

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107151.D
 Acq On : 6 Jul 2018 4:37
 Operator : JU/SJ
 Sample : J3805-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 05:34:51 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

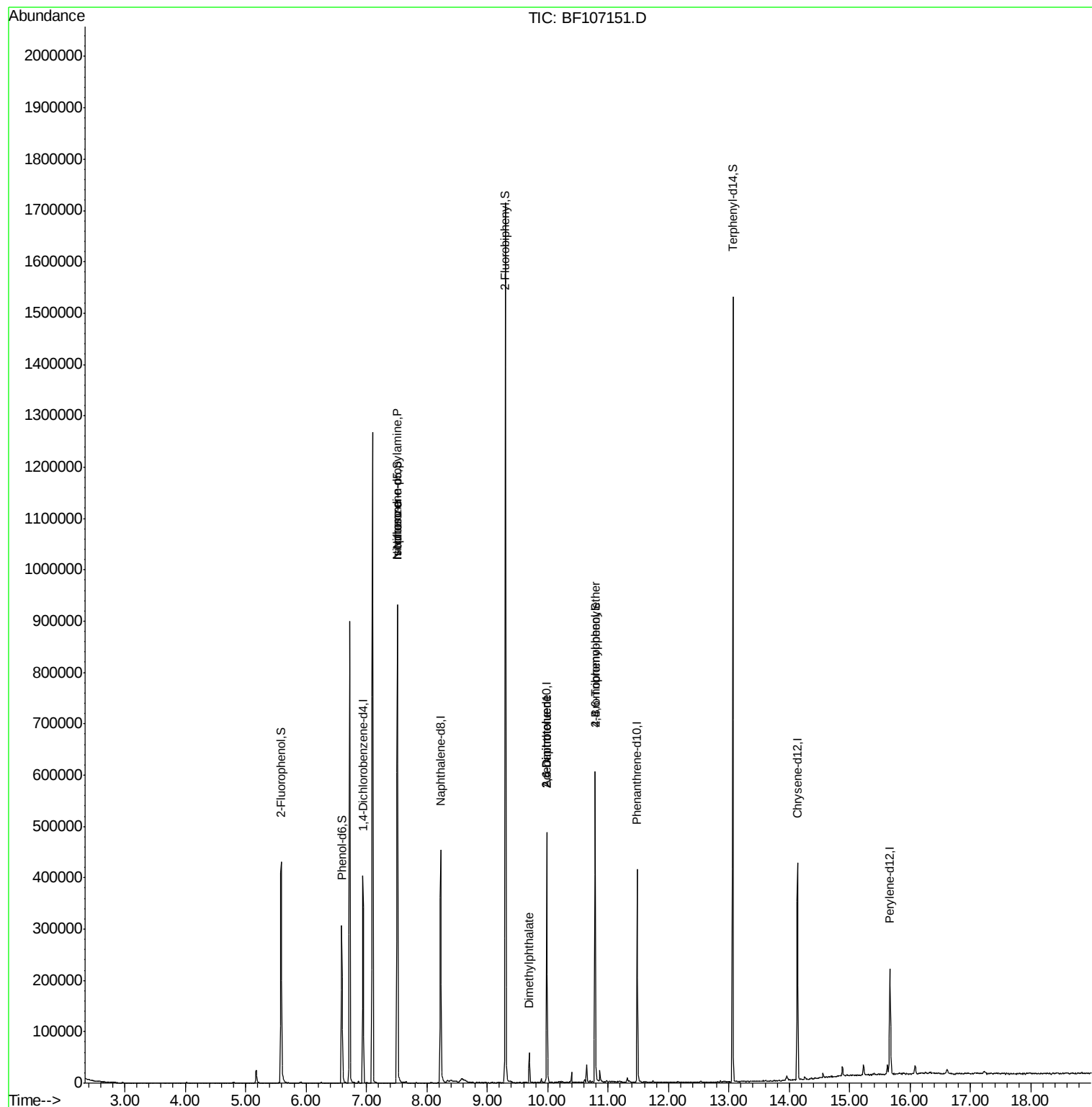
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62441	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	227809	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	103320	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	168165	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	160632	20.00	ng	-0.03
86) Perylene-d12	15.67	264	111743	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	143984	39.05	ng	-0.01
7) Phenol-d6	6.59	99	116981	25.40	ng	-0.02
23) Nitrobenzene-d5	7.51	82	335038	81.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	87446	73.02	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	596935	100.48	ng	-0.02
78) Terphenyl-d14	13.07	244	550838	83.07	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	42921	14.140	ng	# 75
25) Isophorone	7.51	82	335071	46.387	ng	# 64
49) Dimethylphthalate	9.70	163	27382	3.534	ng	# 96
50) 2,6-Dinitrotoluene	9.99	165	13063	7.961	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	13063	6.099	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5470	2.726	ng	# 1

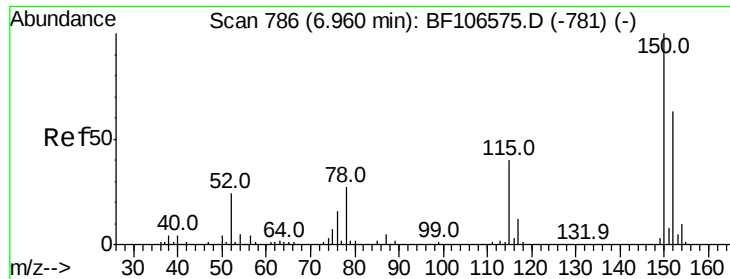
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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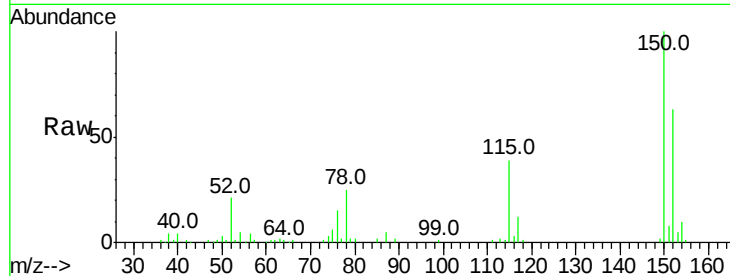


#1

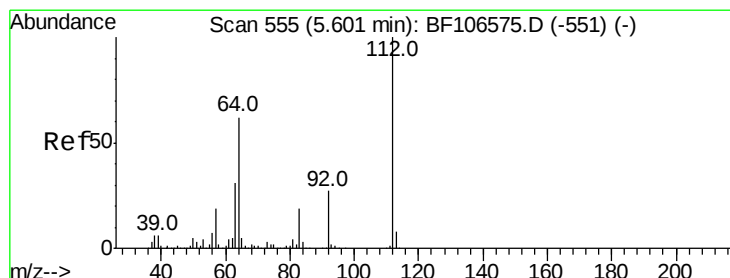
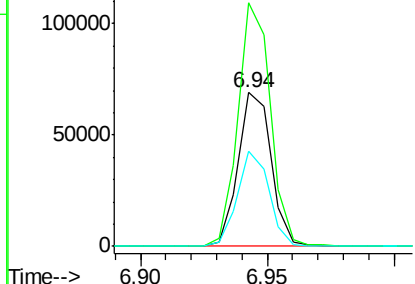
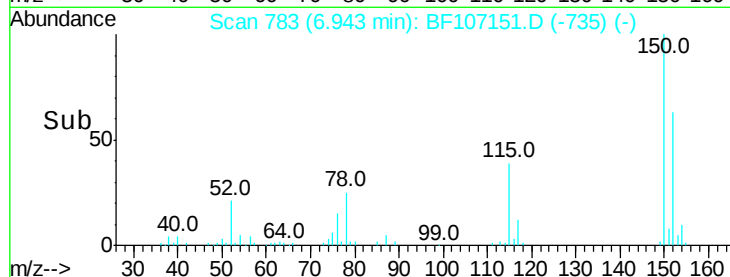
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 62441
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 62.0 50.1 75.1



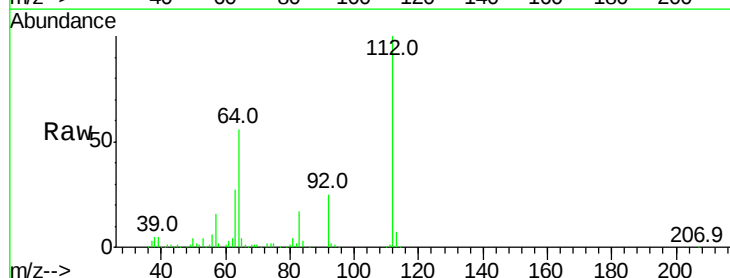
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



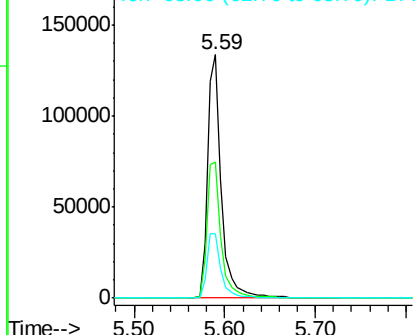
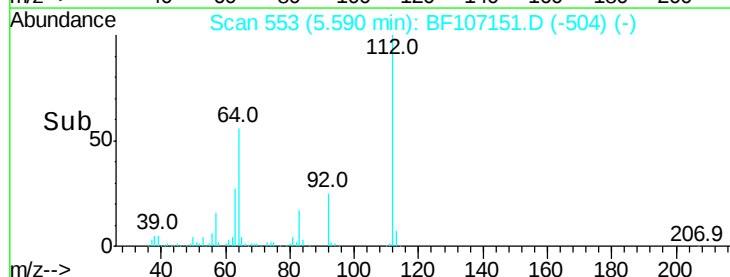
#5

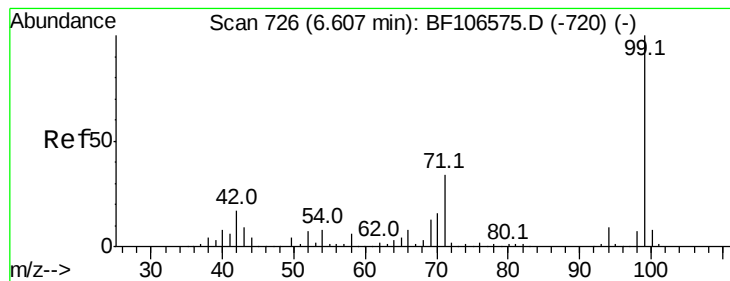
2-Fluorophenol
 Concen: 39.047 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Tgt Ion:112 Resp: 143984
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 26.6 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: 25.403 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107151.D

Acq: 6 Jul 2018 4:37

Instrument :

BNA_F

ClientSampleId :

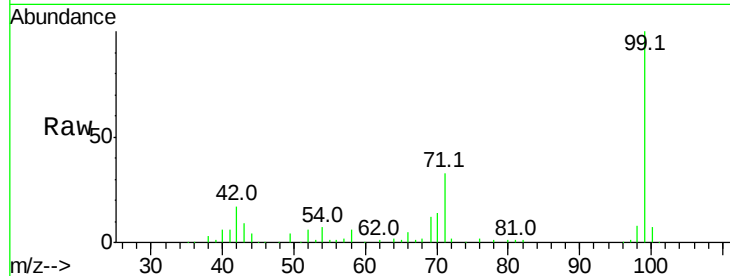
Tot Ion: 99 Resp: 116981

Ion Ratio Lower Upper

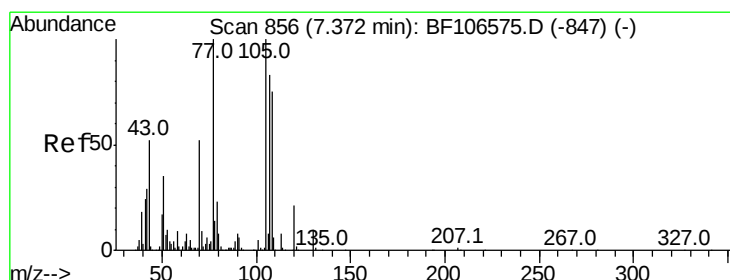
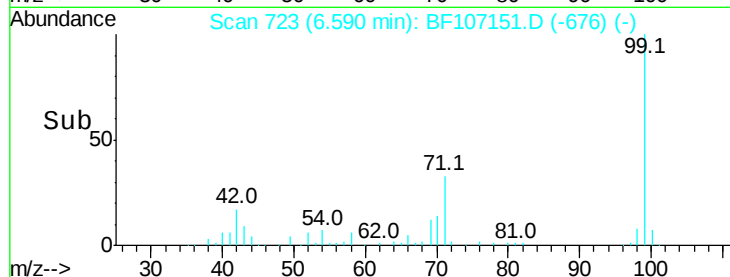
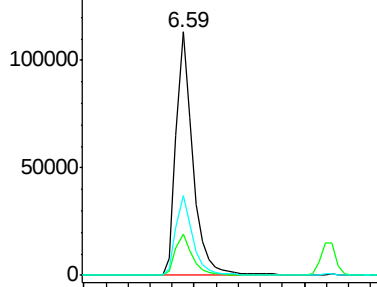
99 100

42 17.2 14.5 21.7

71 32.9 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: 14.140 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107151.D

Acq: 6 Jul 2018 4:37

Tgt Ion: 70 Resp: 42921

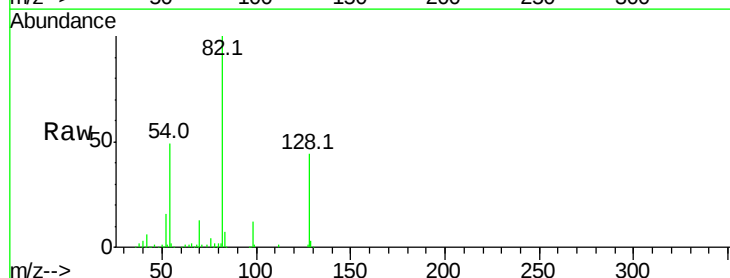
Ion Ratio Lower Upper

70 100

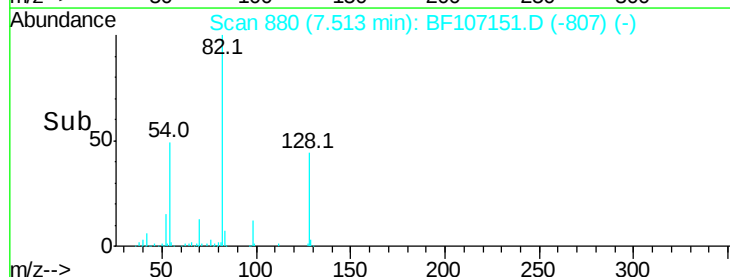
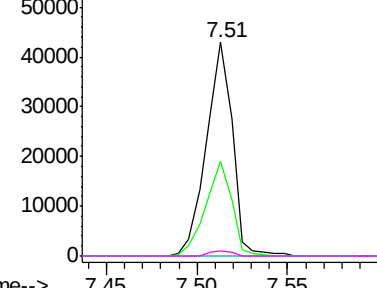
42 44.5 47.5 71.3#

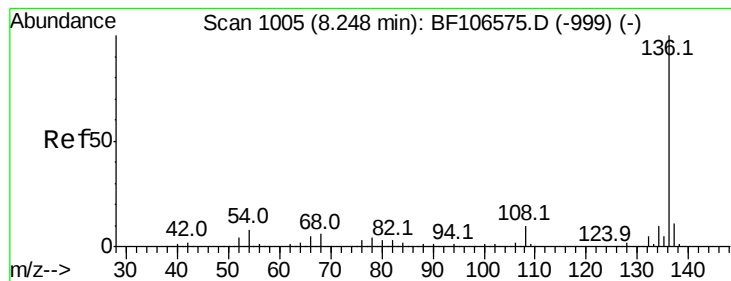
101 0.0 7.4 11.2#

130 2.3 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: BF107151.D

Acq: 6 Jul 2018 4:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 227809

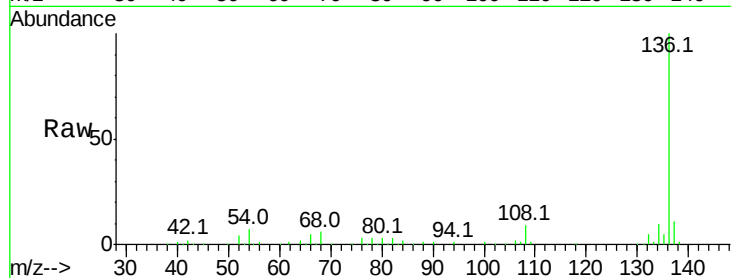
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

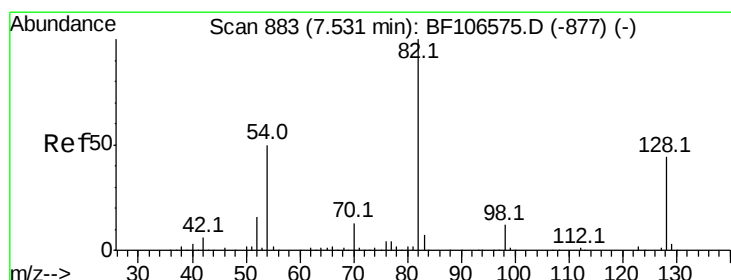
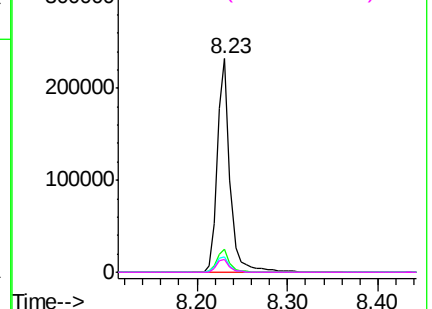
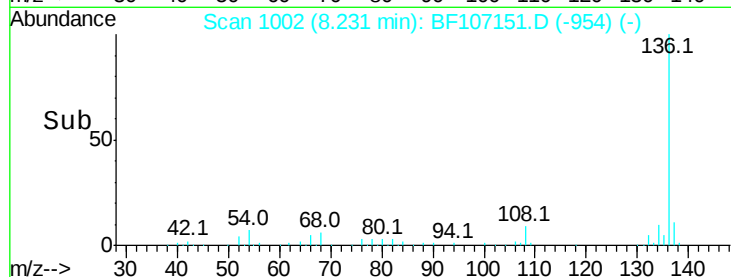


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.732 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107151.D

Acq: 6 Jul 2018 4:37

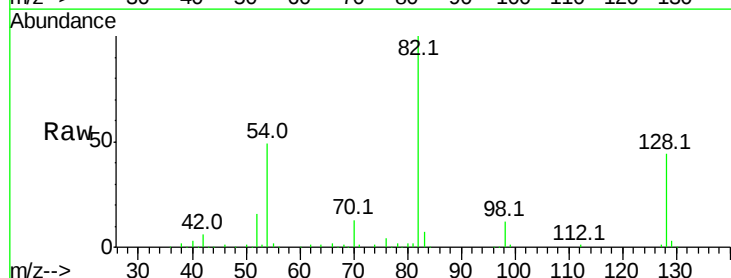
Tgt Ion: 82 Resp: 335038

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

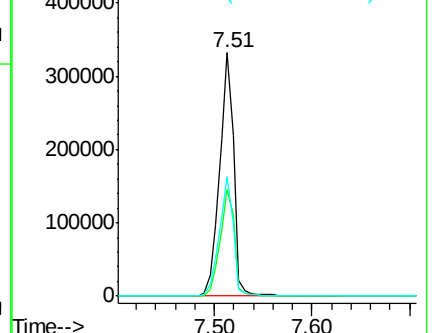
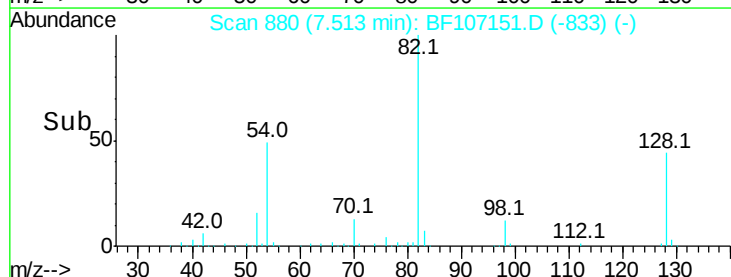
54 49.1 41.4 62.2

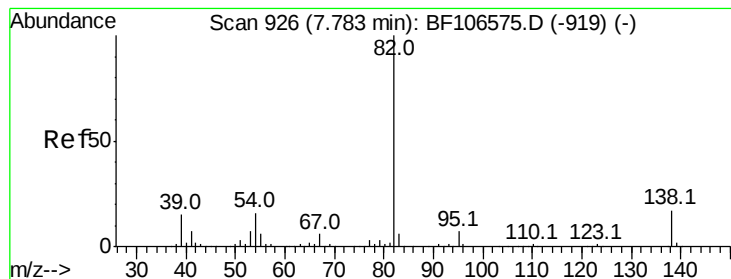


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.387 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107151.D

Acq: 6 Jul 2018 4:37

Instrument :

BNA_F

ClientSampled :

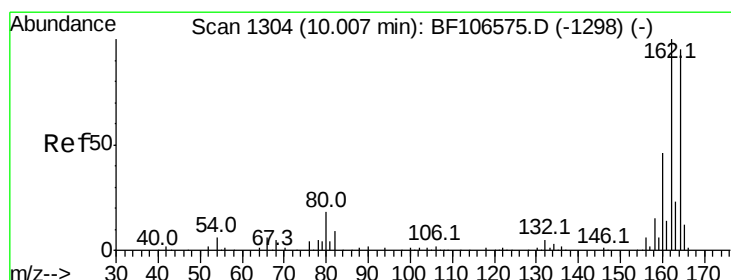
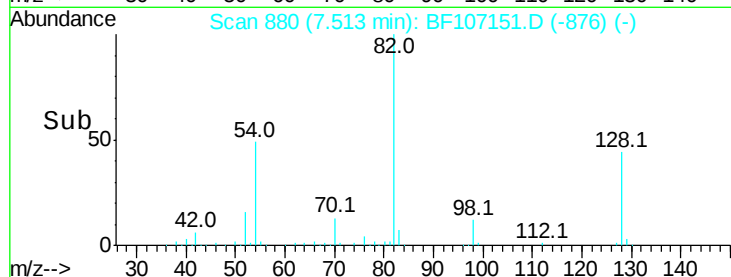
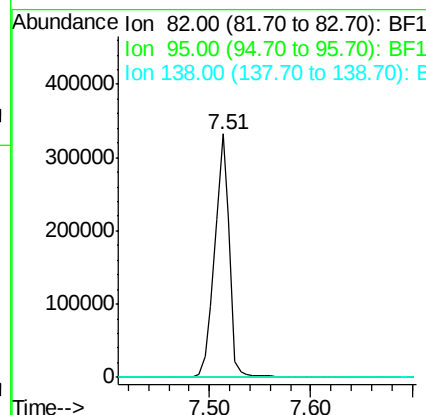
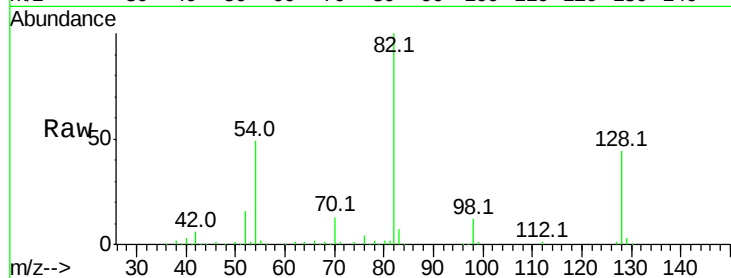
Tot Ion: 82 Resp: 335071

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: BF107151.D

Acq: 6 Jul 2018 4:37

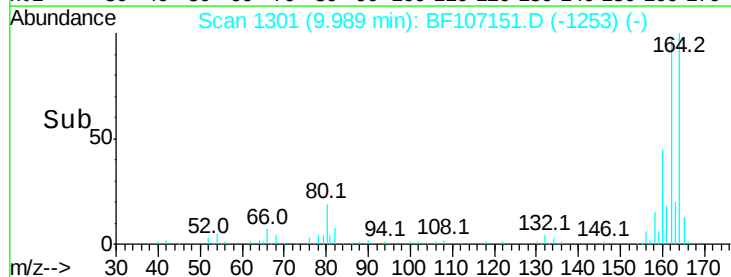
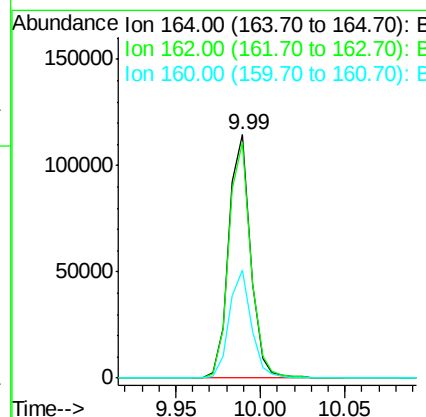
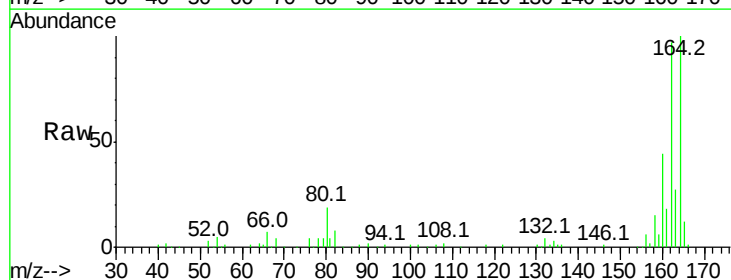
Tgt Ion:164 Resp: 103320

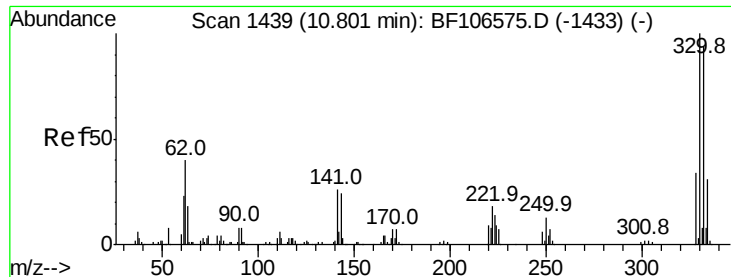
Ion Ratio Lower Upper

164 100

162 96.8 86.1 129.1

160 44.3 38.3 57.5

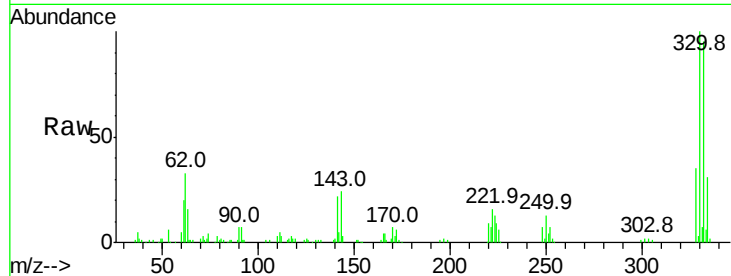




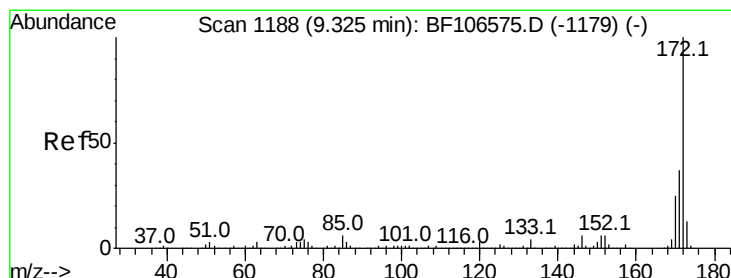
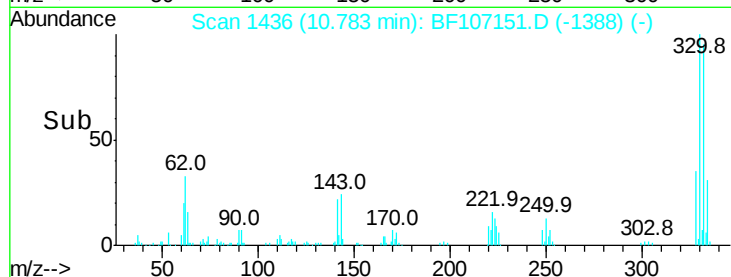
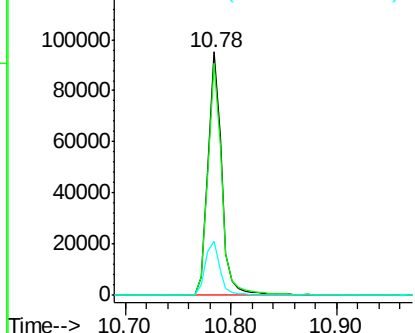
#41
 2,4,6-Tribromophenol
 Concen: 73.023 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 87446
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 23.4 29.9 44.9#

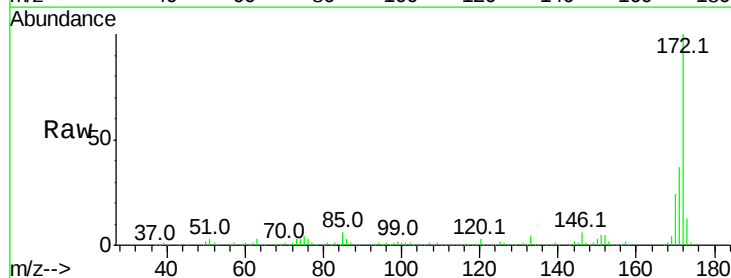


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

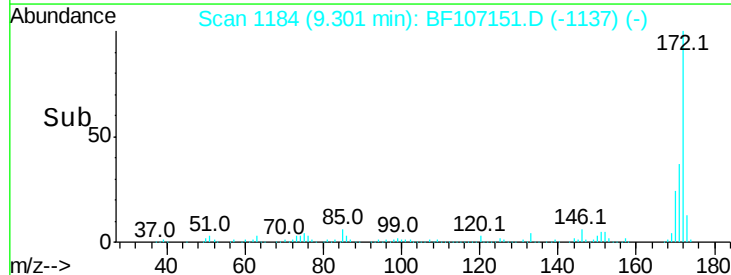
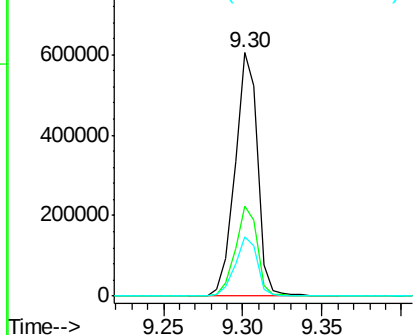


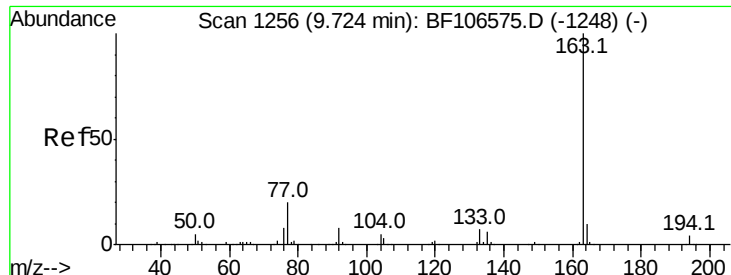
#44
 2-Fluorobiphenyl
 Concen: 100.478 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Tgt Ion:172 Resp: 596935
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.2 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

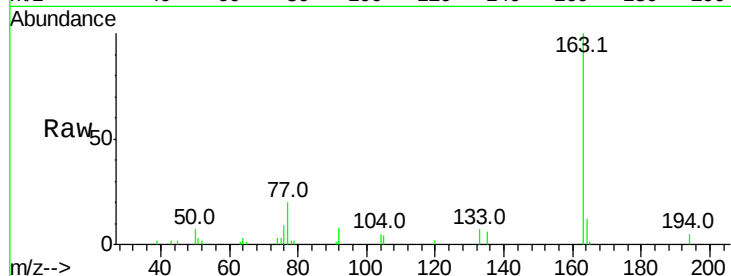




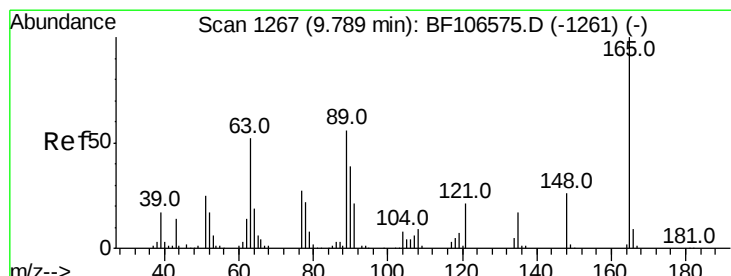
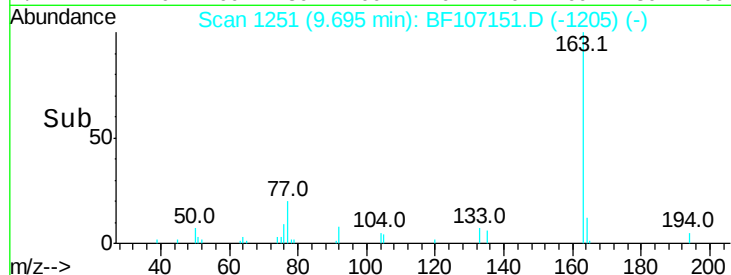
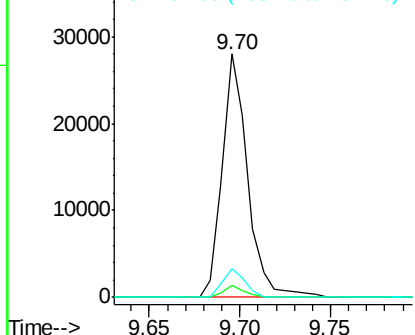
#49
Dimethylphthalate
Concen: 3.534 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107151.D
Acq: 6 Jul 2018 4:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 27382
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 11.6 8.2 12.2

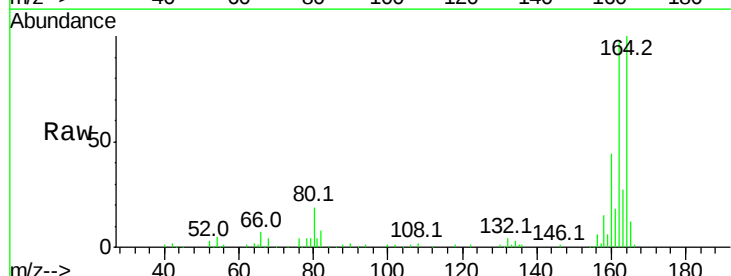


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

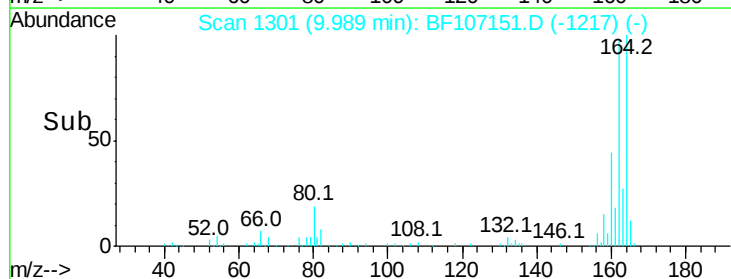
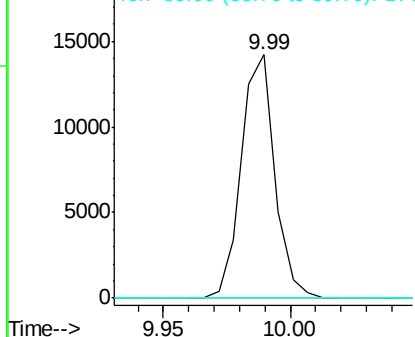


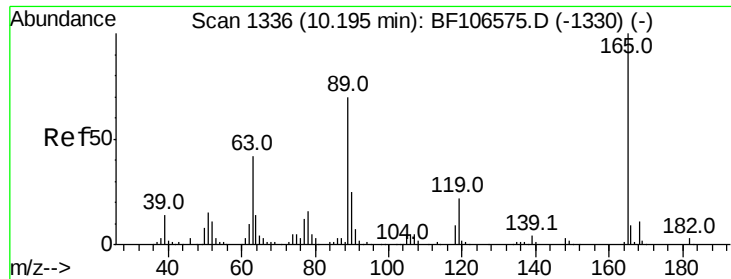
#50
2,6-Dinitrotoluene
Concen: 7.961 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107151.D
Acq: 6 Jul 2018 4:37

Tgt Ion:165 Resp: 13063
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

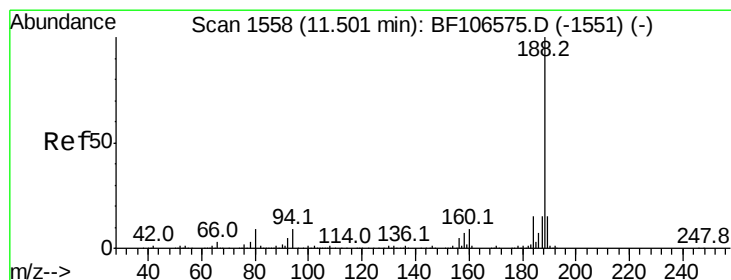
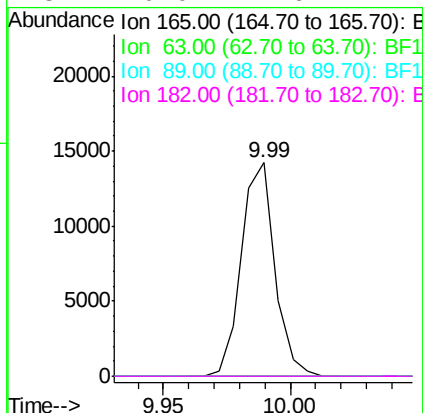
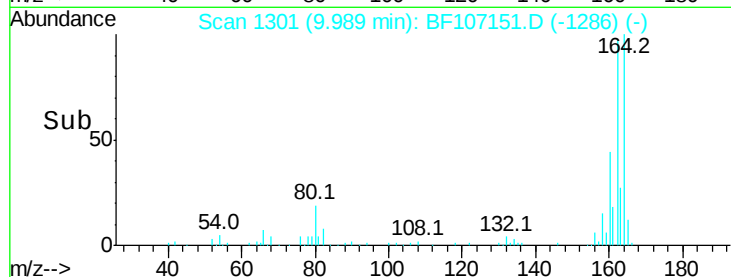
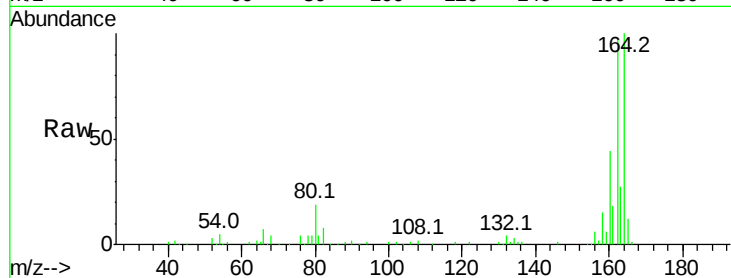




#56
 2,4-Dinitrotoluene
 Concen: 6.099 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

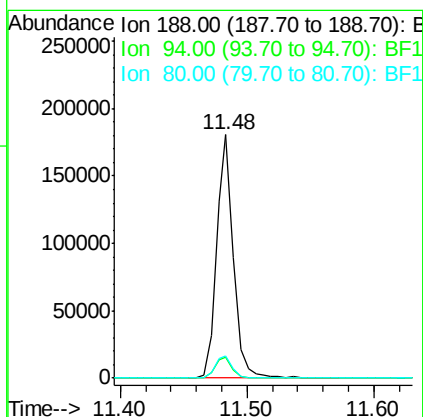
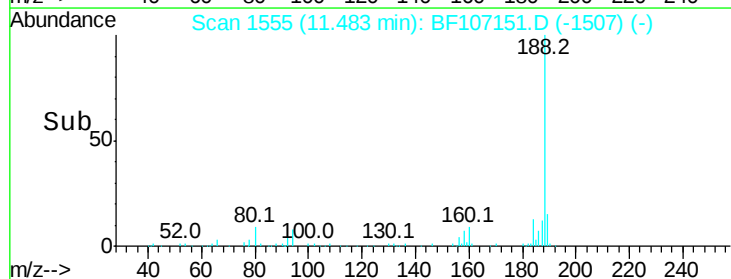
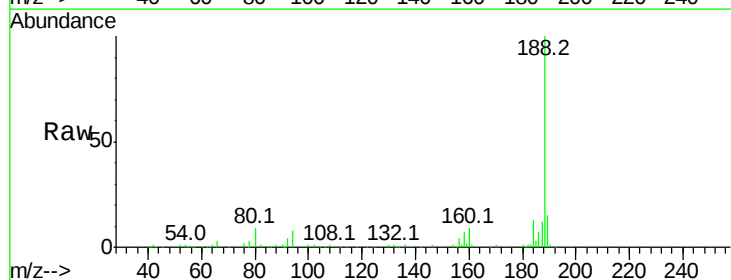
Instrument :
 BNA_F
 ClientSampleId :

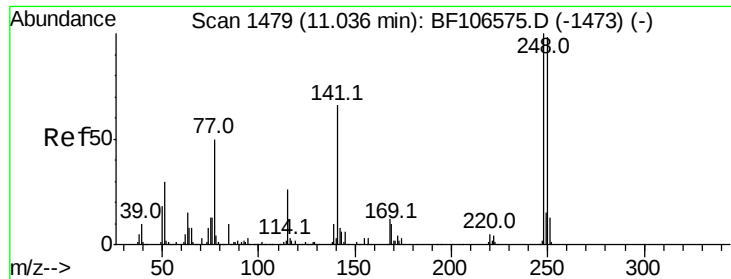
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

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

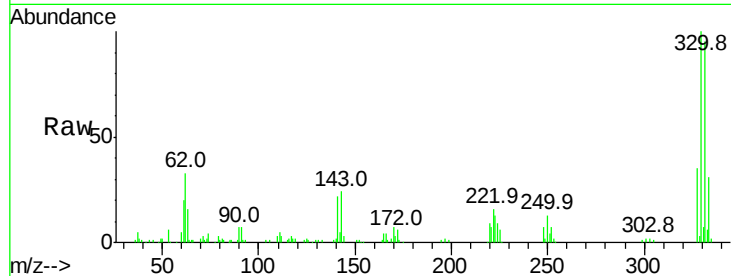




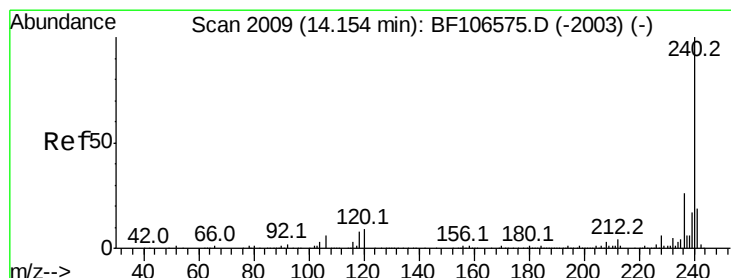
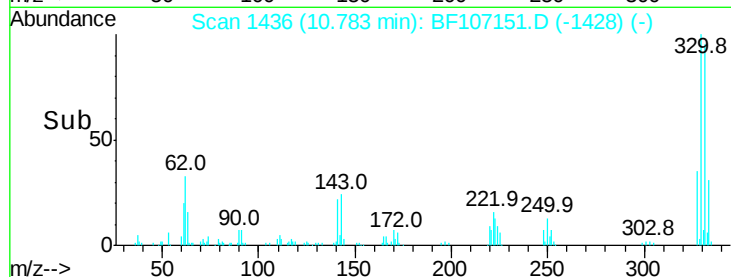
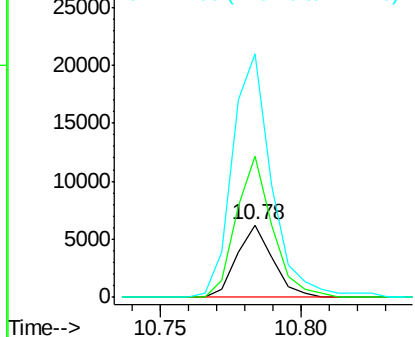
#66
 4-Bromophenyl-phenylether
 Concen: 2.726 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5470
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.9 115.3#
 141 336.6 74.4 111.6#

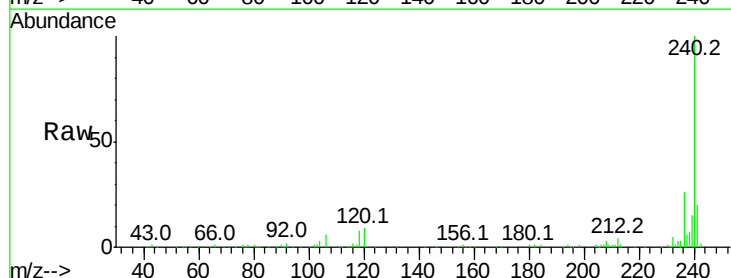


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

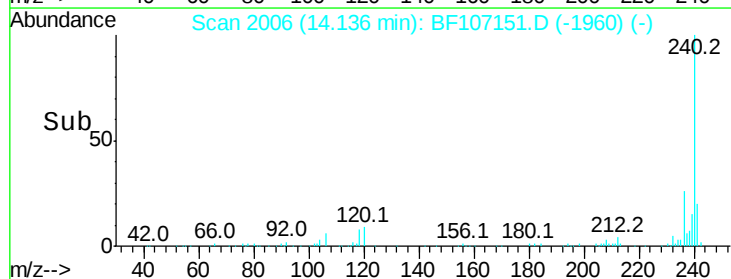
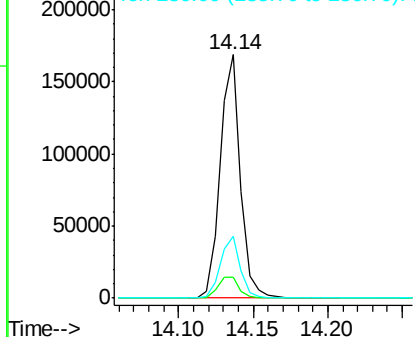


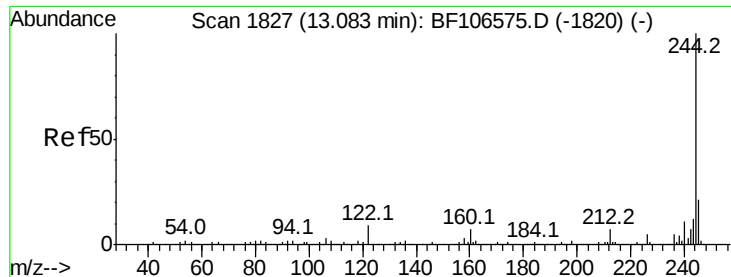
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Tgt Ion:240 Resp: 160632
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 25.6 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

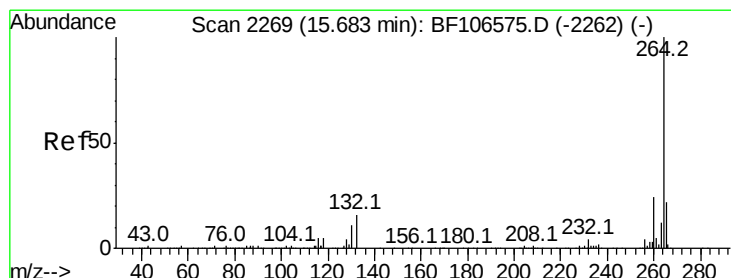
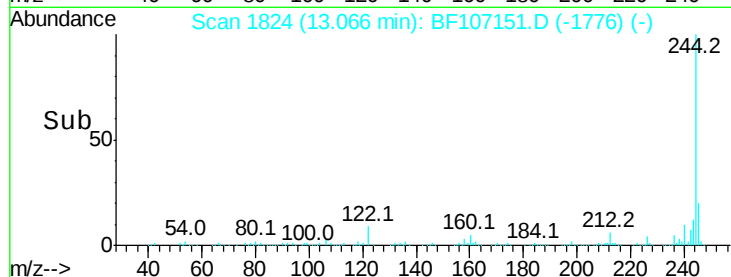
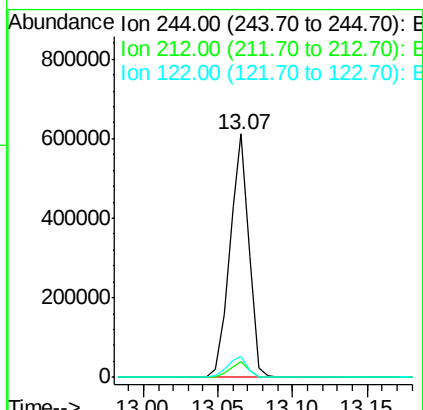
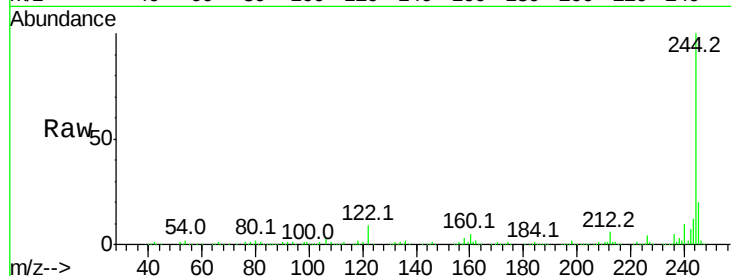




#78
 Terphenyl-d14
 Concen: 83.065 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 550838
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107151.D
 Acq: 6 Jul 2018 4:37

Tgt Ion:264 Resp: 111743
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

