

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104233.D
 Acq On : 4 Apr 2018 18:49
 Operator : JU/SJ
 Sample : J2169-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

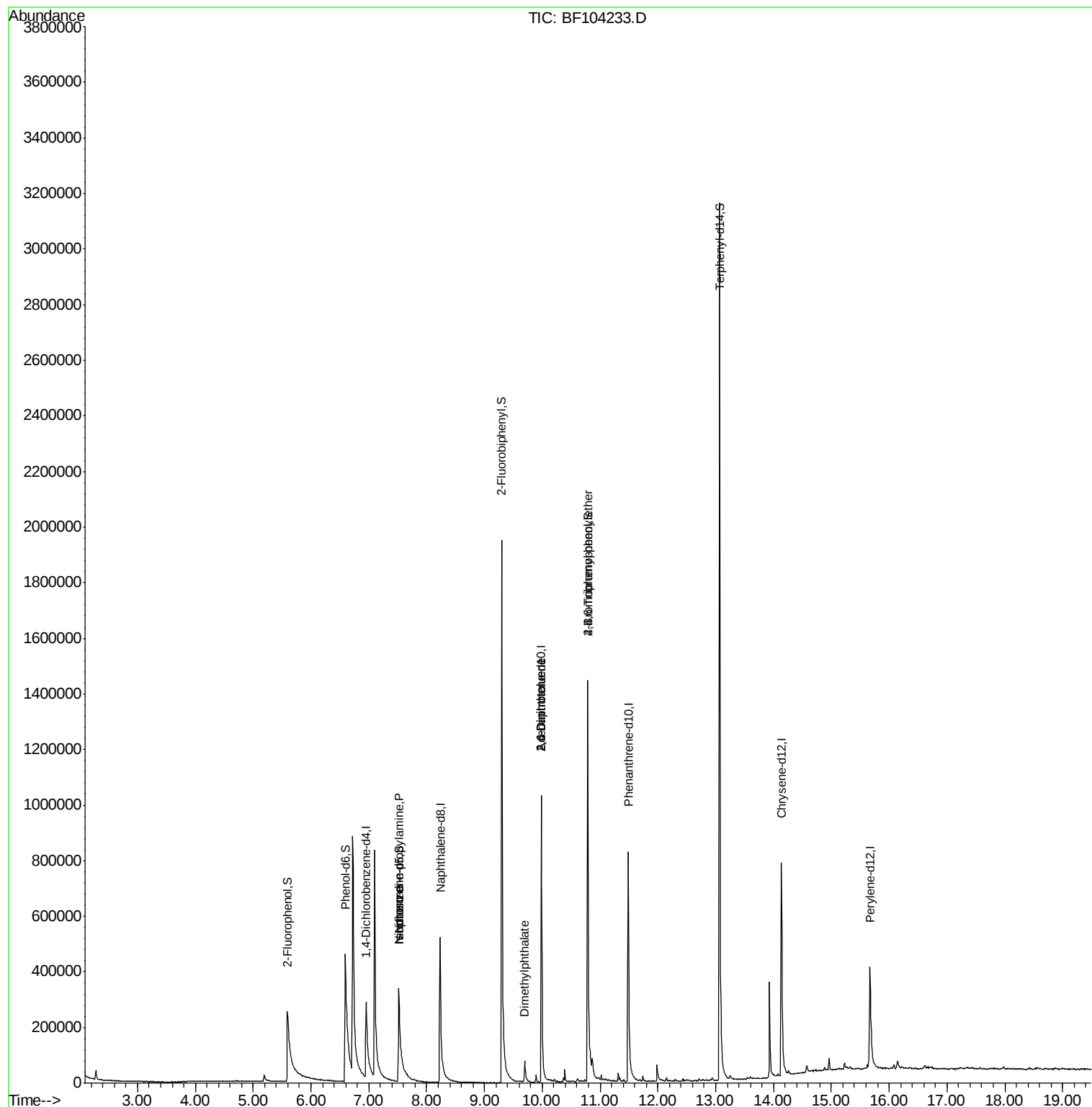
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	120319	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	567415	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271755	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	517619	20.00	ng	0.00
75) Chrysene-d12	14.14	240	397964	20.00	ng	0.00
86) Perylene-d12	15.67	264	279997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	378167	50.12	ng	0.00
7) Phenol-d6	6.59	99	620225	66.82	ng	-0.01
23) Nitrobenzene-d5	7.52	82	383123	41.29	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	294728	97.40	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	959588	55.68	ng	0.00
78) Terphenyl-d14	13.07	244	1443343	83.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	41017	7.446	ng	# 77
25) Isophorone	7.52	82	393090	22.989	ng	# 64
49) Dimethylphthalate	9.70	163	53571	2.497	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	33060	7.162	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	33750	5.730	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	17666	3.190	ng	# 1

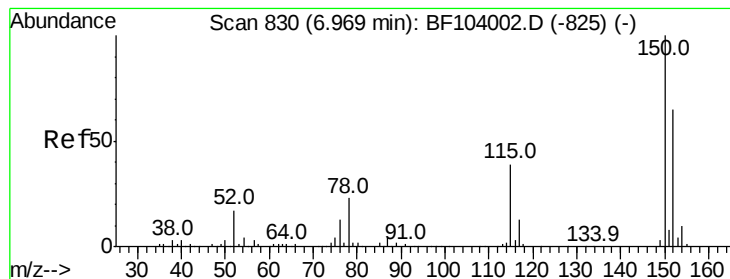
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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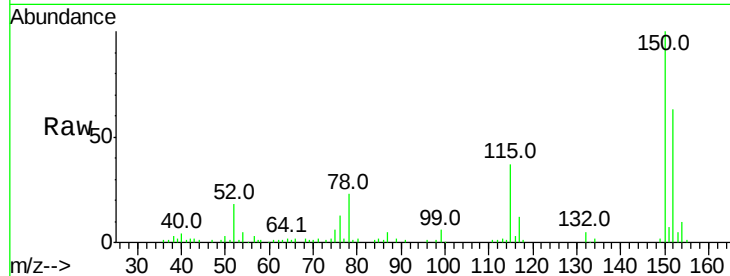


#1

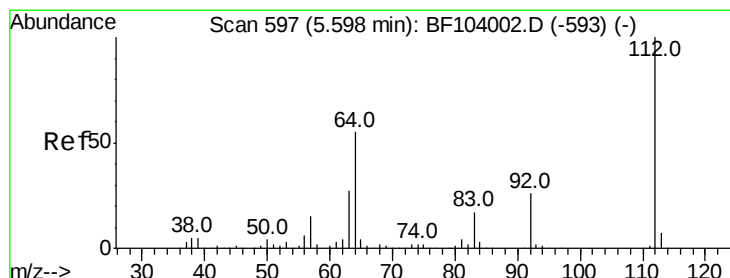
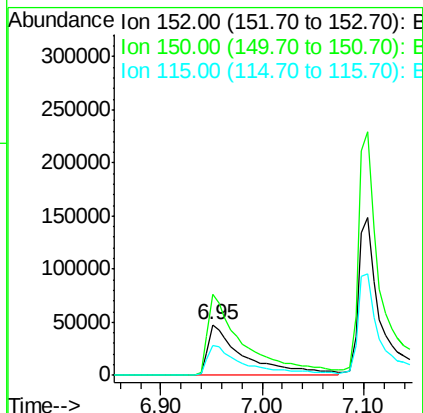
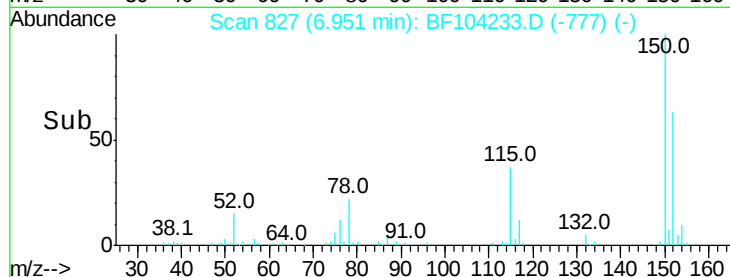
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104233.D
Acq: 4 Apr 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120319
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.7 50.1 75.1



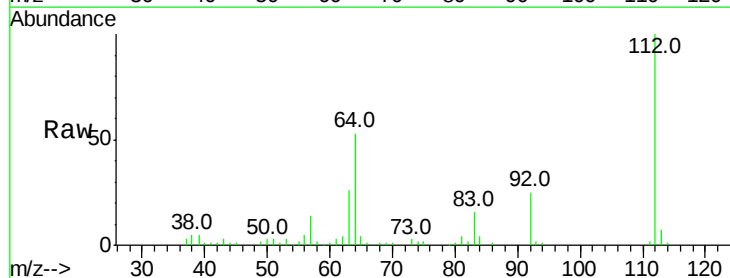
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



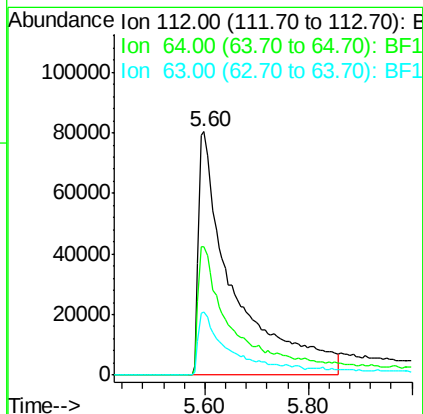
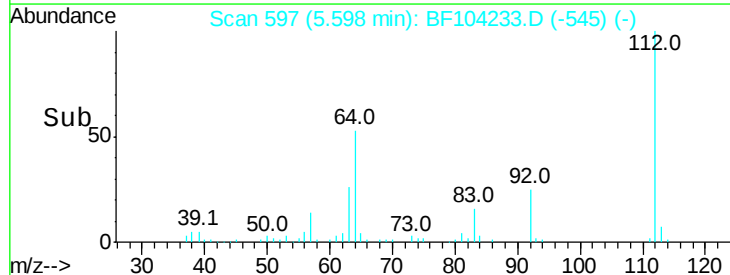
#5

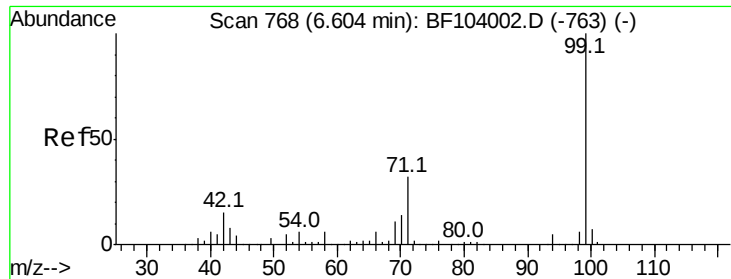
2-Fluorophenol
Concen: 50.123 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104233.D
Acq: 4 Apr 2018 18:49

Tgt Ion:112 Resp: 378167
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 25.9 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: 66.818 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampled :

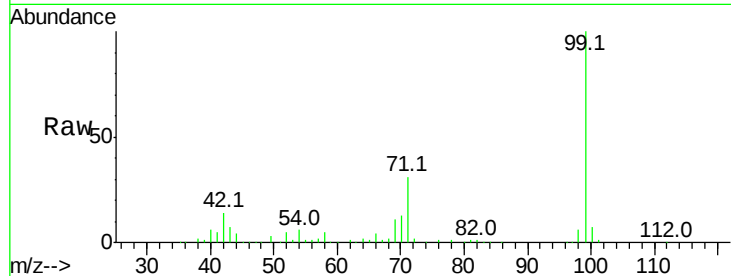
Tot Ion: 99 Resp: 620225

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

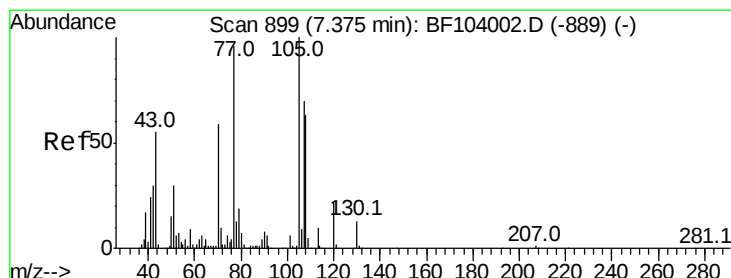
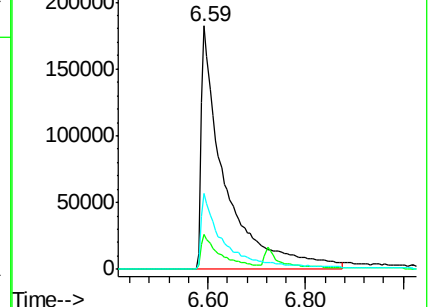
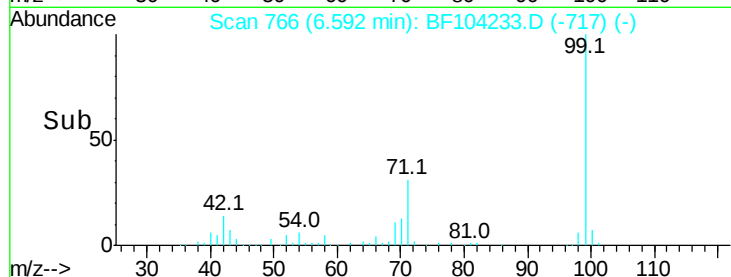
71 31.0 25.4 38.0



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: 7.446 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Tgt Ion: 70 Resp: 41017

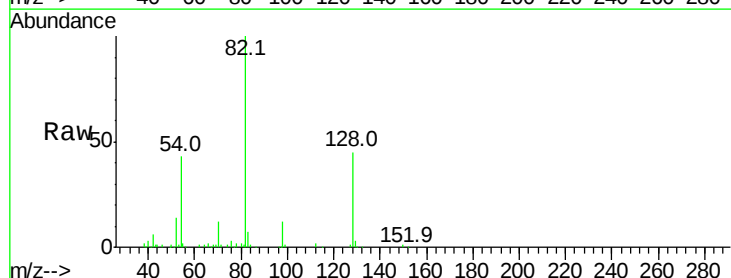
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

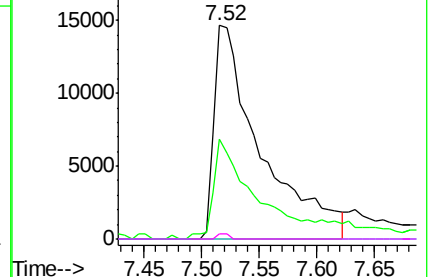
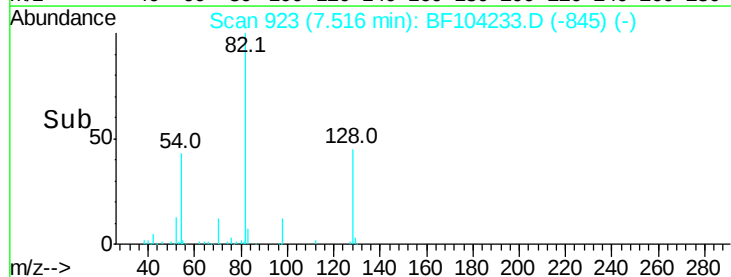


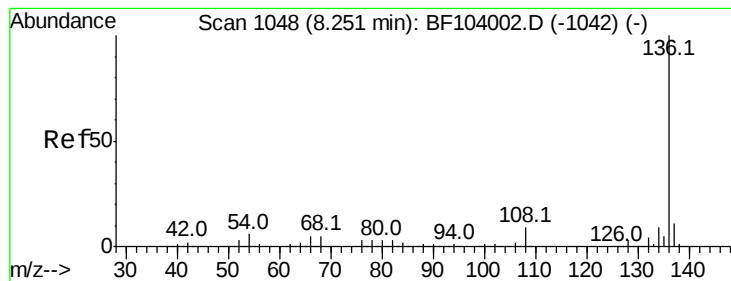
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1045

Delta R.T. -0.00 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 567415

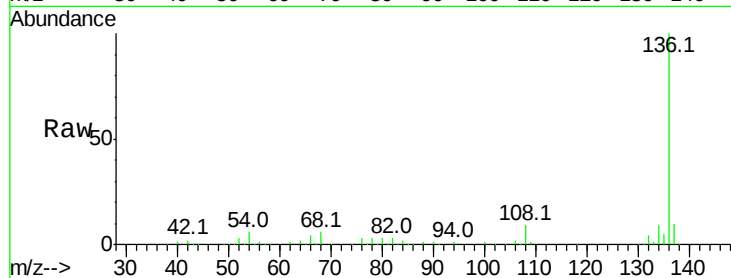
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.2 6.6 9.8#

68 6.0 5.0 7.4

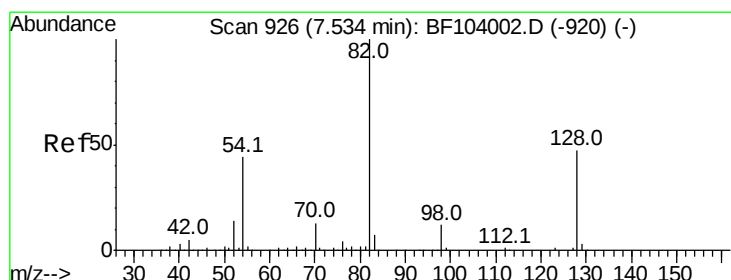
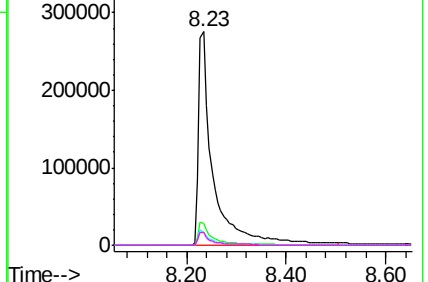
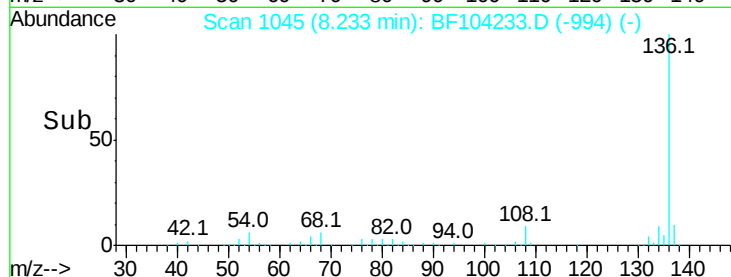


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.293 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

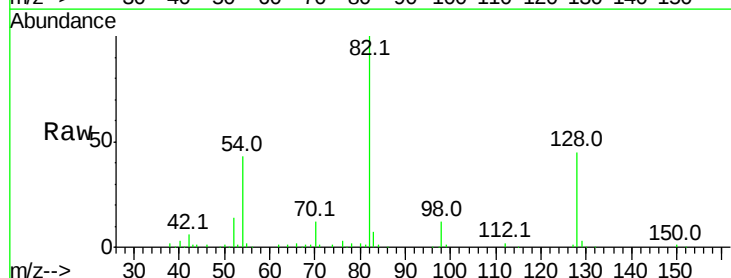
Tgt Ion: 82 Resp: 383123

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

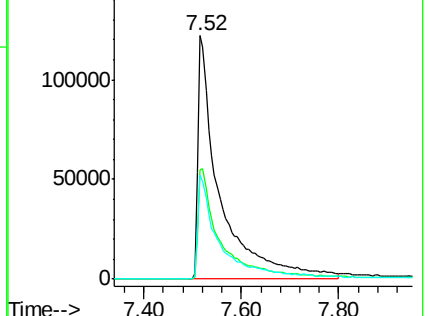
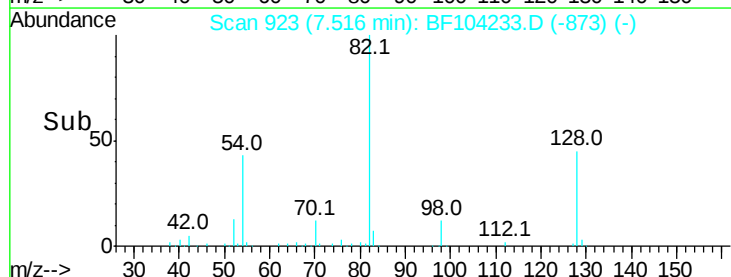
54 43.0 41.4 62.2

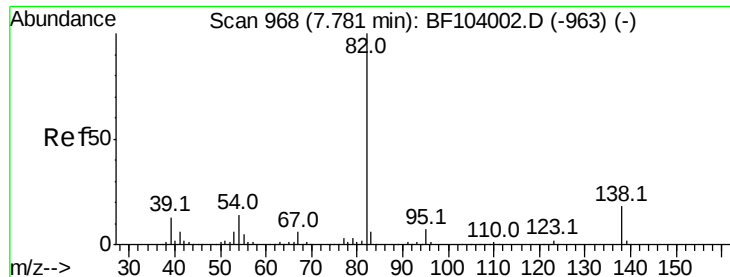


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

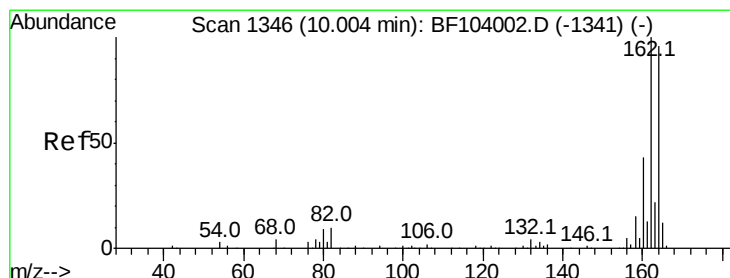
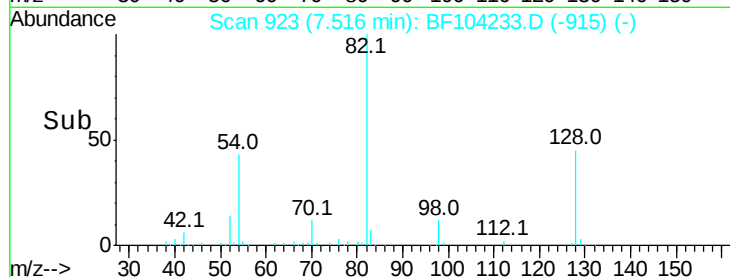
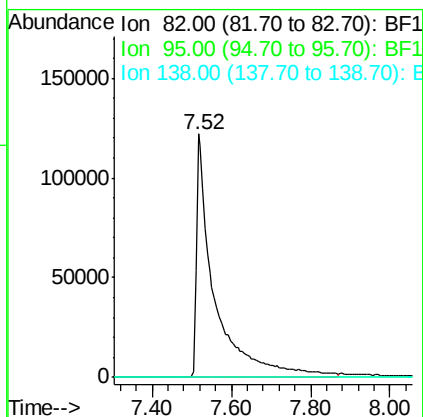
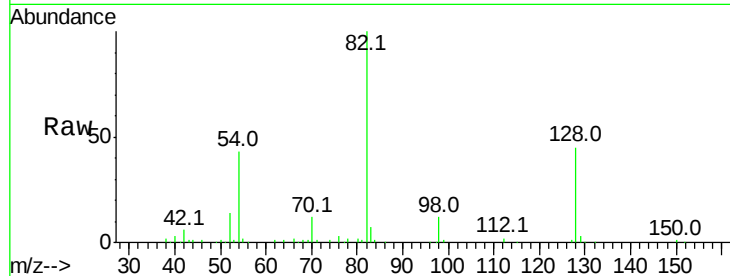




#25
Isophorone
Concen: 22.989 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104233.D
Acq: 4 Apr 2018 18:49

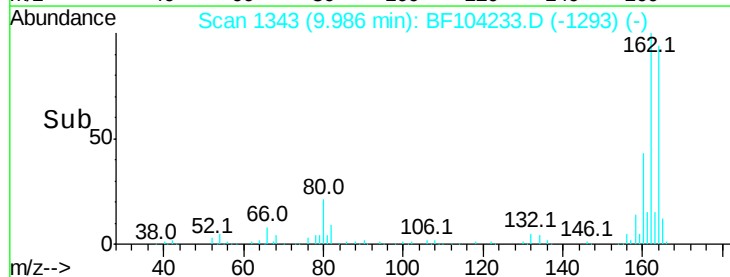
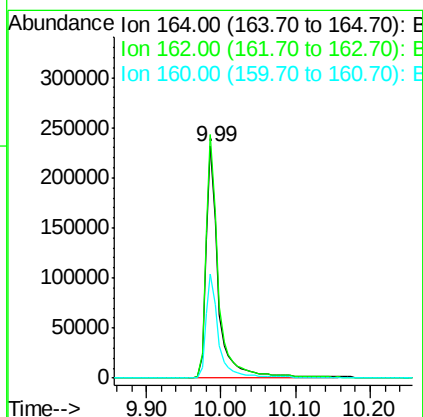
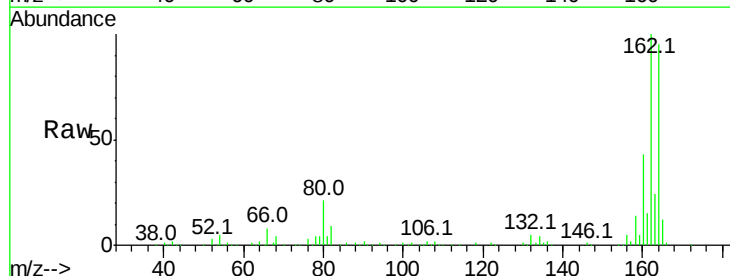
Instrument :
BNA_F
ClientSampleId :

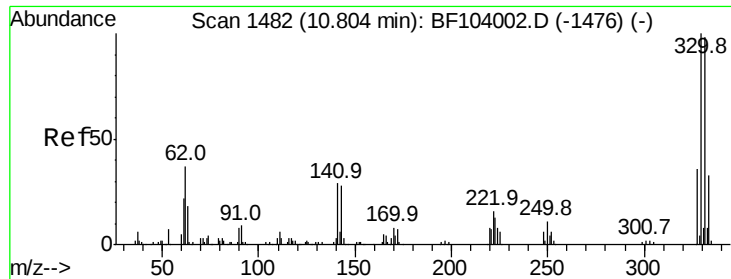
Tot Ion: 82 Resp: 393090
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104233.D
Acq: 4 Apr 2018 18:49

Tgt Ion:164 Resp: 271755
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 45.1 38.3 57.5

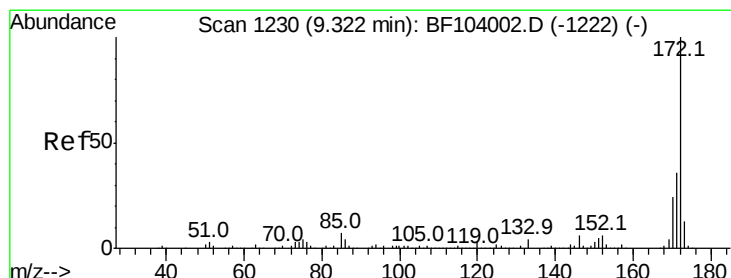
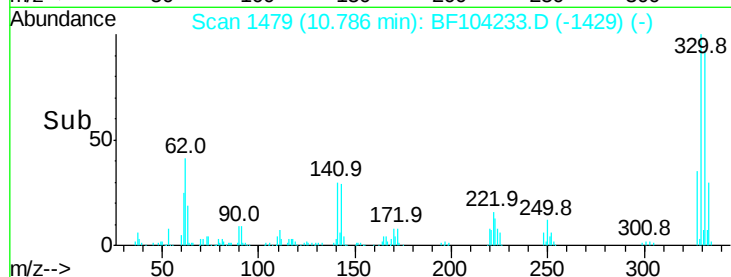
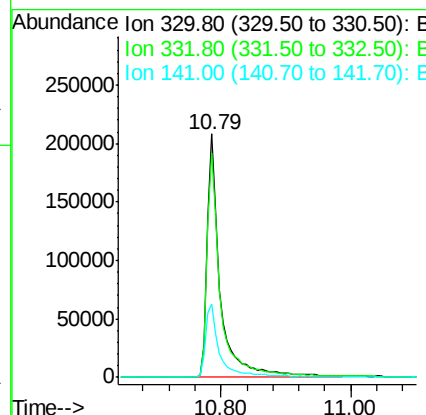
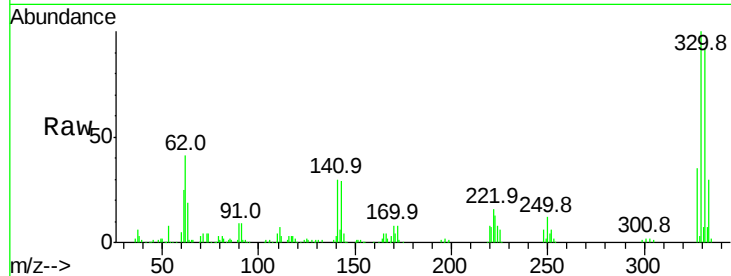




#41
 2,4,6-Tribromophenol
 Concen: 97.399 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

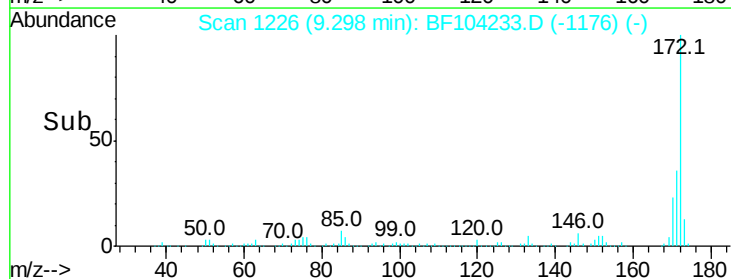
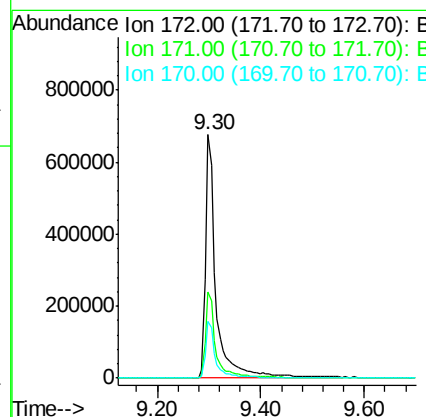
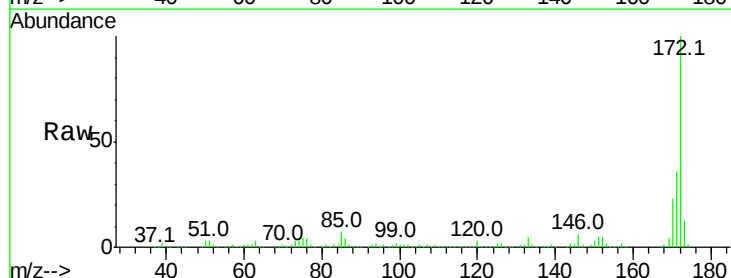
Instrument :
 BNA_F
 ClientSampled :

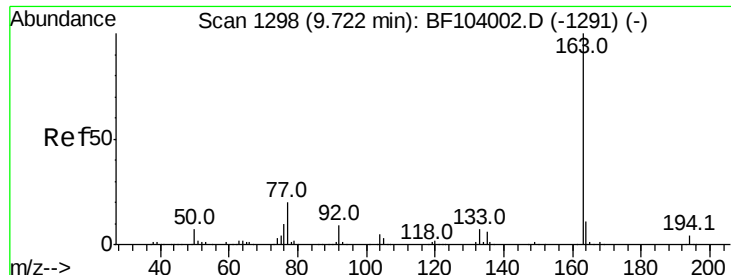
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	31.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 55.682 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.497 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

Instrument :

BNA_F

ClientSampled :

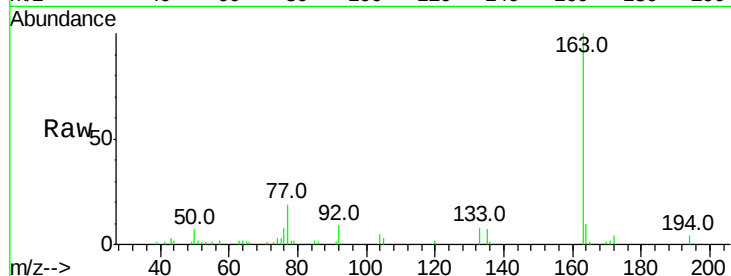
Tot Ion:163 Resp: 53571

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

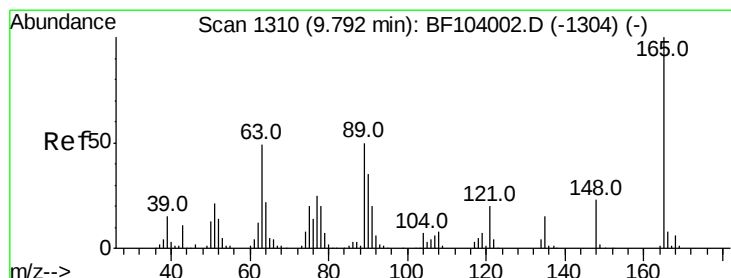
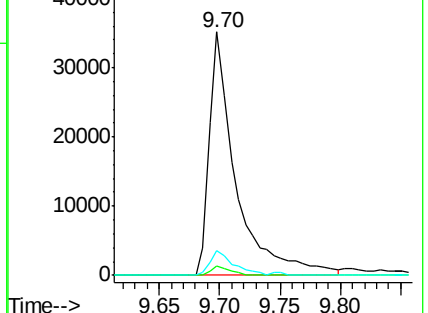
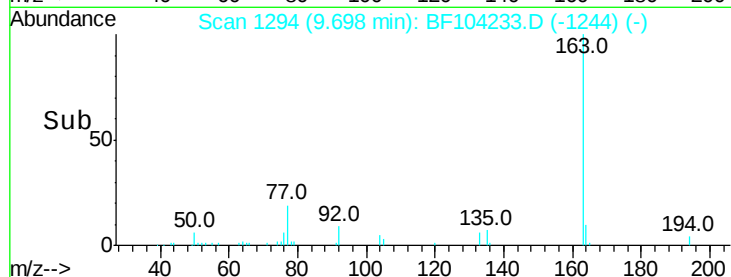
164 9.9 8.2 12.2



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: 7.162 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF104233.D

Acq: 4 Apr 2018 18:49

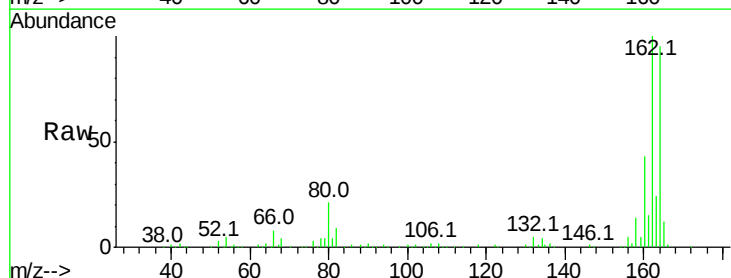
Tgt Ion:165 Resp: 33060

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

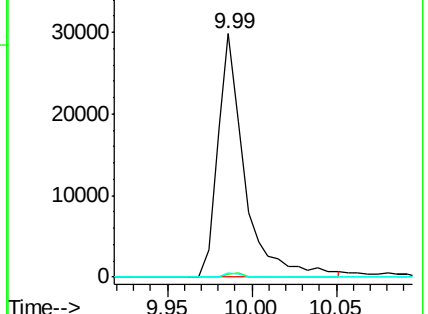
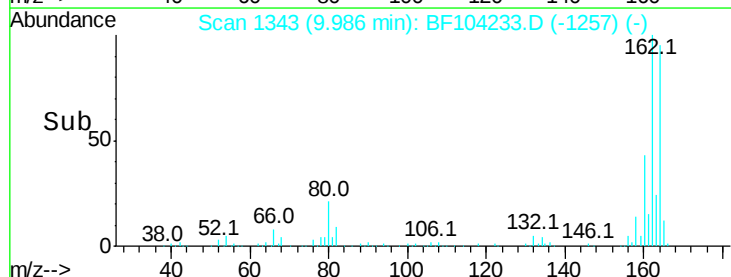
89 1.9 44.0 66.0#

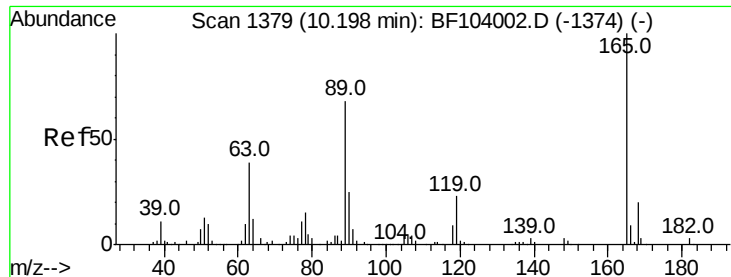


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

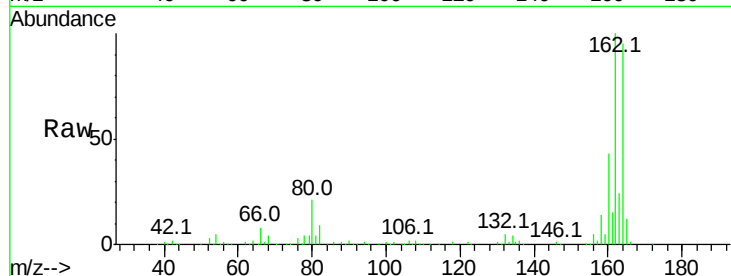




#56
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	33750	
Ion Ratio	Lower	Upper	
165 100			
63 1.1	36.4	54.6#	
89 1.9	57.8	86.6#	
182 0.0	1.6	2.4#	

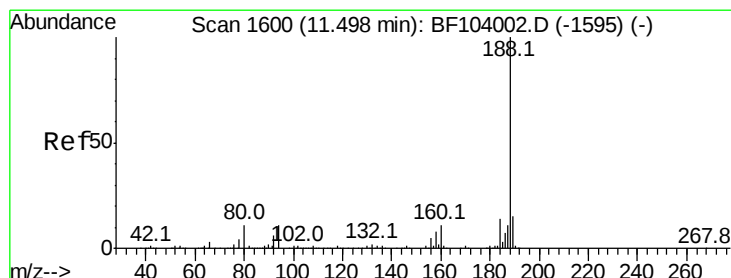
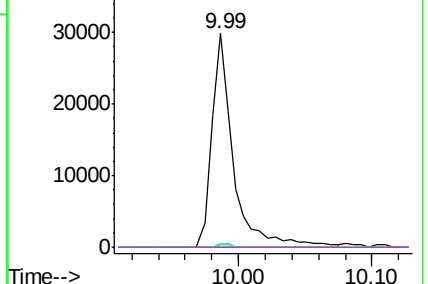
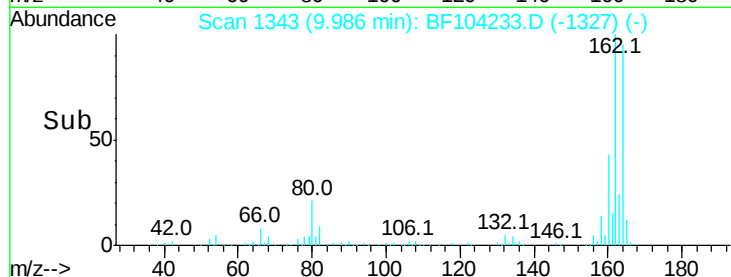


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

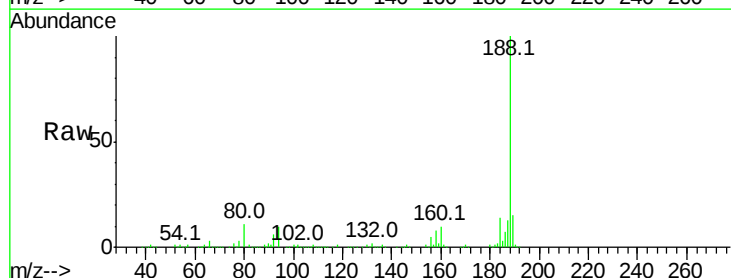
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

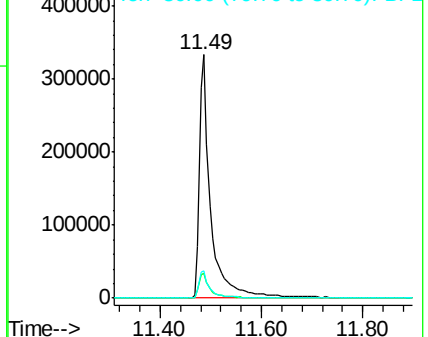
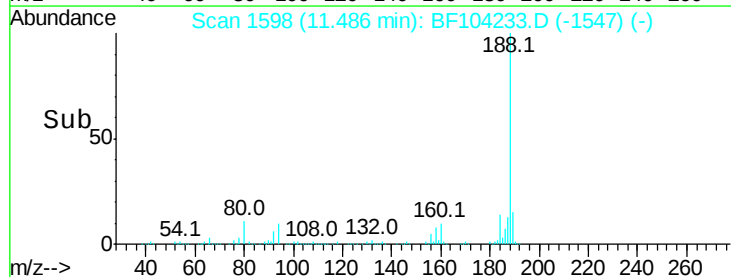
Tgt	Ion:188	Resp:	517619
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

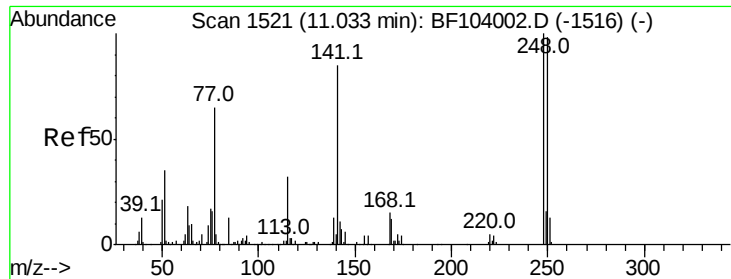


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

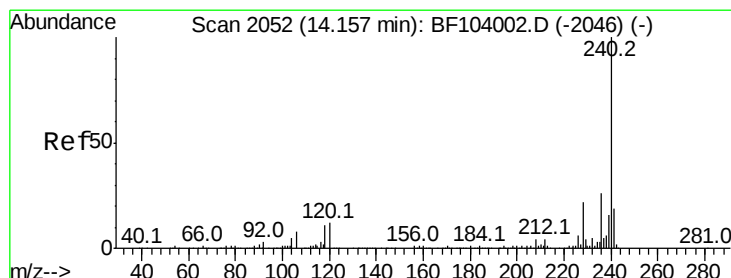
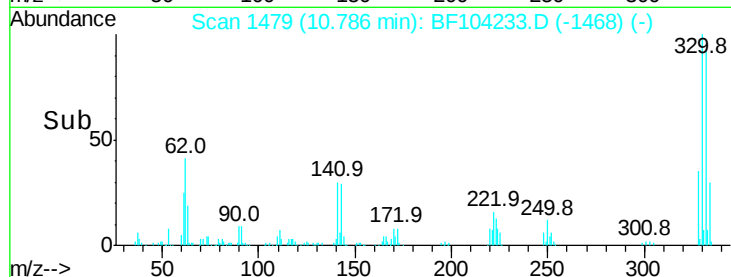
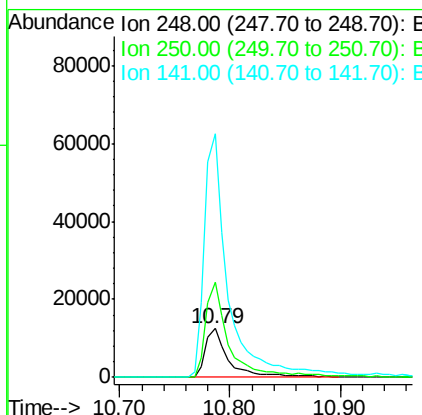
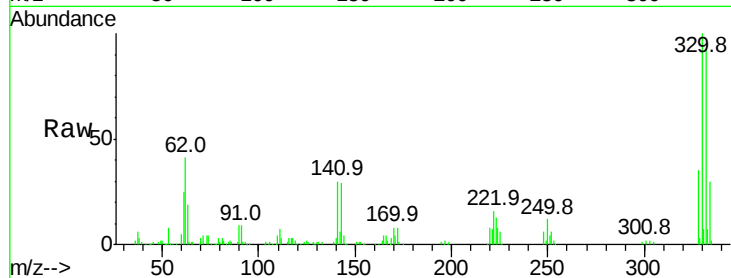




#66
 4-Bromophenyl-phenylether
 Concen: 3.190 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

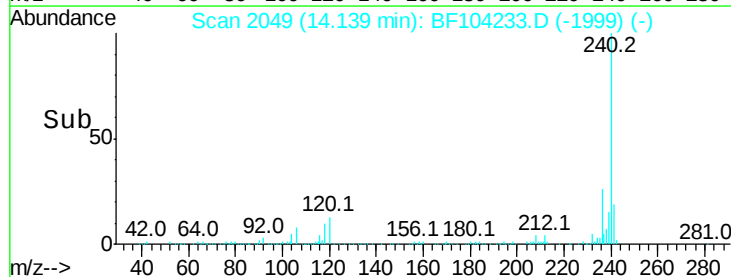
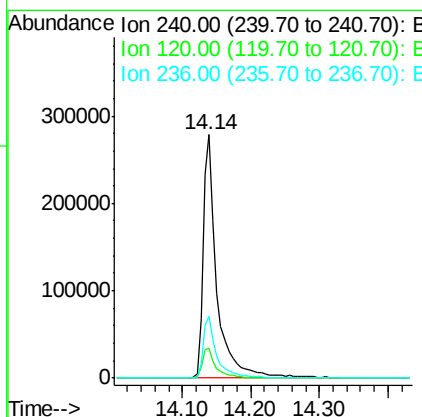
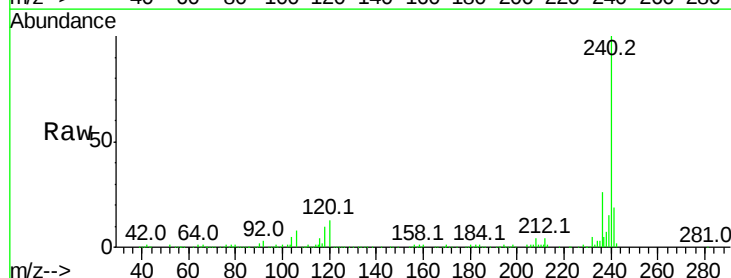
Instrument :
 BNA_F
 ClientSampleId :

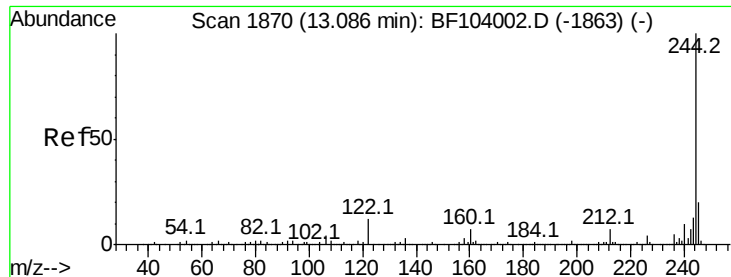
Tot Ion:248 Resp: 17666
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 497.9 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion:240 Resp: 397964
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.6 20.7 31.1

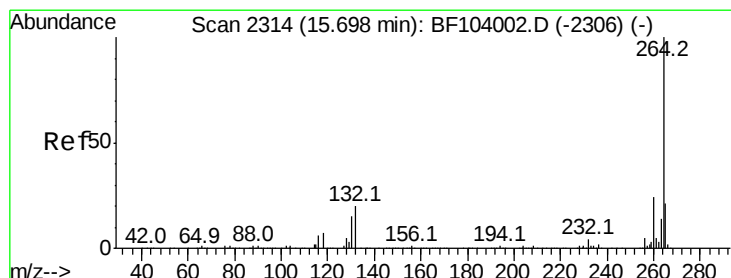
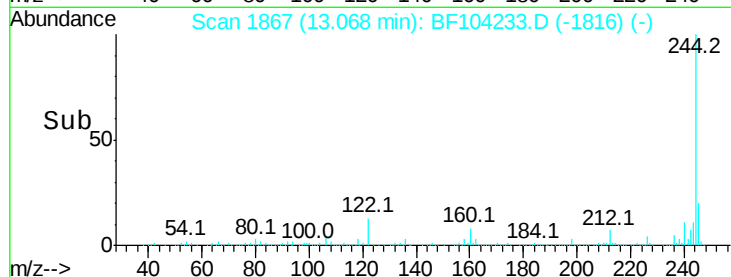
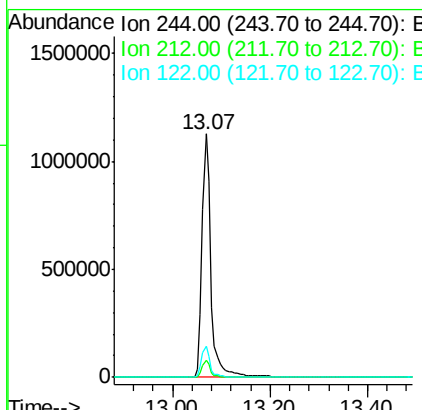
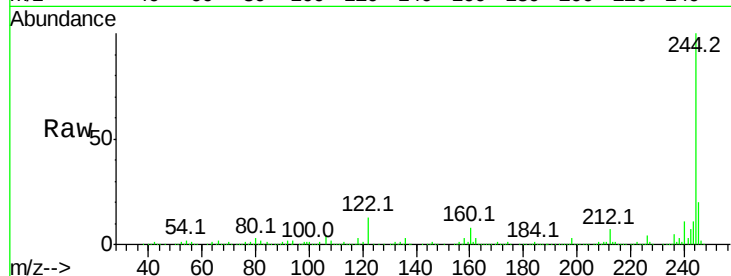




#78
 Terphenyl-d14
 Concen: 83.742 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1443343
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104233.D
 Acq: 4 Apr 2018 18:49

Tgt Ion:264 Resp: 279997
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.7 17.5 26.3

