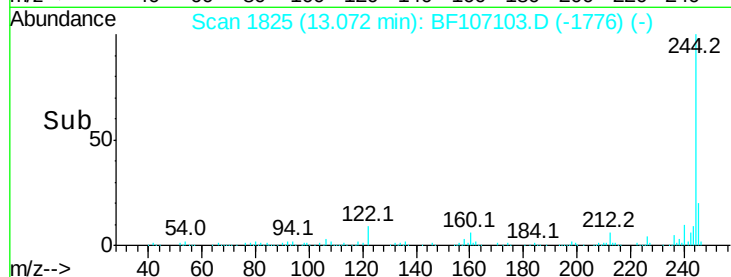
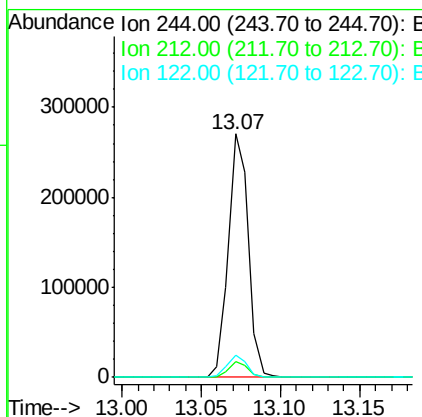
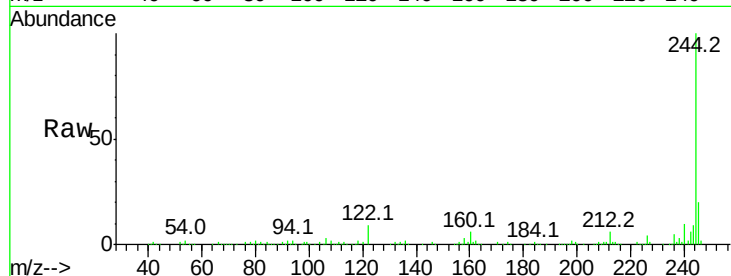




#78
 Terphenyl-d14
 Concen: 40.237 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 236067
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107103.D
 Acq: 4 Jul 2018 1:43

Tgt Ion:264 Resp: 101009
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3

