

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107152.D
 Acq On : 6 Jul 2018 5:04
 Operator : JU/SJ
 Sample : J3841-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 05:34:59 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

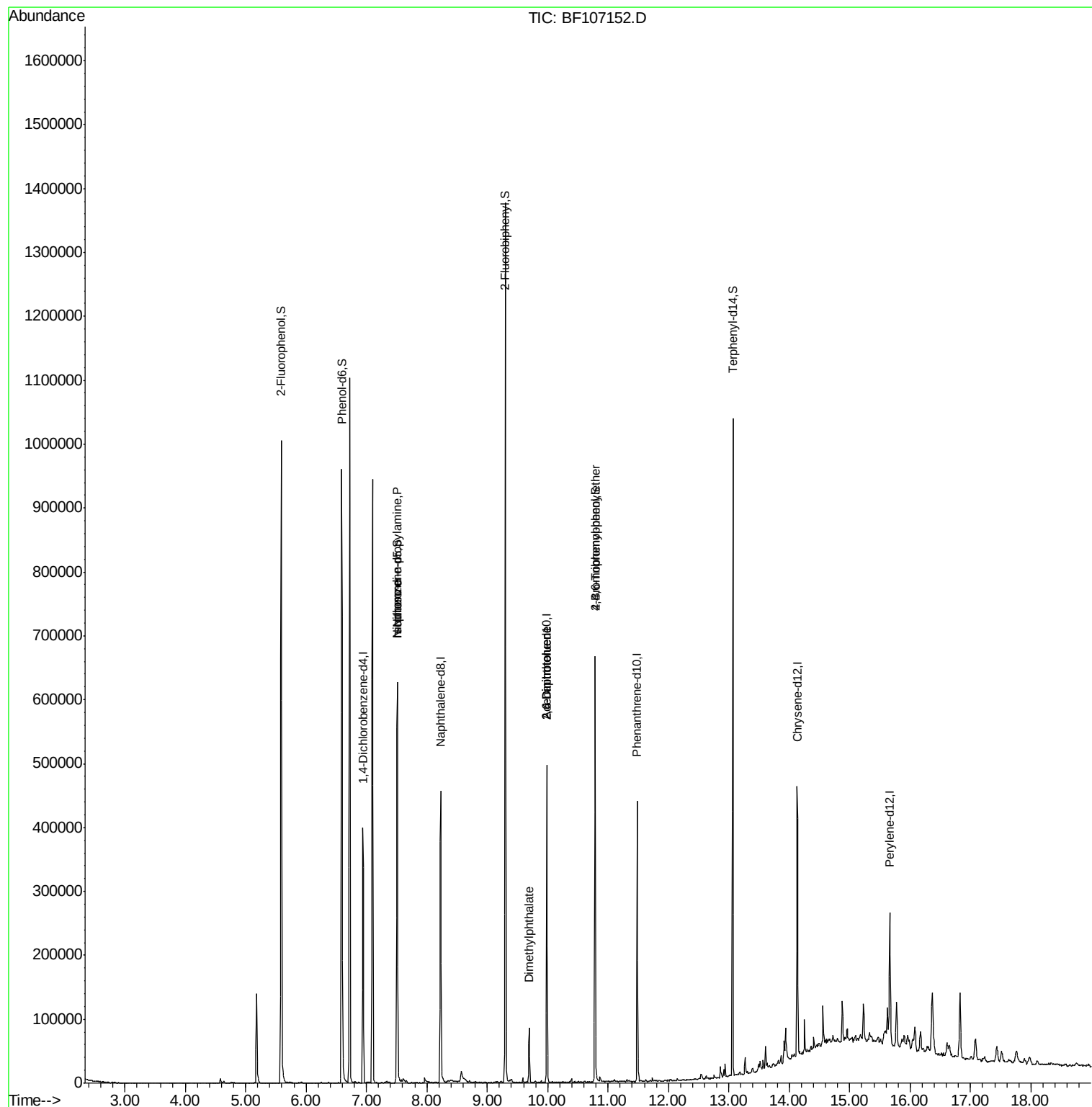
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60309	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	229516	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	103769	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	163578	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	152199	20.00	ng	-0.04
86) Perylene-d12	15.67	264	106079	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	290209	81.48	ng	-0.01
7) Phenol-d6	6.59	99	364921	82.05	ng	-0.02
23) Nitrobenzene-d5	7.51	82	225873	54.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	90852	75.54	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	432224	67.46	ng	-0.02
78) Terphenyl-d14	13.07	244	392676	62.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	28638	9.768	ng	# 75
25) Isophorone	7.51	82	225871	31.037	ng	# 64
49) Dimethylphthalate	9.70	163	37975	4.879	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	13148	7.978	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	13148	6.112	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5766	2.954	ng	# 1

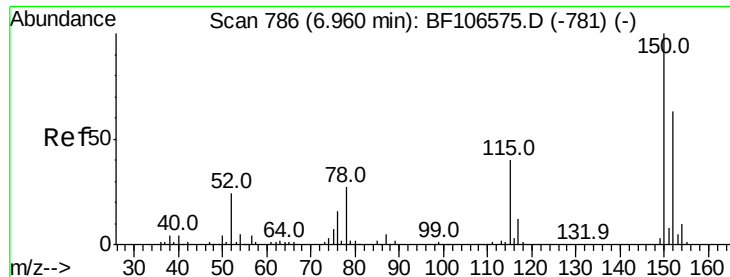
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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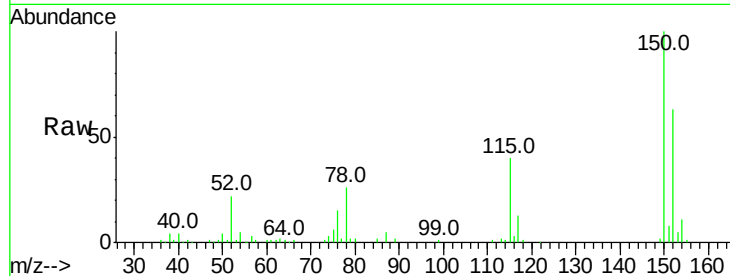


#1

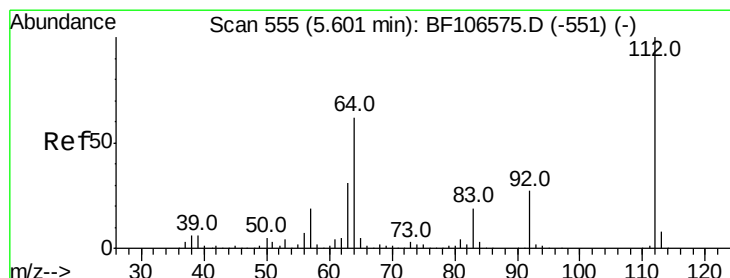
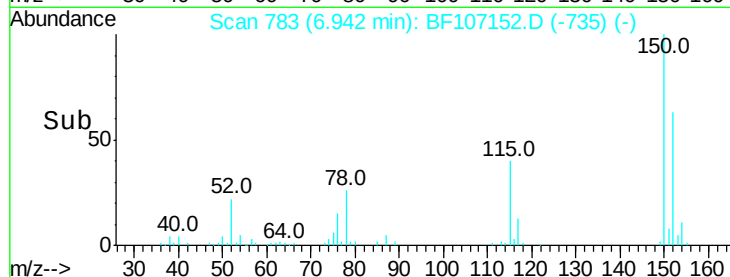
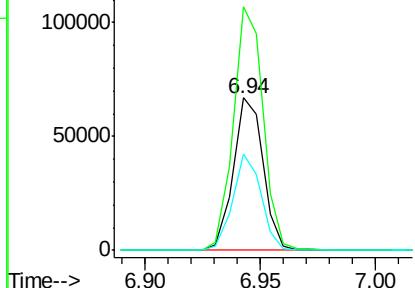
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60309
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 63.2 50.1 75.1



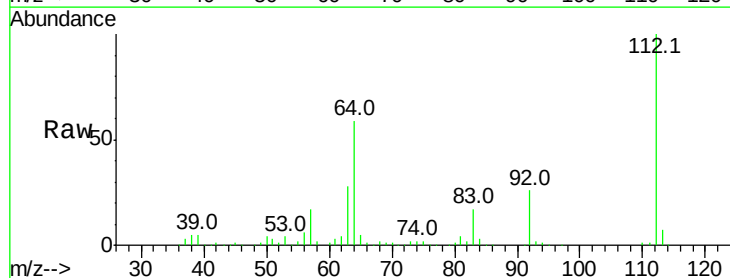
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



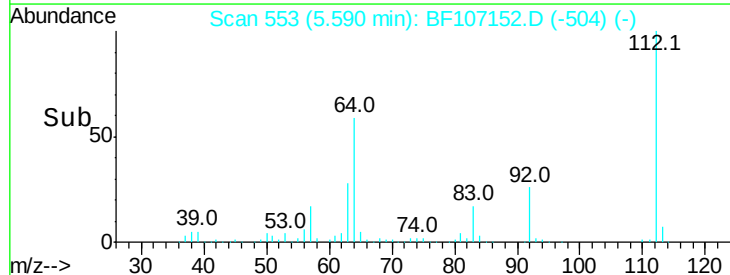
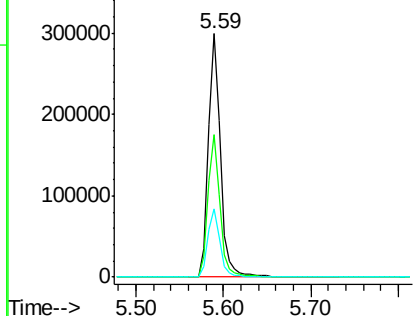
#5

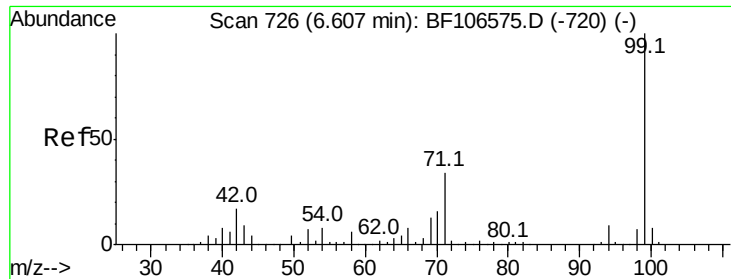
2-Fluorophenol
Concen: 81.483 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Tgt Ion:112 Resp: 290209
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 28.3 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: 82.047 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampled :

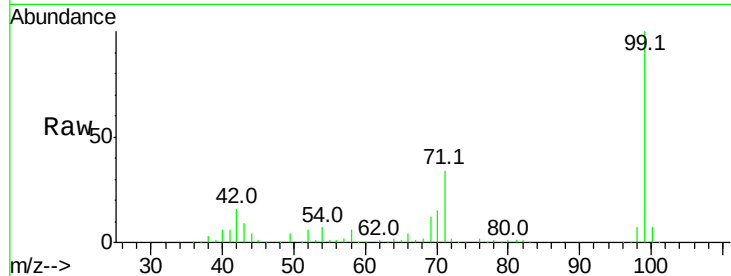
Tot Ion: 99 Resp: 364921

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

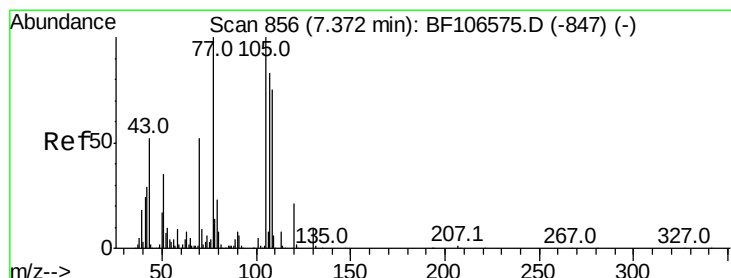
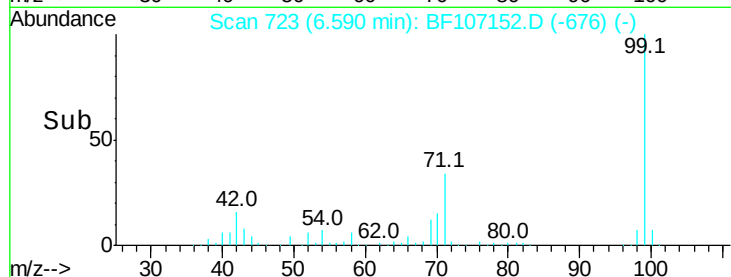
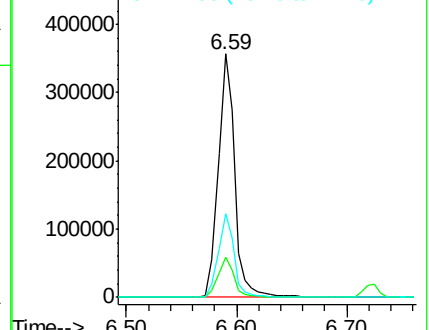
71 34.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.768 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Tgt Ion: 70 Resp: 28638

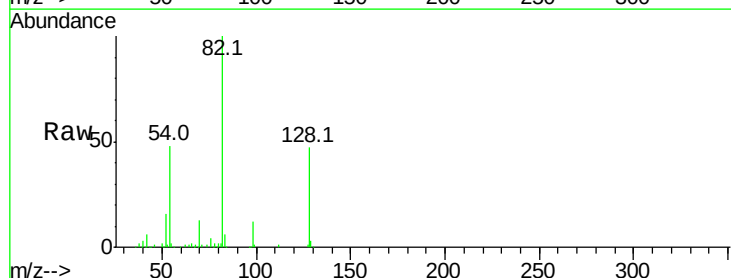
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

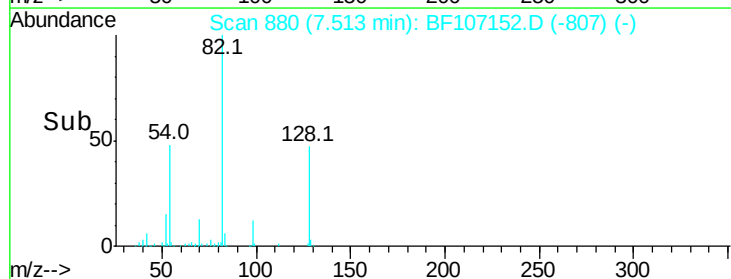
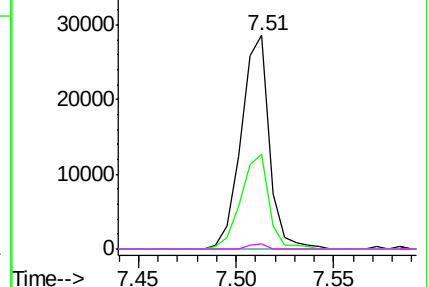


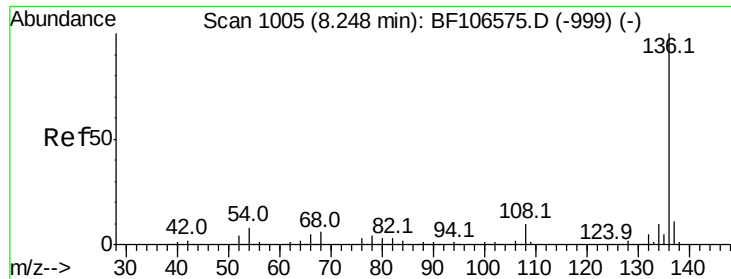
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

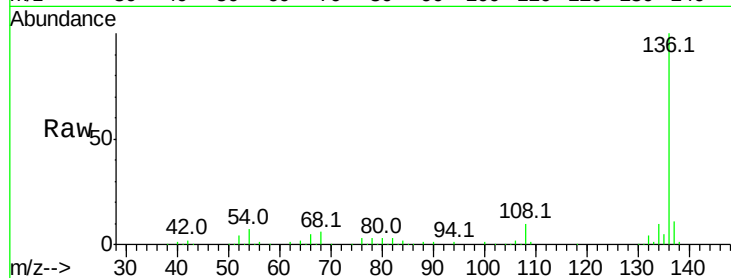




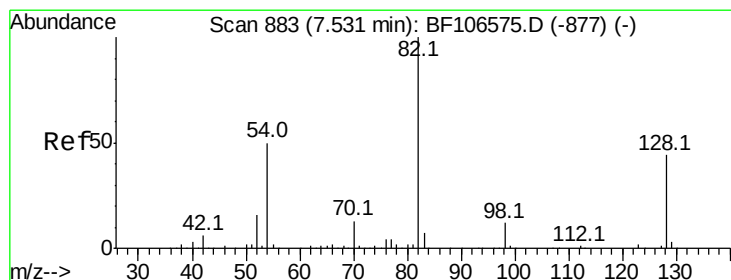
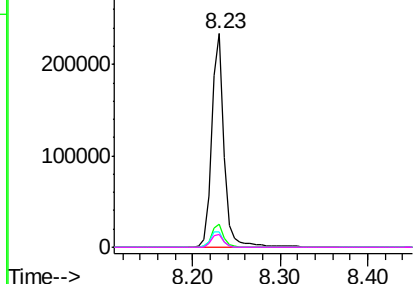
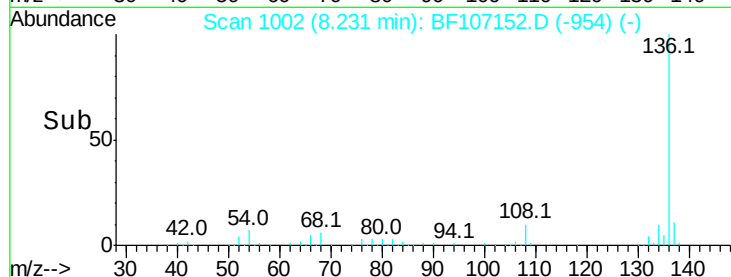
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	229516
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4

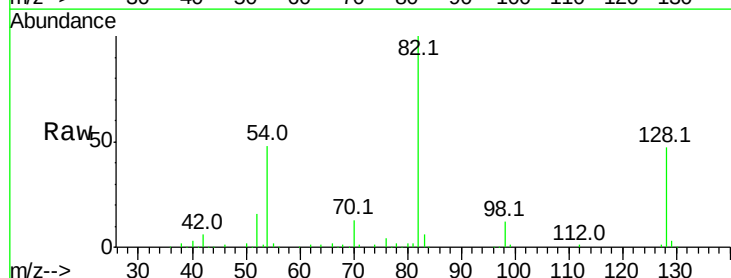


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

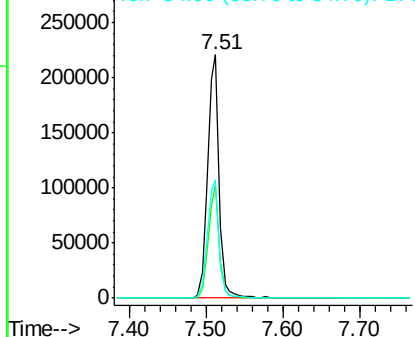
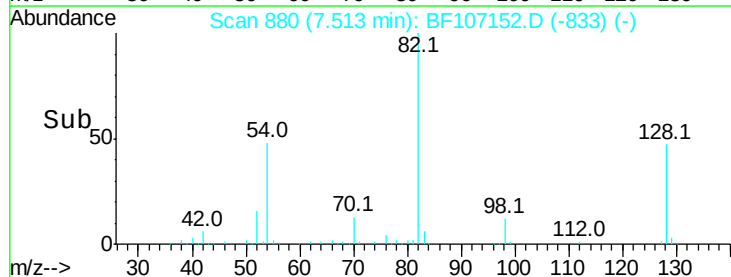


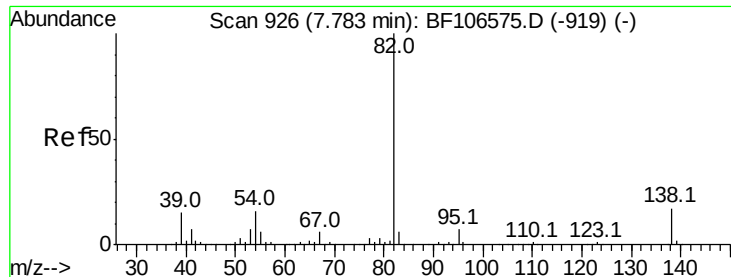
#23
Nitrobenzene-d5
Concen: 54.691 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Tgt Ion:	82	Resp:	225873
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	48.4	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: 31.037 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampleId :

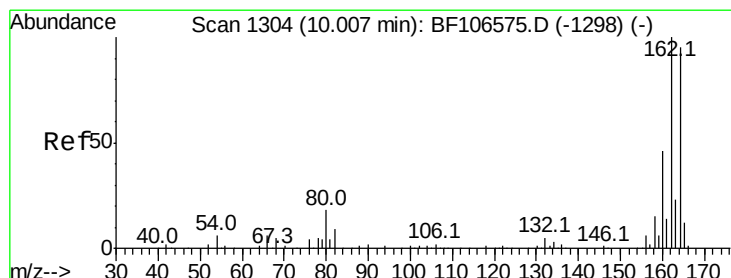
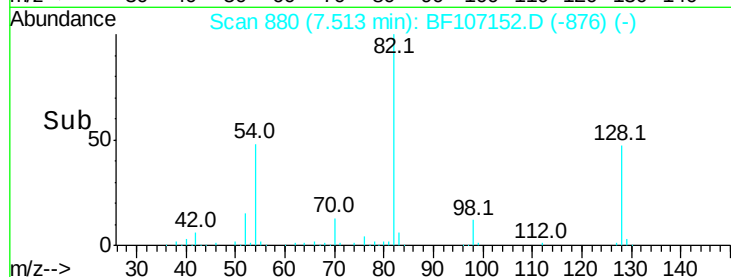
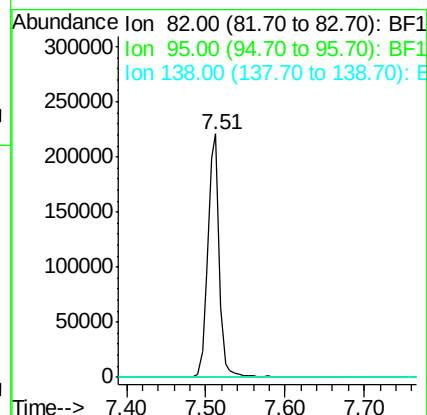
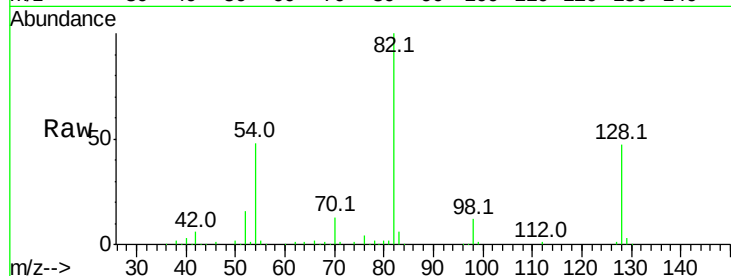
Tot Ion: 82 Resp: 225871

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: BF107152.D

Acq: 6 Jul 2018 5:04

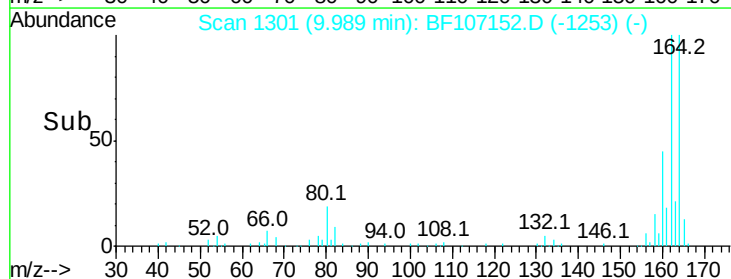
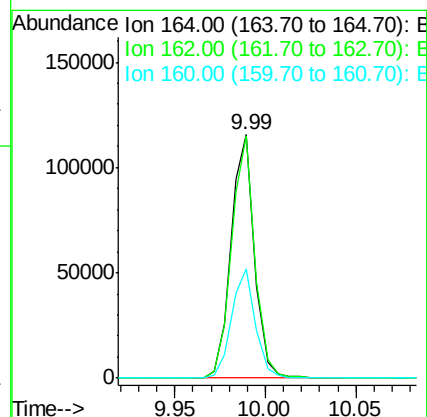
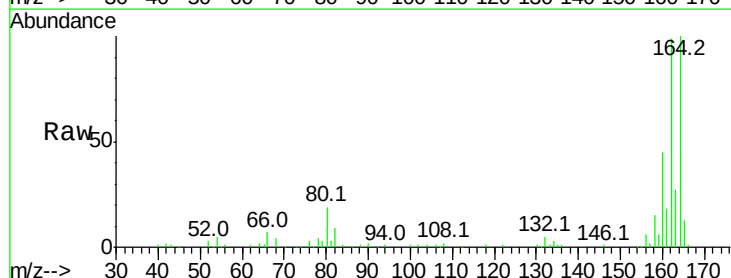
Tgt Ion:164 Resp: 103769

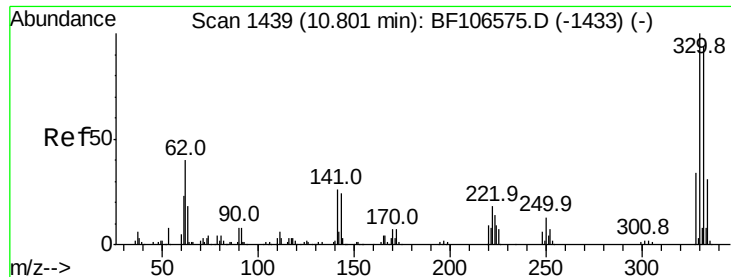
Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

160 45.1 38.3 57.5

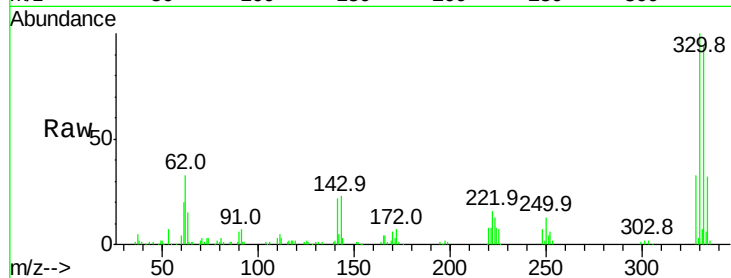




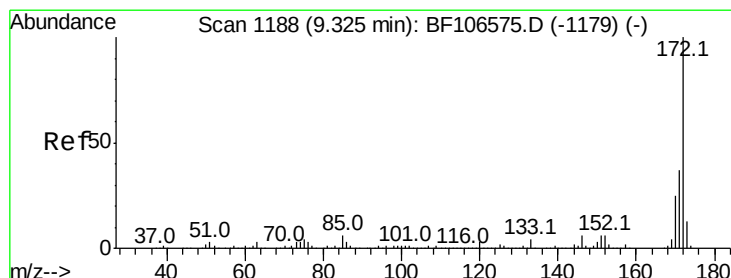
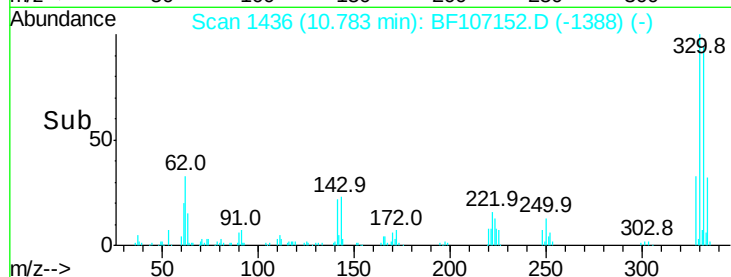
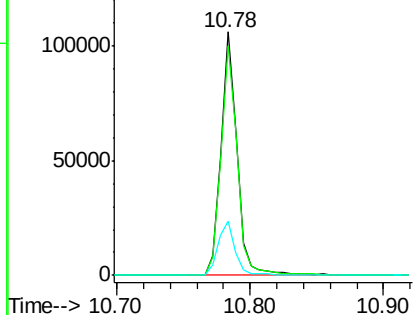
#41
 2,4,6-Tribromophenol
 Concen: 75.539 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.4	29.9	44.9#

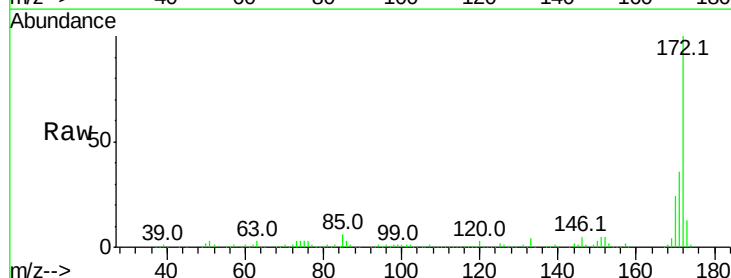


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

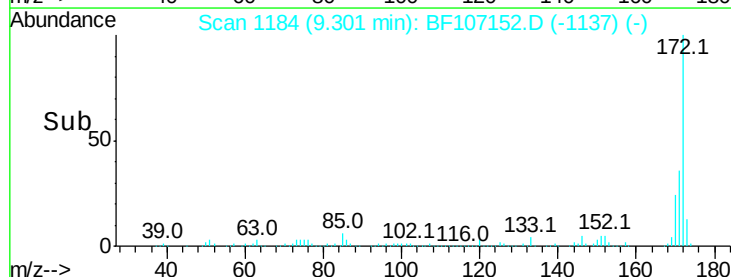
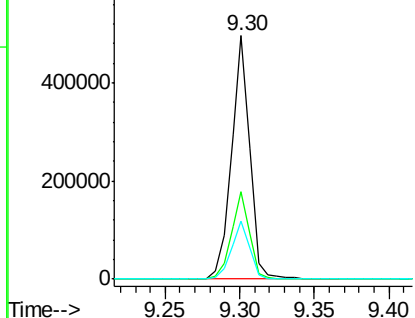


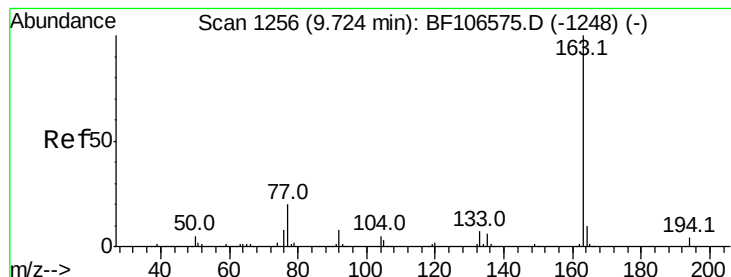
#44
 2-Fluorobiphenyl
 Concen: 67.458 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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: 4.879 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

Instrument :

BNA_F

ClientSampled :

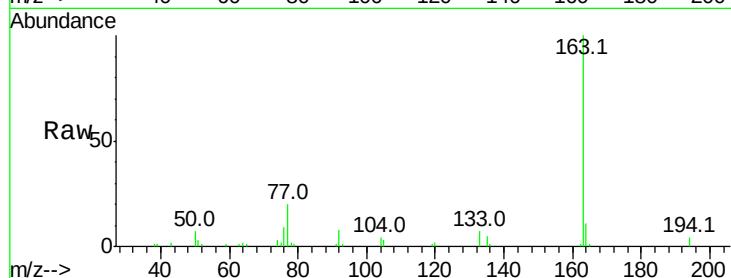
Tot Ion:163 Resp: 37975

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

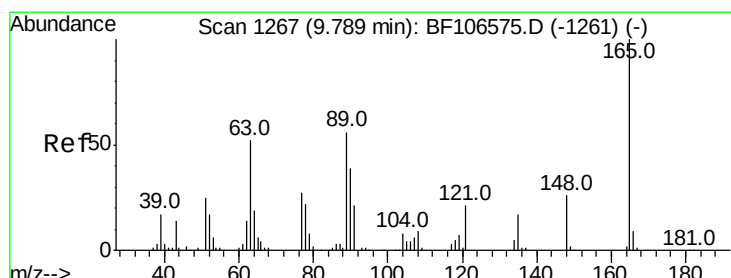
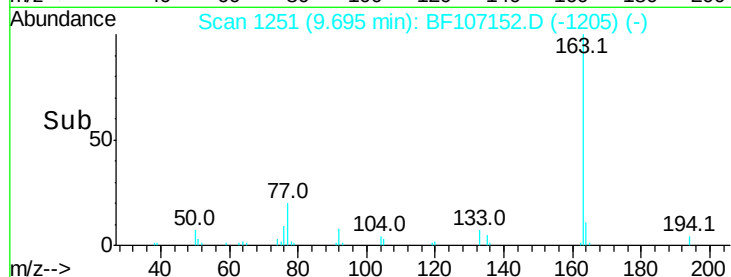
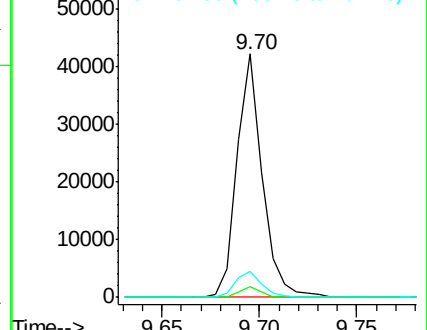
164 10.6 8.2 12.2



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: 7.978 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107152.D

Acq: 6 Jul 2018 5:04

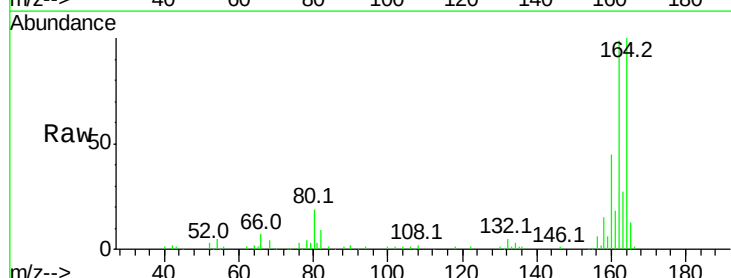
Tgt Ion:165 Resp: 13148

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

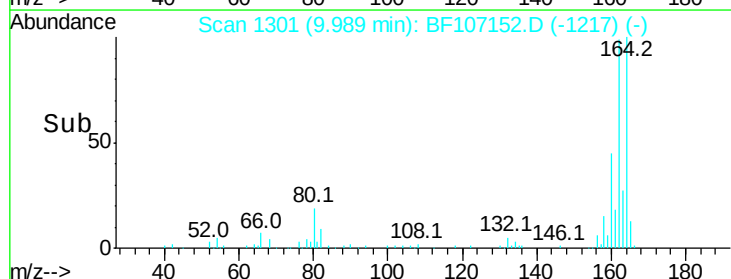
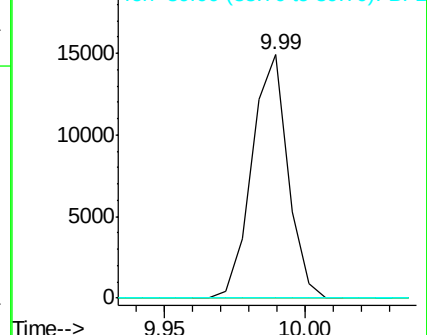
89 0.0 44.0 66.0#

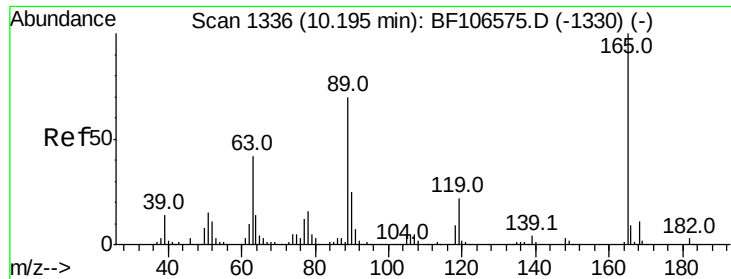


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

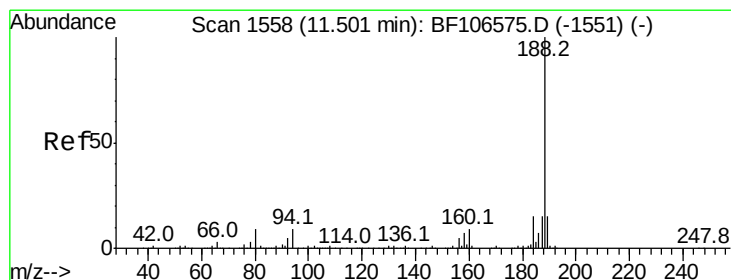
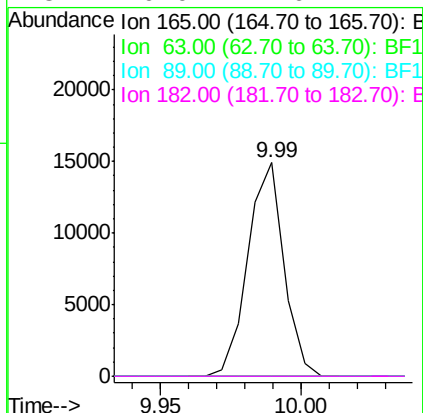
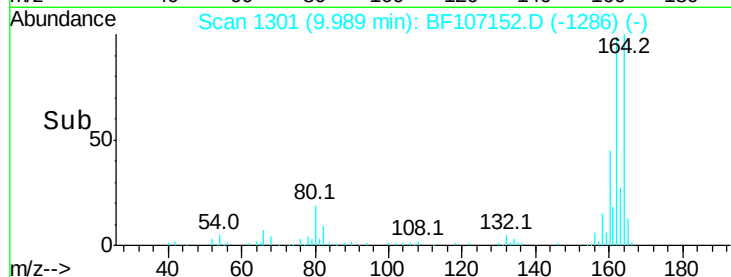
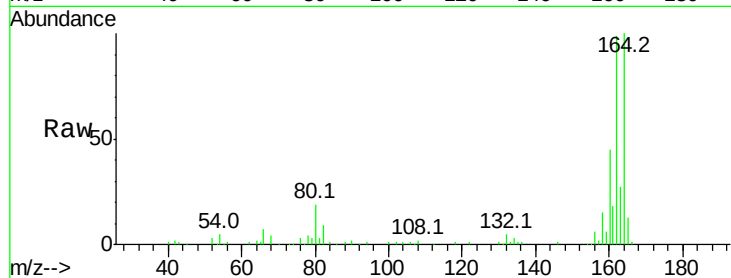




#56
 2,4-Dinitrotoluene
 Concen: 6.112 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

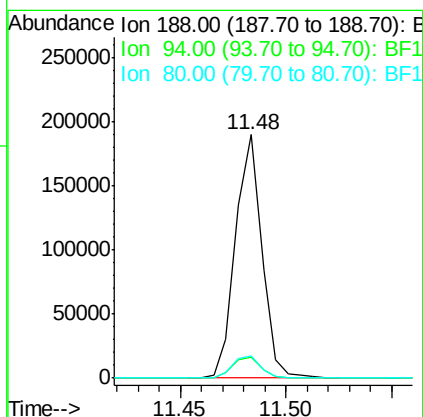
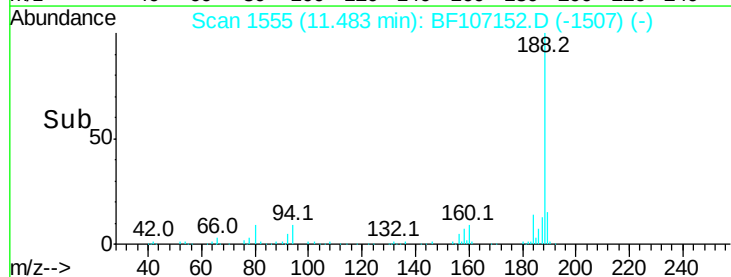
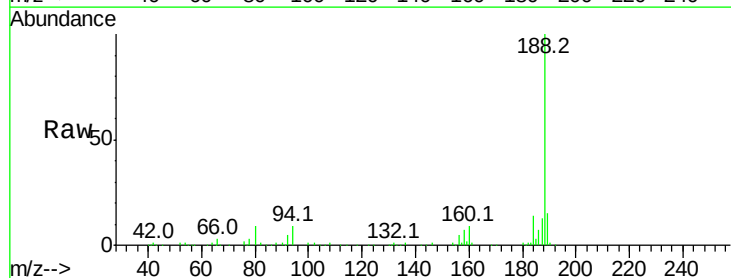
Instrument :
 BNA_F
 ClientSampleId :

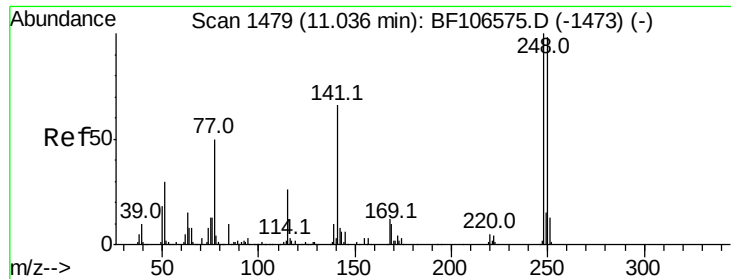
Tot Ion:165 Resp: 13148
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Tgt Ion:188 Resp: 163578
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.3 9.2 13.8

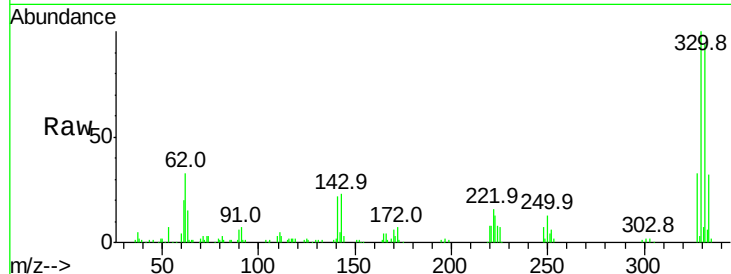




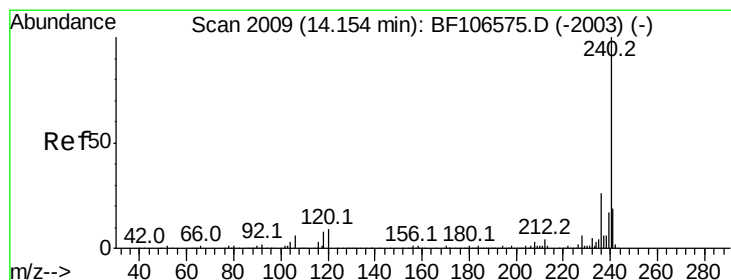
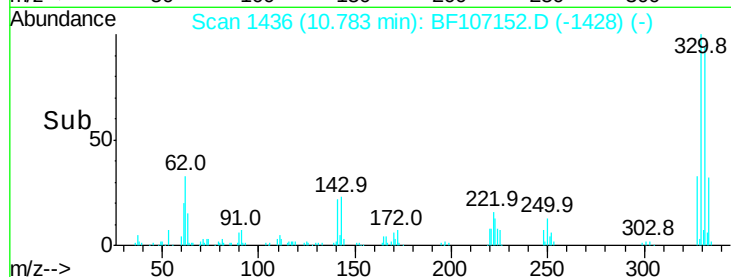
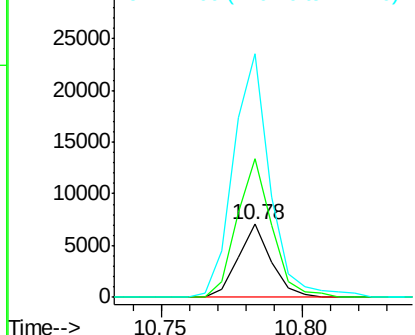
#66
4-Bromophenyl-phenylether
Concen: 2.954 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5766
Ion Ratio Lower Upper
248 100
250 190.7 76.9 115.3#
141 333.4 74.4 111.6#

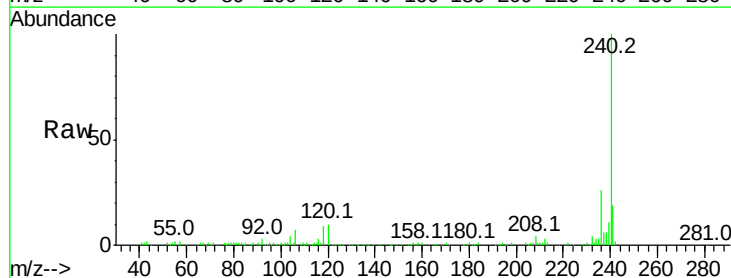


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

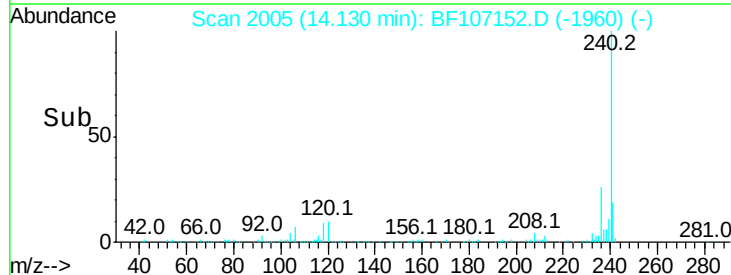
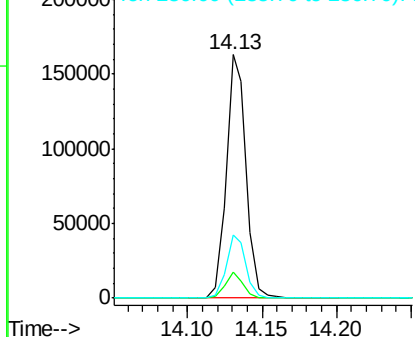


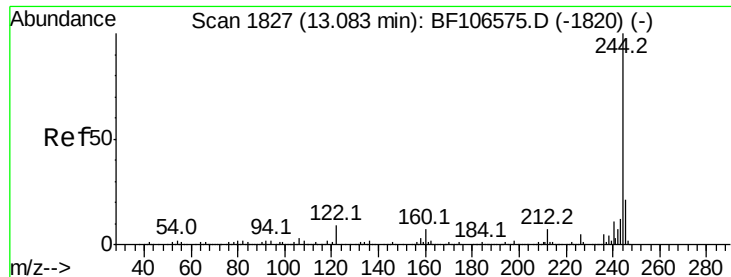
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107152.D
Acq: 6 Jul 2018 5:04

Tgt Ion:240 Resp: 152199
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 26.0 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

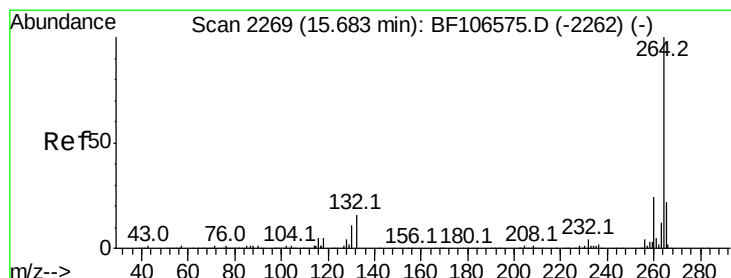
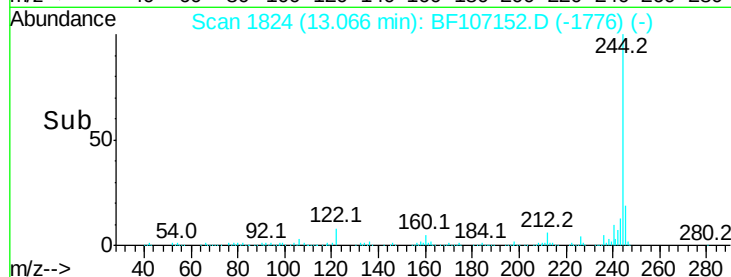
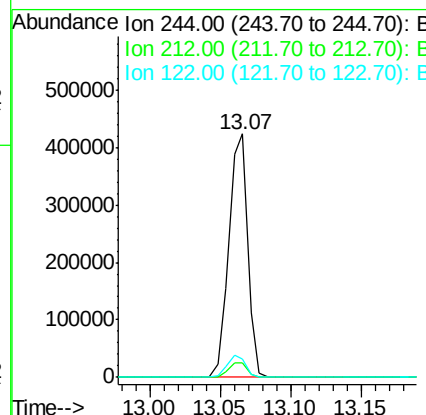
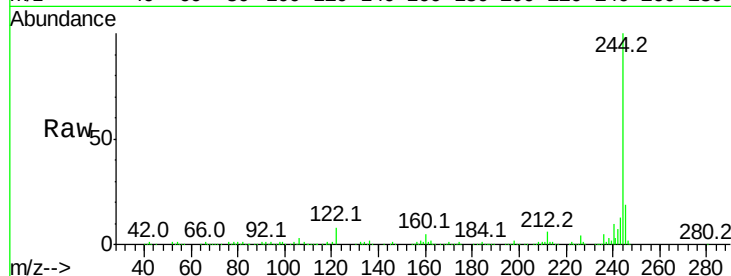




#78
 Terphenyl-d14
 Concen: 62.496 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107152.D
 Acq: 6 Jul 2018 5:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 392676
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.7 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: BF107152.D
 Acq: 6 Jul 2018 5:04

Tgt Ion:264 Resp: 106079
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.6 17.5 26.3

