

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107154.D
 Acq On : 6 Jul 2018 5:58
 Operator : JU/SJ
 Sample : J3851-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:14:09 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

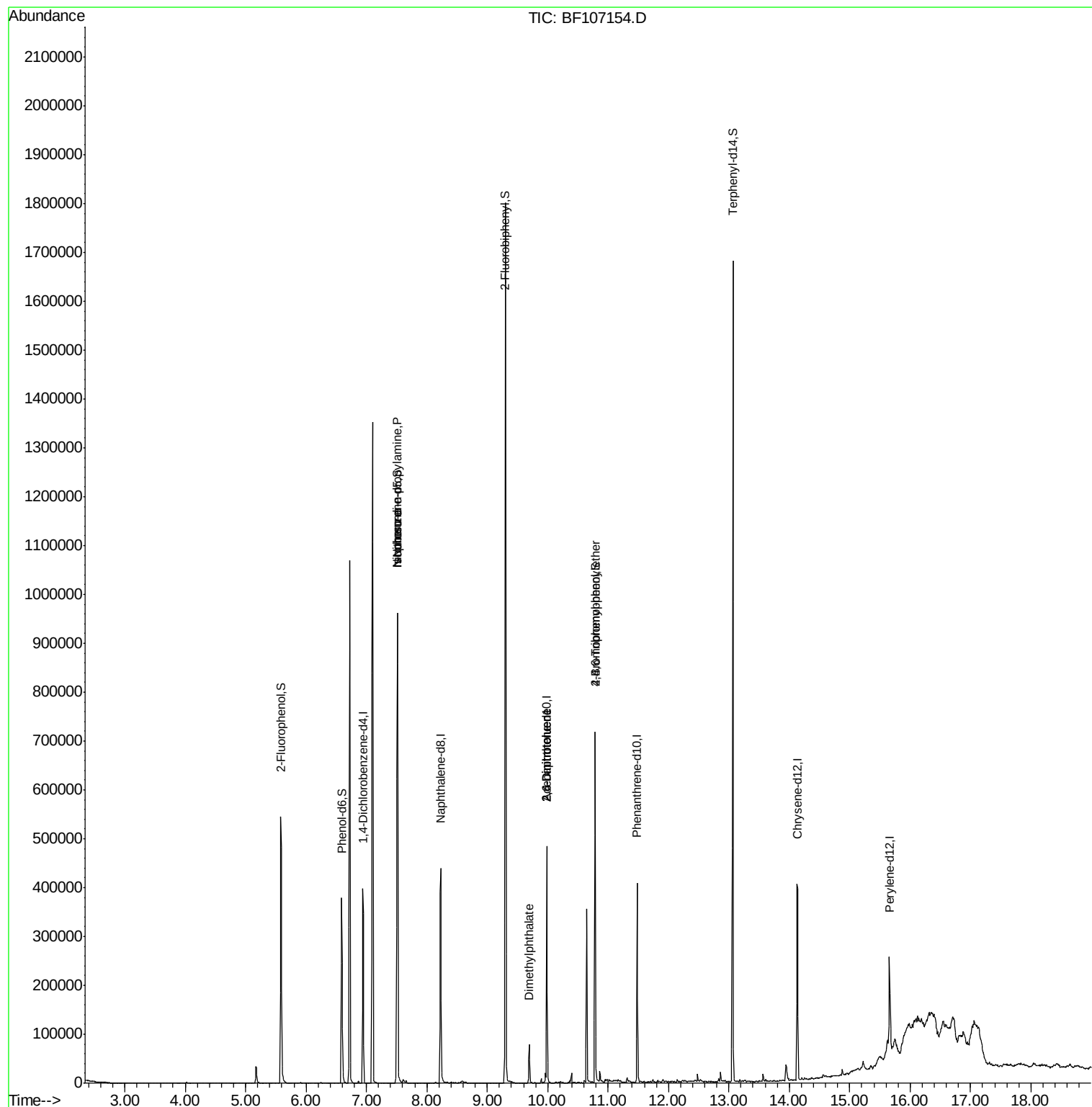
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61478	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	227790	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	102062	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	162062	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	160280	20.00	ng	-0.03
86) Perylene-d12	15.67	264	110591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	171701	47.29	ng	-0.02
7) Phenol-d6	6.59	99	144594	31.89	ng	-0.02
23) Nitrobenzene-d5	7.51	82	383792	93.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	106312	89.87	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	673702	117.34	ng	-0.02
78) Terphenyl-d14	13.07	244	641267	96.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	49883	16.691	ng	# 74
25) Isophorone	7.51	82	383790	53.136	ng	# 64
49) Dimethylphthalate	9.70	163	37242	4.865	ng	# 98
50) 2,6-Dinitrotoluene	9.99	165	12427	7.667	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	12427	5.874	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6801	3.516	ng	# 1

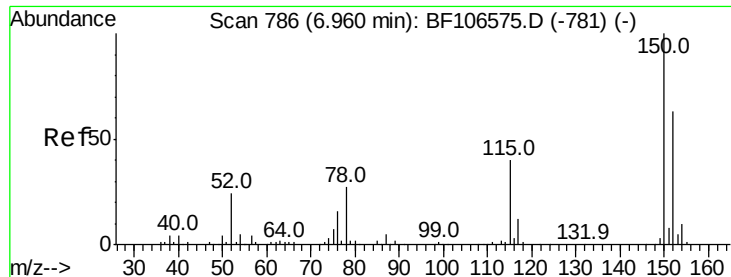
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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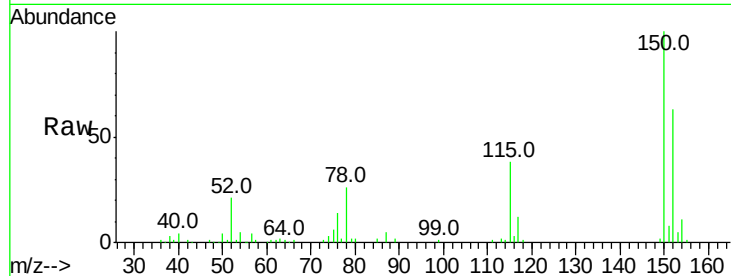


#1

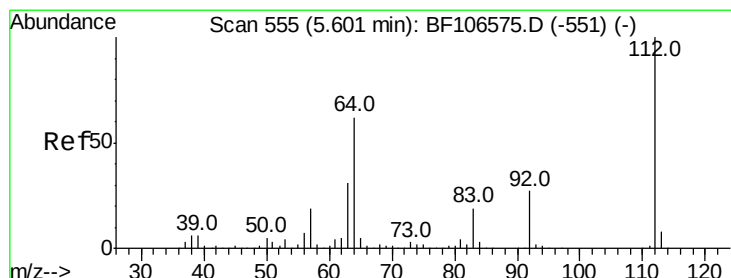
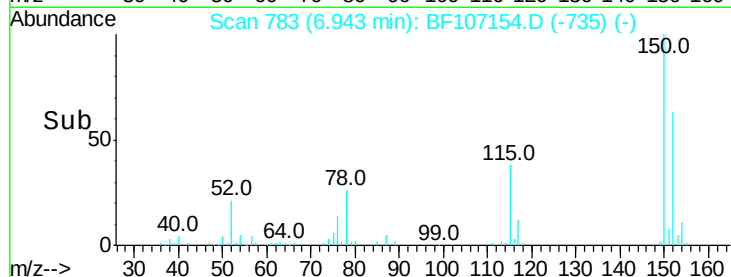
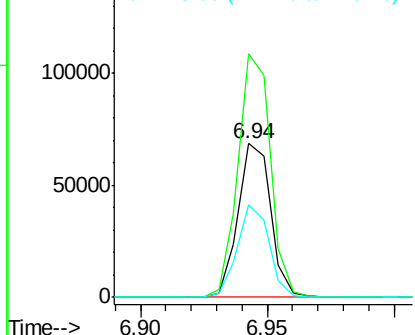
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61478
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.0 50.1 75.1



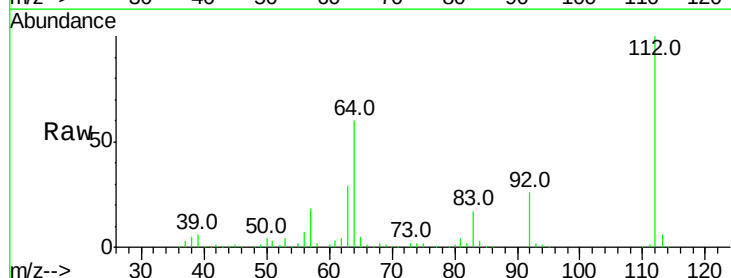
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



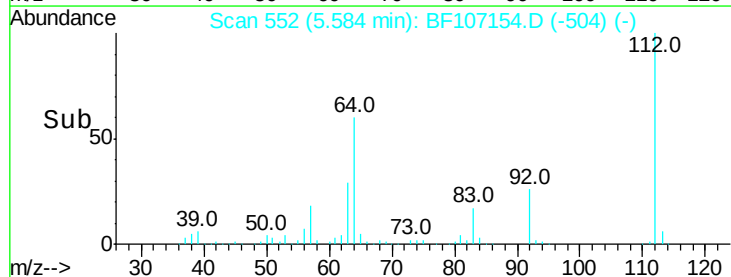
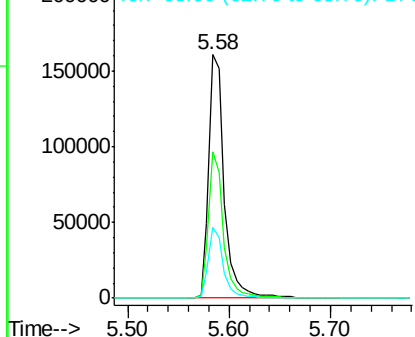
#5

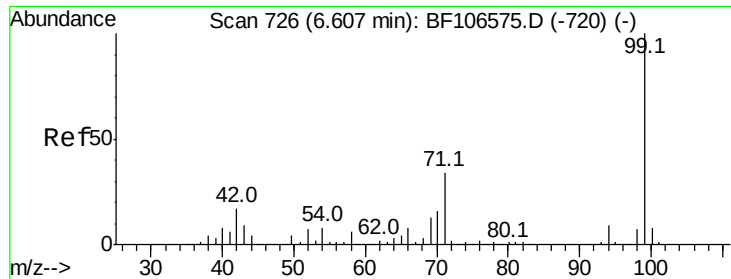
2-Fluorophenol
Concen: 47.292 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

Tgt Ion:112 Resp: 171701
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 29.0 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: 31.891 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107154.D

Acq: 6 Jul 2018 5:58

Instrument :

BNA_F

ClientSampled :

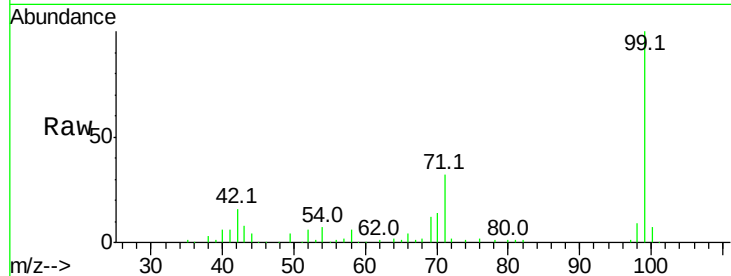
Tot Ion: 99 Resp: 144594

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

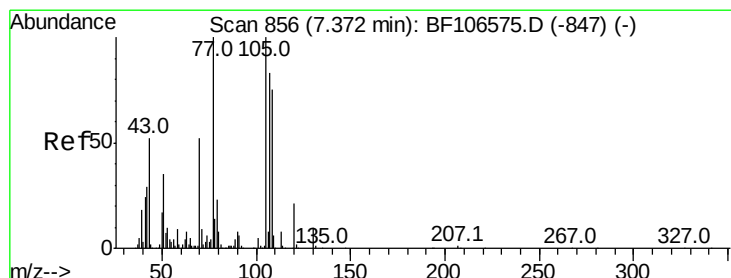
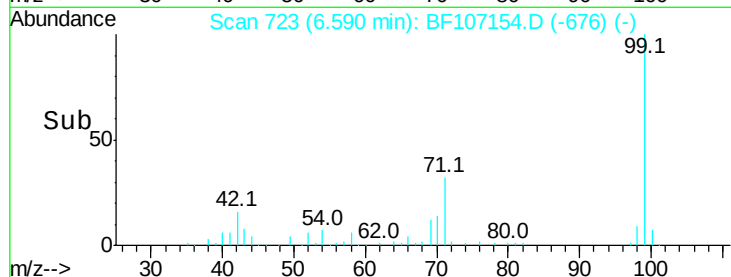
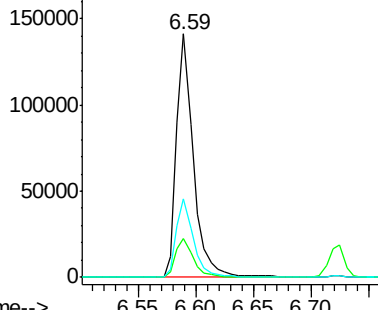
71 32.4 25.4 38.0



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: 16.691 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107154.D

Acq: 6 Jul 2018 5:58

Tgt Ion: 70 Resp: 49883

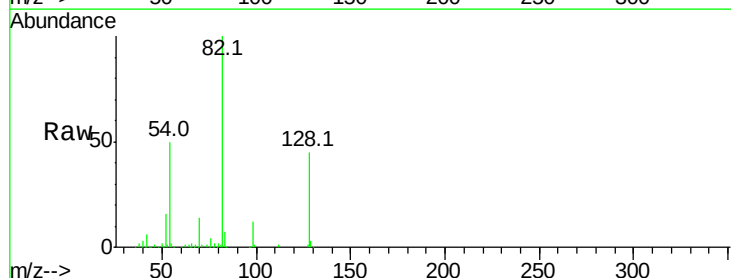
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

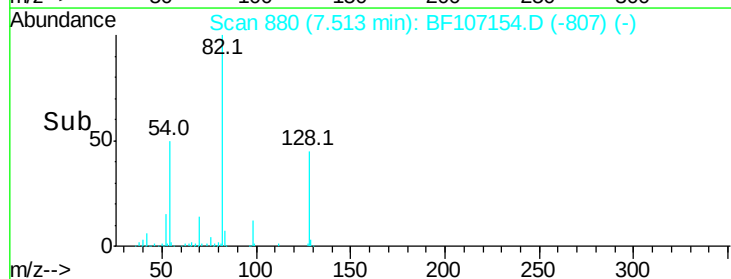
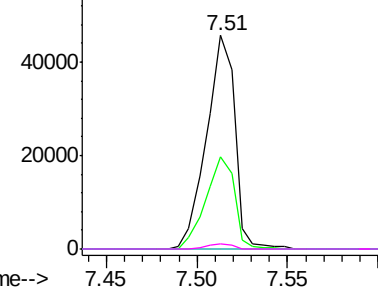


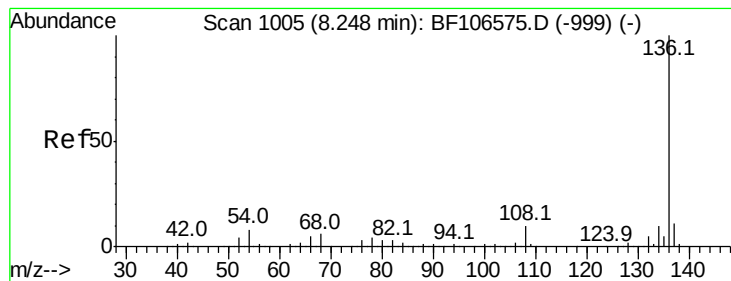
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF107154.D

Acq: 6 Jul 2018 5:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 227790

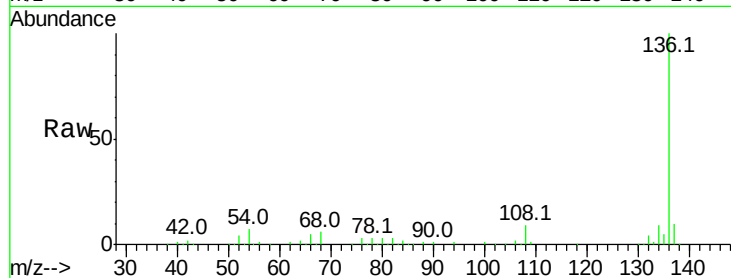
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.3 6.6 9.8

68 6.2 5.0 7.4

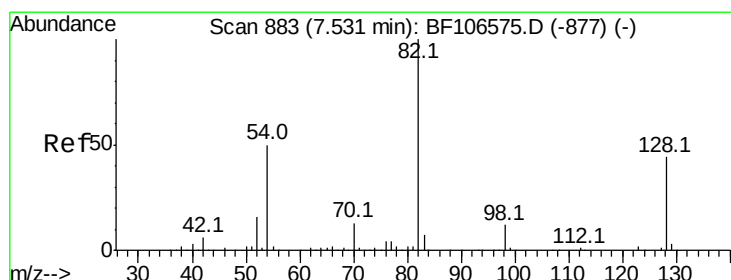
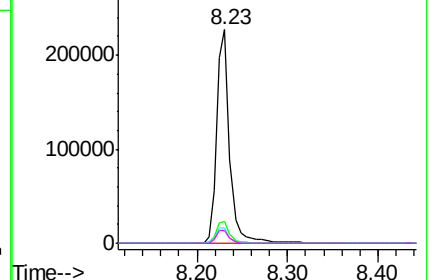
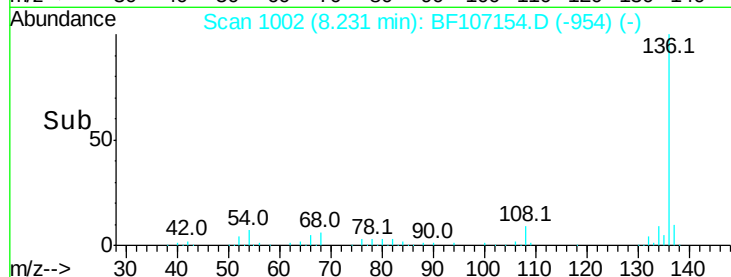


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.633 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107154.D

Acq: 6 Jul 2018 5:58

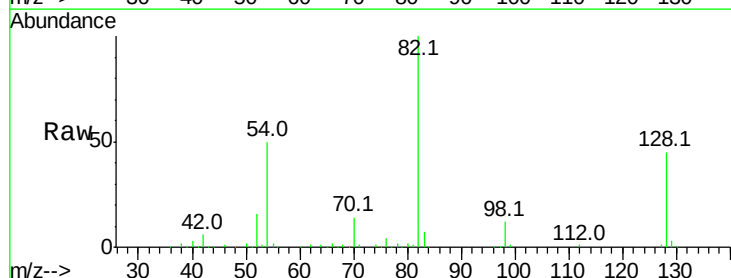
Tgt Ion: 82 Resp: 383792

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

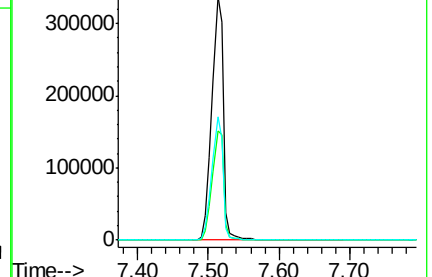
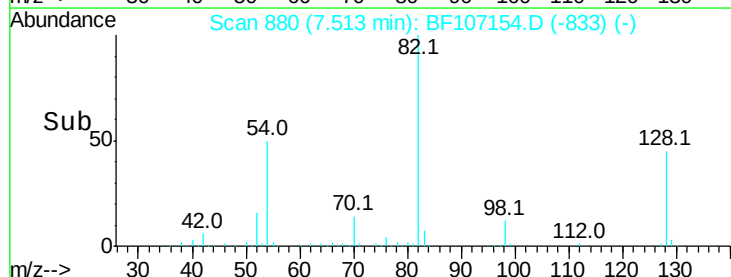
54 50.4 41.4 62.2

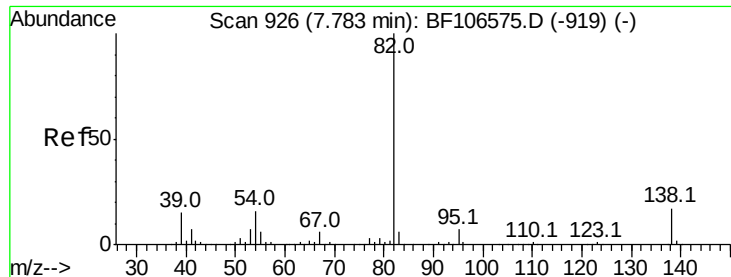


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

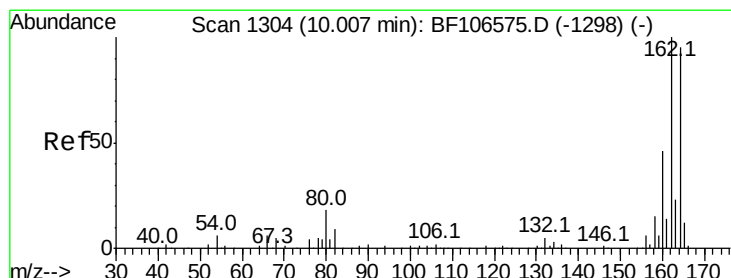
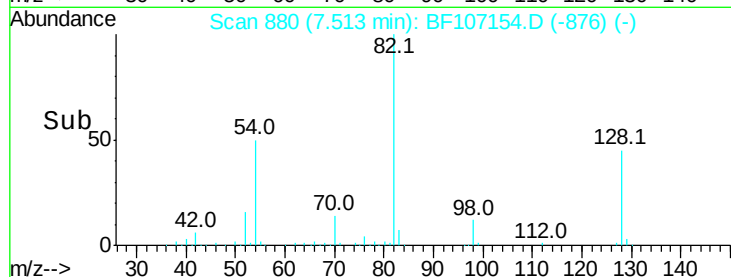
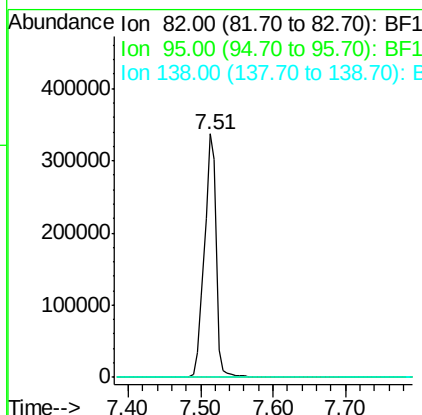
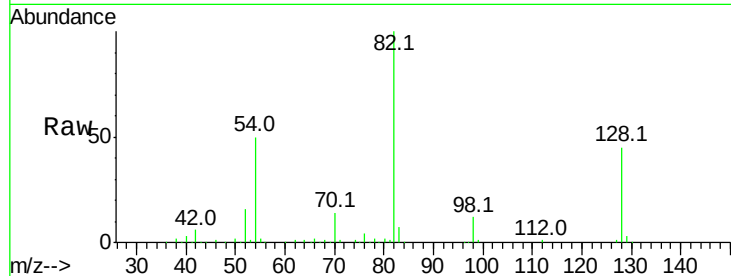




#25
Isophorone
Concen: 53.136 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

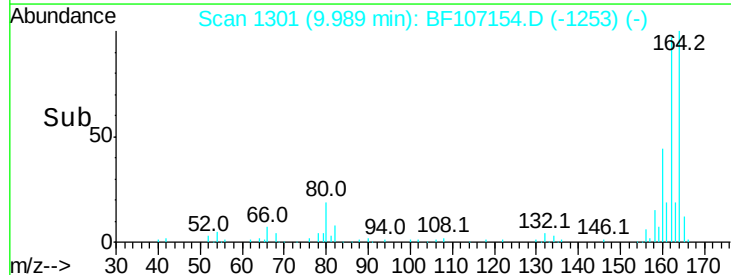
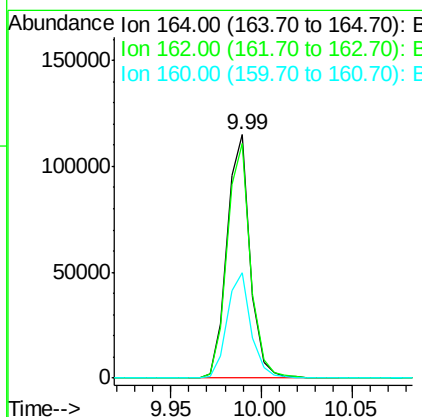
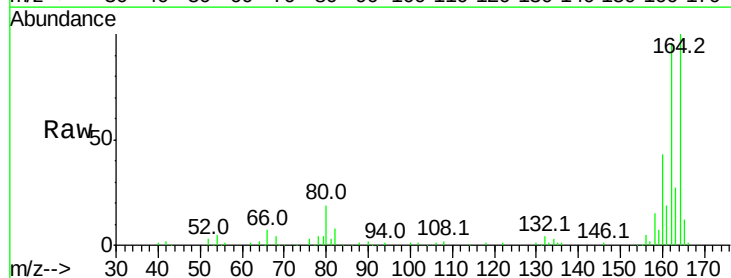
Instrument :
BNA_F
ClientSampleId :

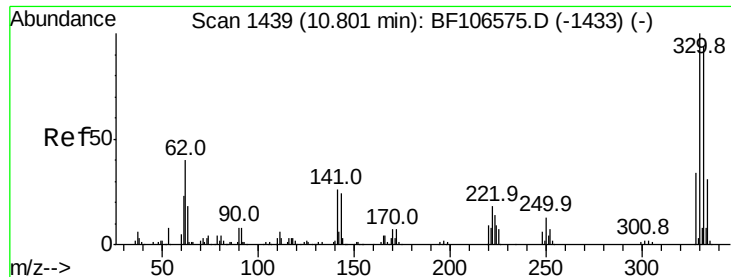
Tot Ion: 82 Resp: 383790
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

Tgt Ion:164 Resp: 102062
Ion Ratio Lower Upper
164 100
162 96.3 86.1 129.1
160 43.2 38.3 57.5

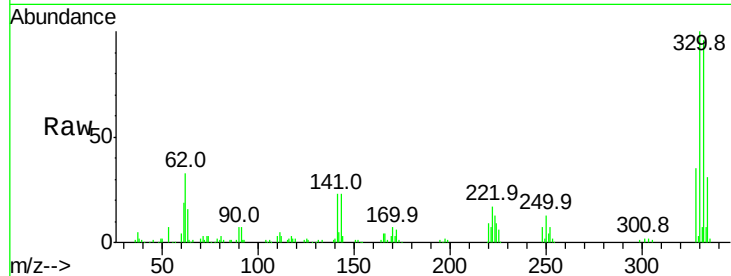




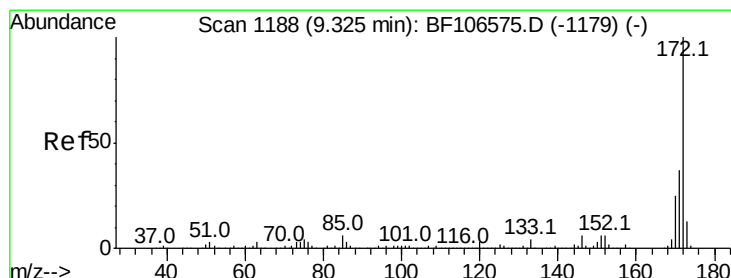
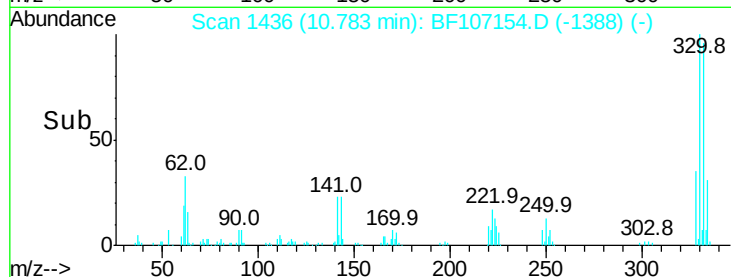
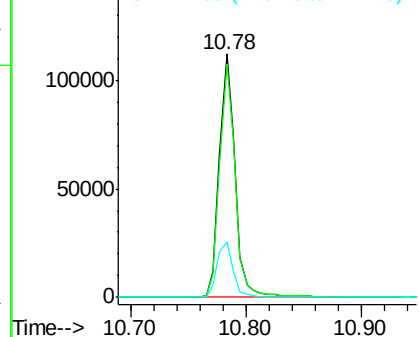
#41
 2,4,6-Tribromophenol
 Concen: 89.872 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	23.2	29.9	44.9#

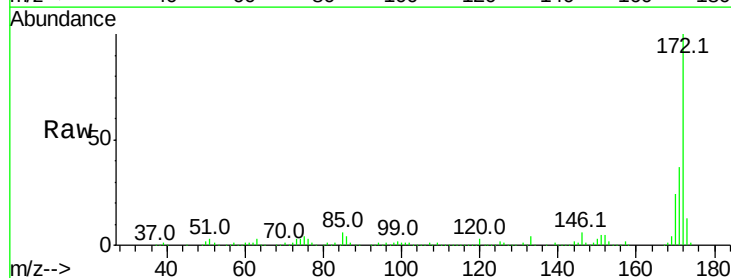


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

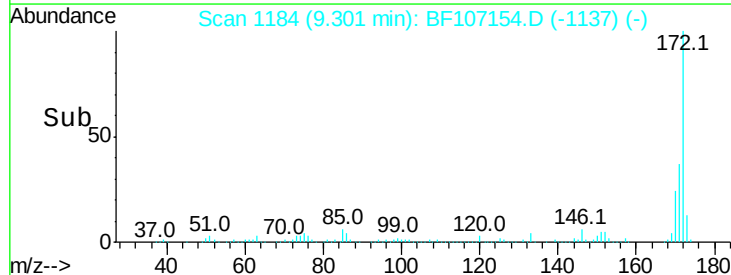
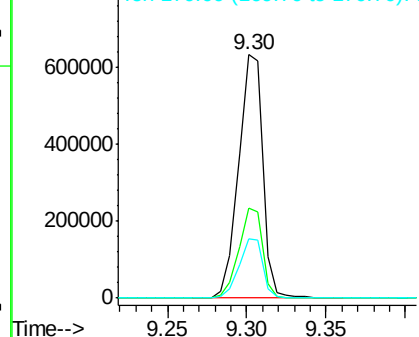


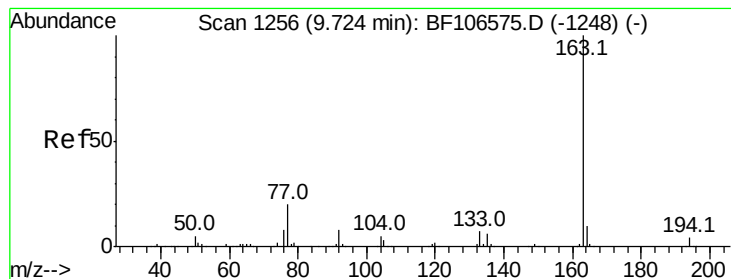
#44
 2-Fluorobiphenyl
 Concen: 117.341 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	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: 4.865 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107154.D

Acq: 6 Jul 2018 5:58

Instrument :

BNA_F

ClientSampleId :

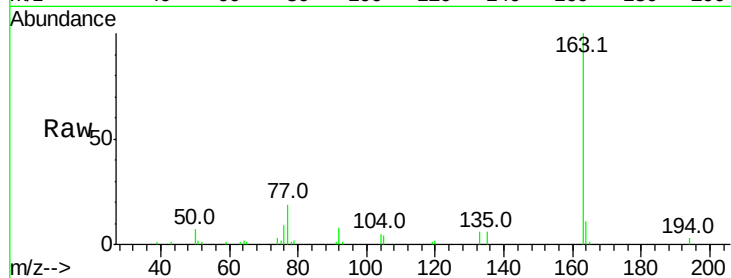
Tot Ion:163 Resp: 37242

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

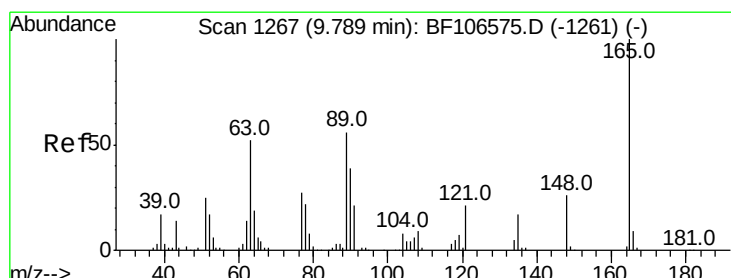
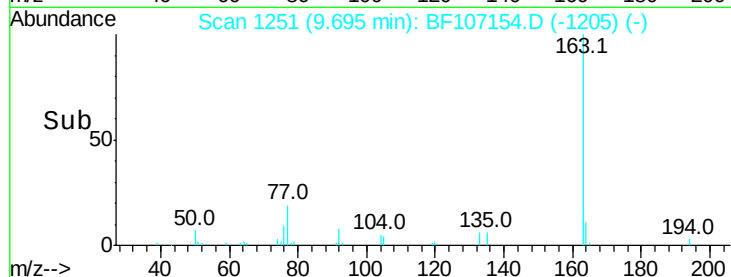
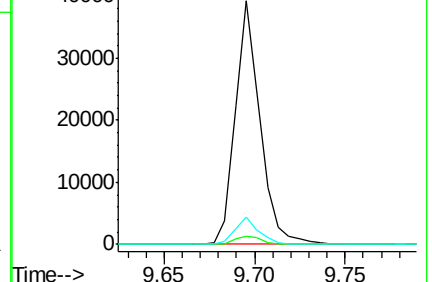
164 11.0 8.2 12.2



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: 7.667 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107154.D

Acq: 6 Jul 2018 5:58

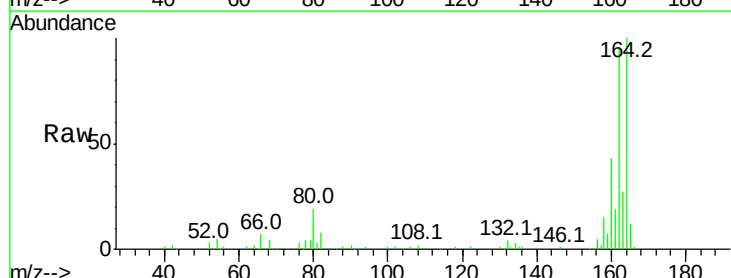
Tgt Ion:165 Resp: 12427

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

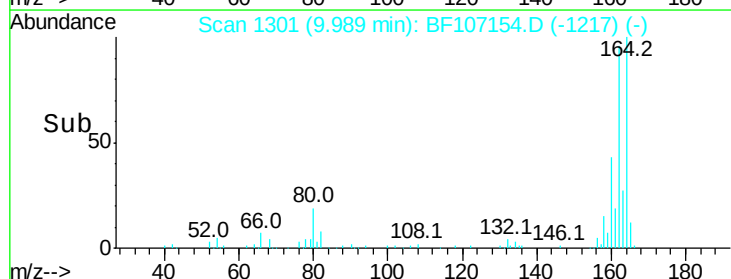
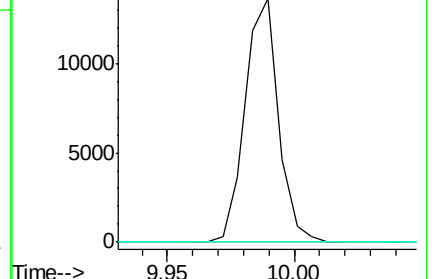
89 0.0 44.0 66.0#

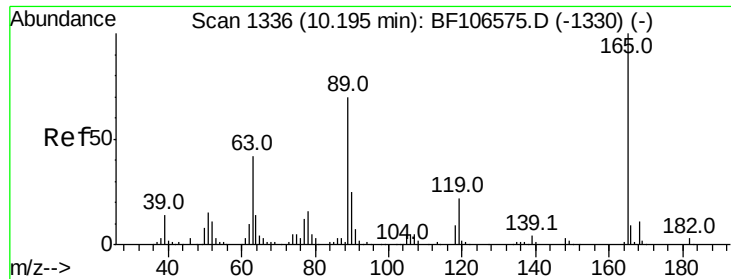


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

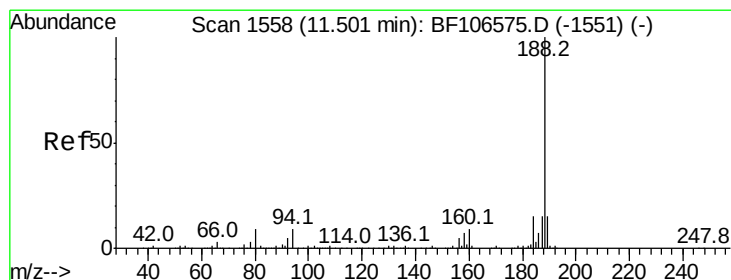
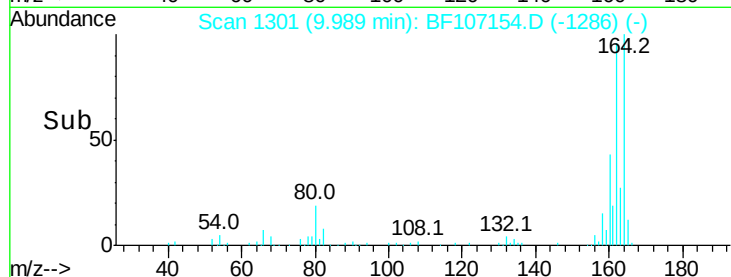
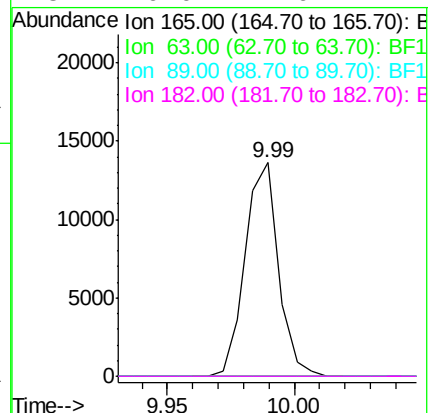
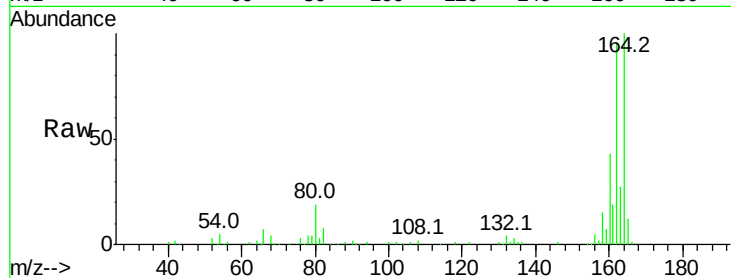




#56
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

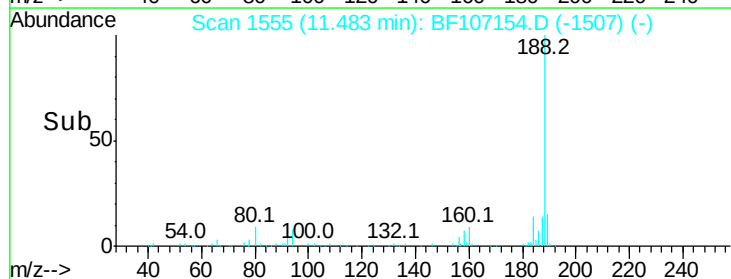
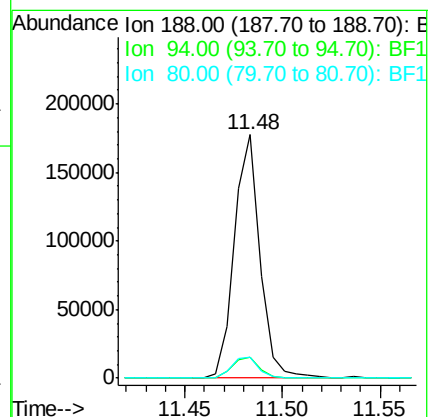
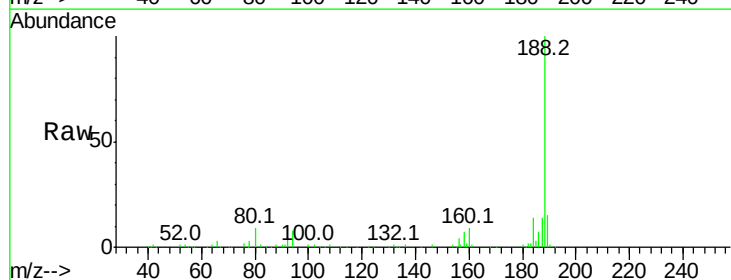
Instrument :
 BNA_F
 ClientSampleId :

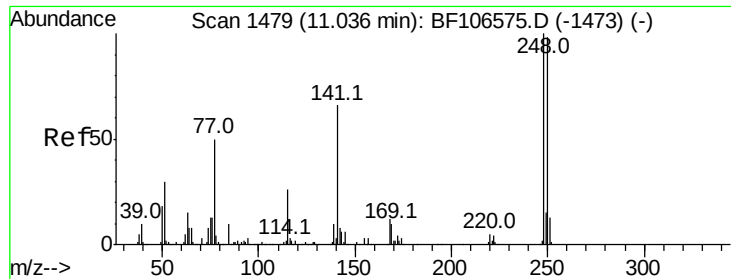
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.8	9.2	13.8#

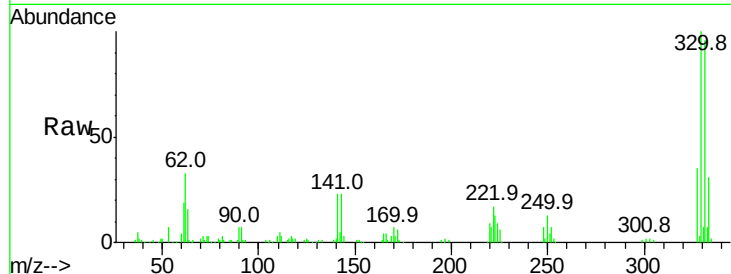




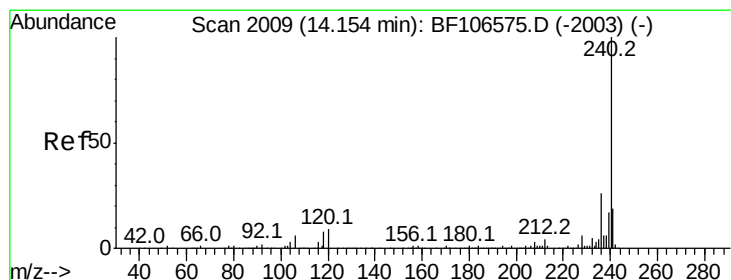
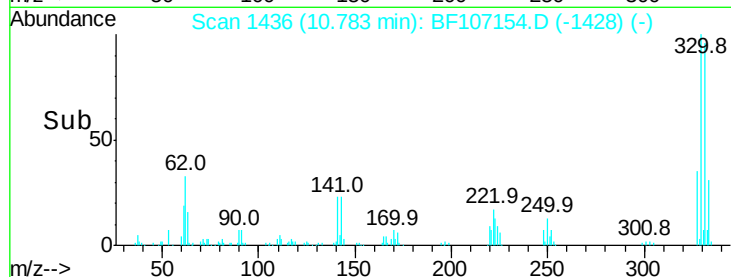
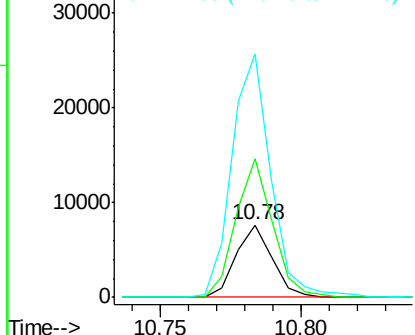
#66
4-Bromophenyl-phenylether
Concen: 3.516 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6801
Ion Ratio Lower Upper
248 100
250 190.6 76.9 115.3#
141 335.0 74.4 111.6#

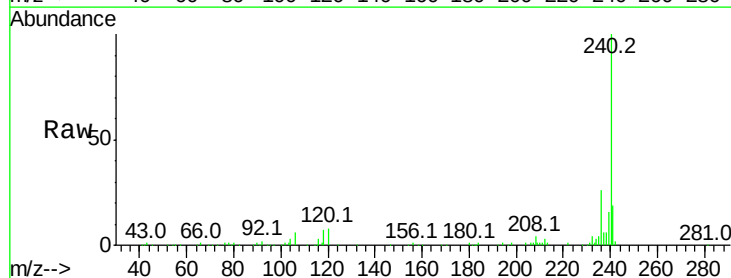


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

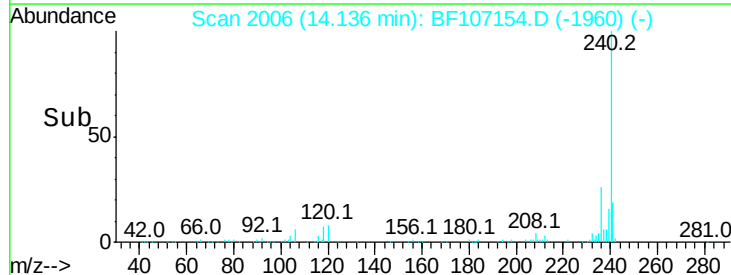
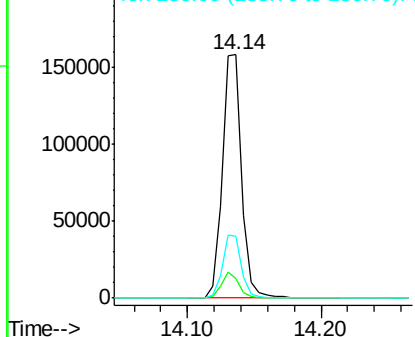


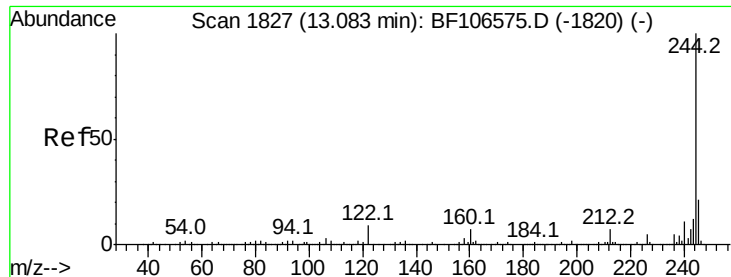
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107154.D
Acq: 6 Jul 2018 5:58

Tgt Ion:240 Resp: 160280
Ion Ratio Lower Upper
240 100
120 8.2 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

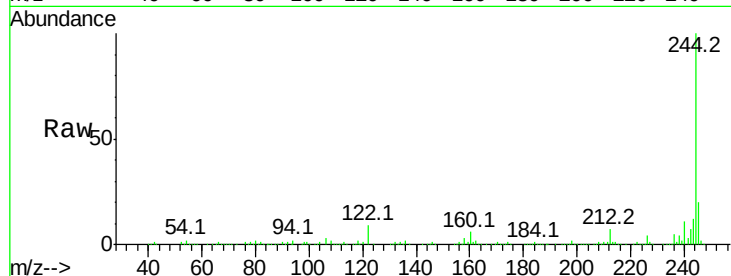




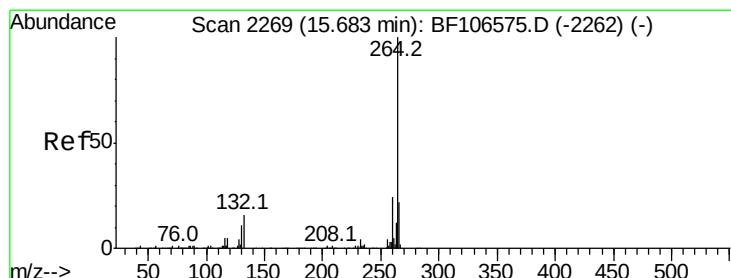
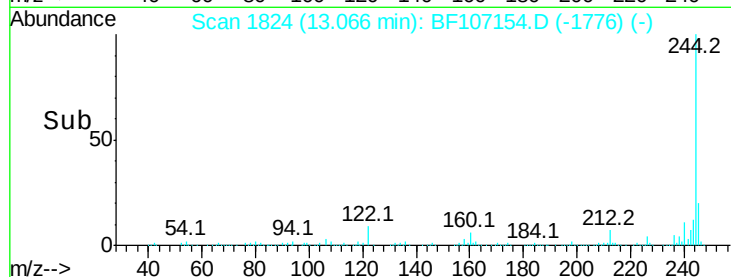
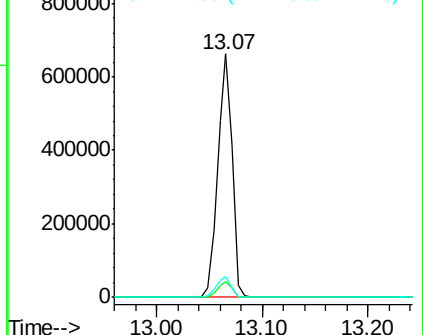
#78
 Terphenyl-d14
 Concen: 96.914 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 641267
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.8 11.0 16.4#

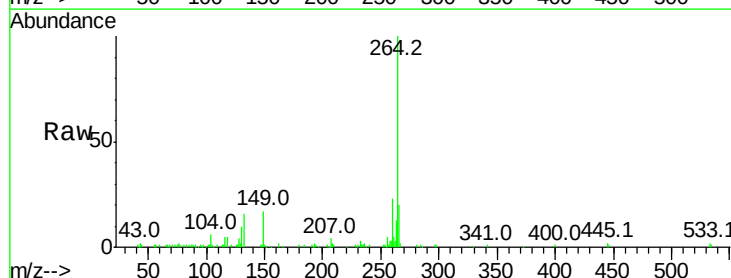


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107154.D
 Acq: 6 Jul 2018 5:58

Tgt Ion:264 Resp: 110591
 Ion Ratio Lower Upper
 264 100
 260 23.5 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

