

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104100.D
 Acq On : 30 Mar 2018 18:41
 Operator : JU/SJ
 Sample : J2146-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:07:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

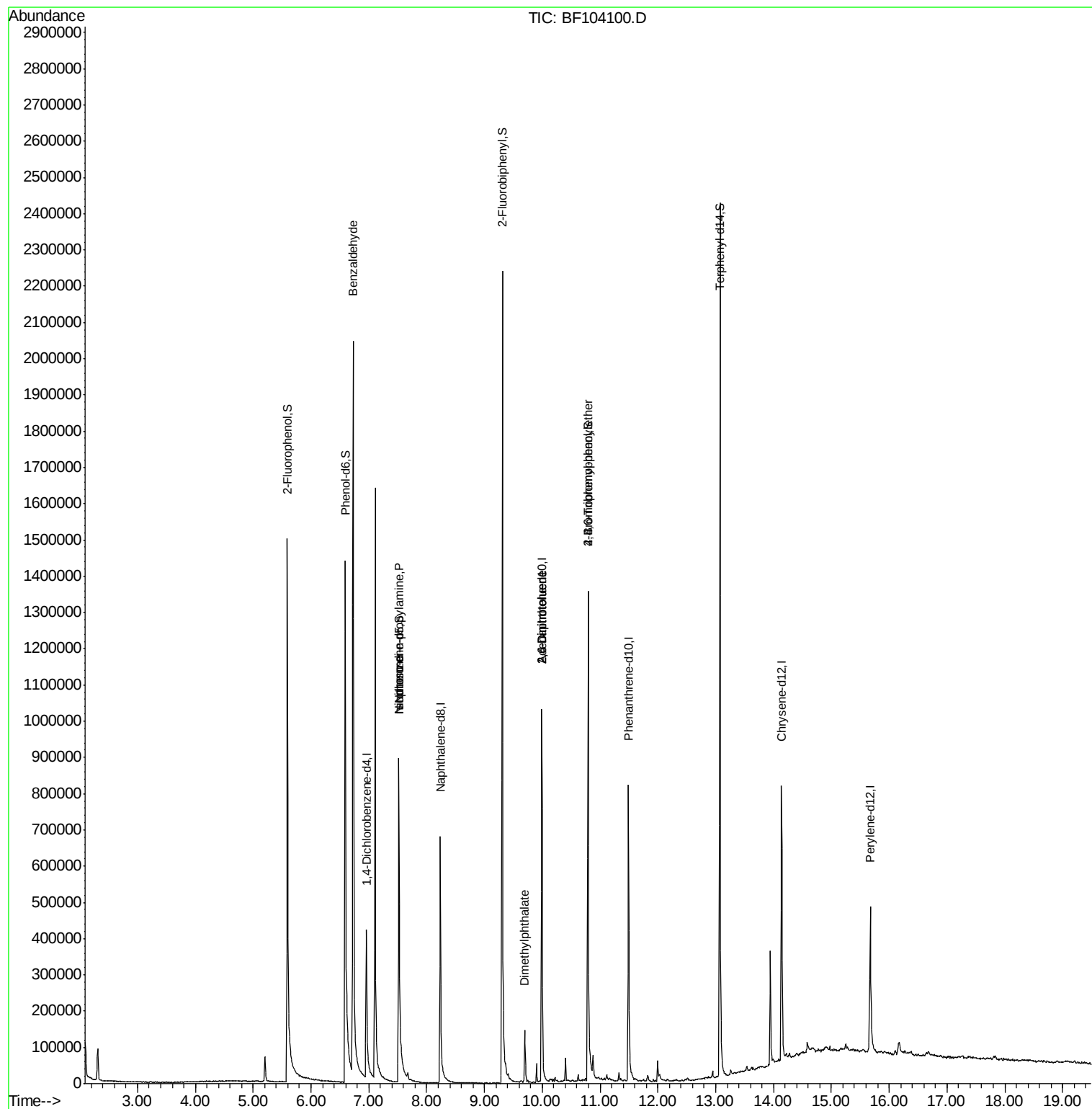
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112693	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	485905	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	234556	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	432892	20.00	ng	0.00
75) Chrysene-d12	14.14	240	313684	20.00	ng	0.00
86) Perylene-d12	15.67	264	241265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	685140	96.96	ng	0.01
7) Phenol-d6	6.59	99	900020	103.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	547405	68.90	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	246179	94.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	943247	63.41	ng	0.00
78) Terphenyl-d14	13.07	244	940578	69.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	14626	2.050	ng	91
19) n-Nitroso-di-n-propylamine	7.52	70	66270	12.844	ng	# 71
25) Isophorone	7.52	82	547405	37.384	ng	# 64
49) Dimethylphthalate	9.70	163	71381	3.854	ng	99
50) 2,6-Dinitrotoluene	9.99	165	28355	7.117	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	28792	5.663	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	14840	3.204	ng	# 1

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

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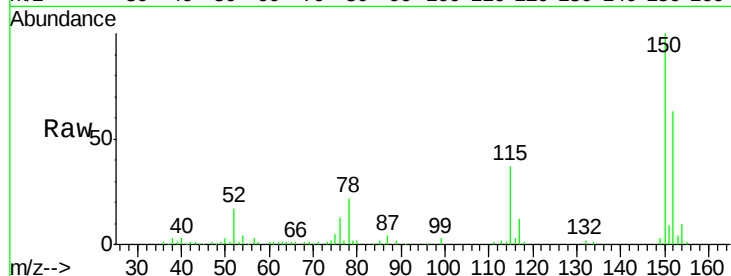


#1

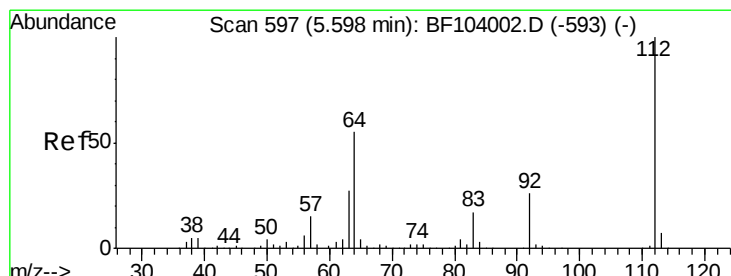
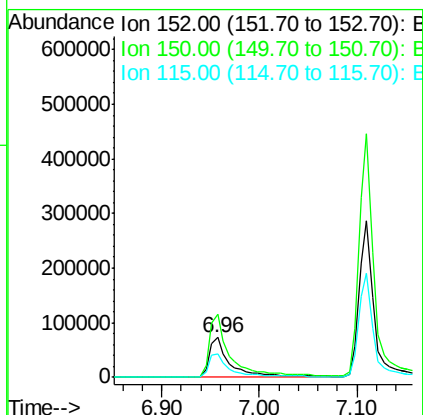
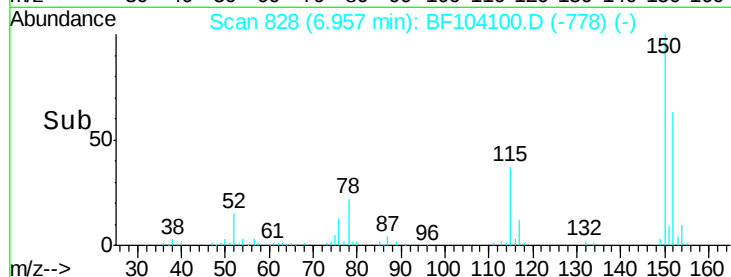
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112693
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.7 50.1 75.1



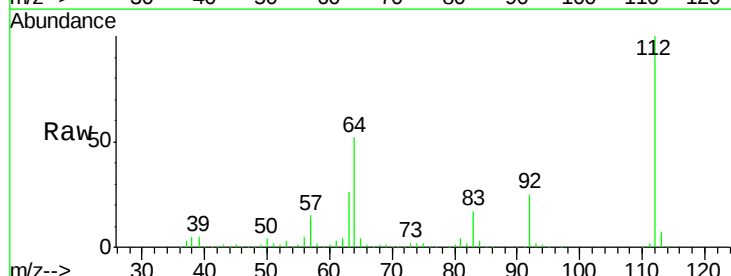
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



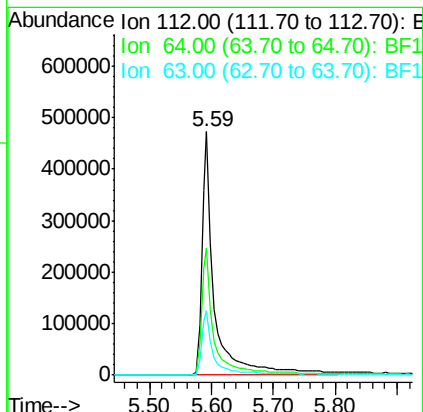
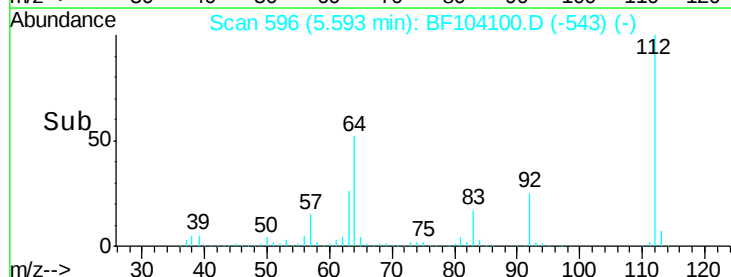
#5

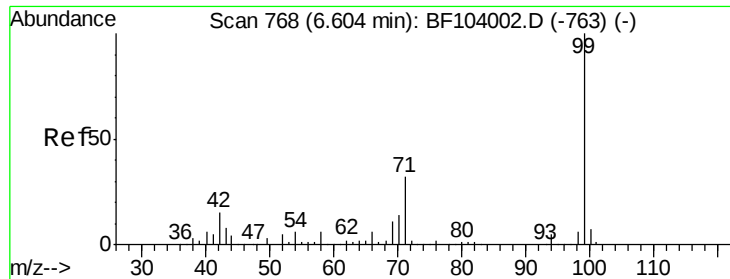
2-Fluorophenol
Concen: 96.956 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Tgt Ion:112 Resp: 685140
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 26.2 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: 103.523 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

Instrument :

BNA_F

ClientSampleId :

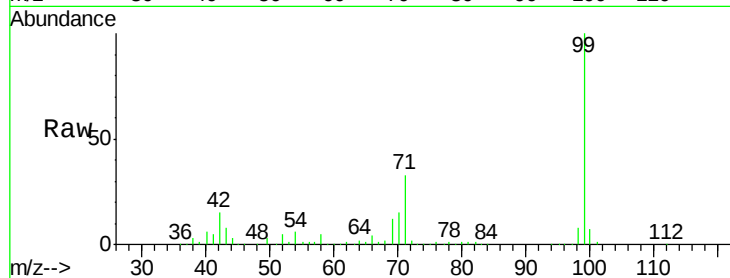
Tot Ion: 99 Resp: 900020

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

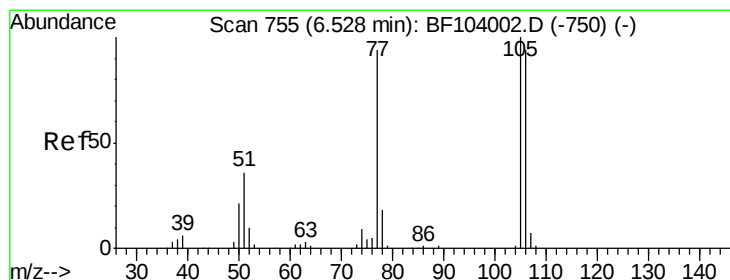
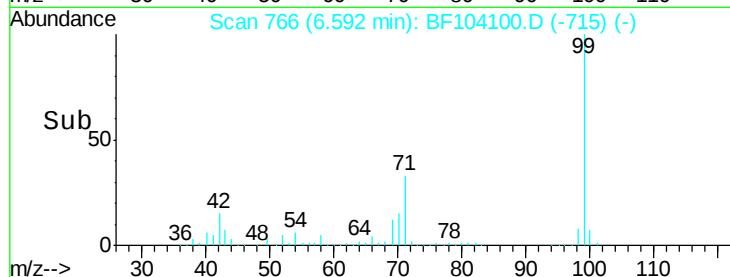
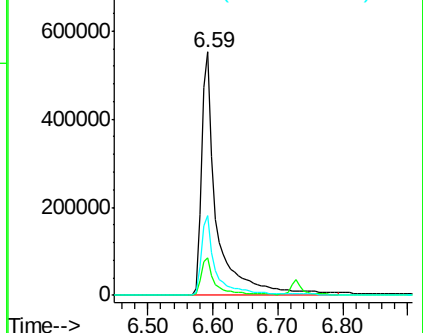
71 33.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.050 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

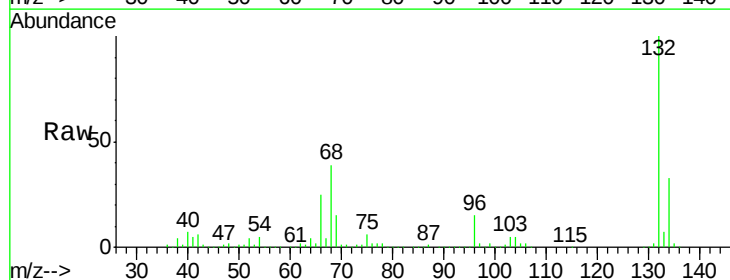
Tgt Ion: 77 Resp: 14626

Ion Ratio Lower Upper

77 100

105 91.8 81.1 121.1

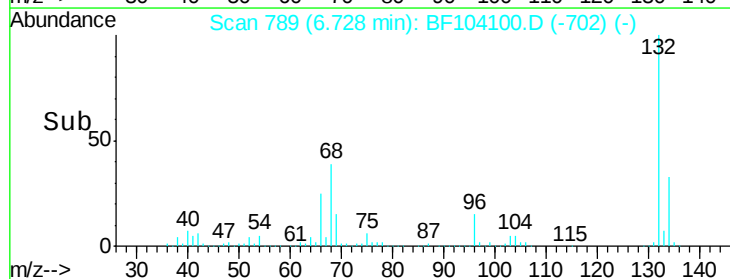
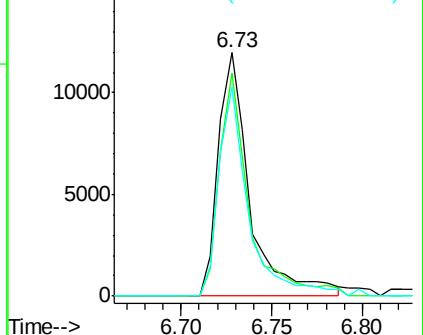
106 86.0 74.5 114.5

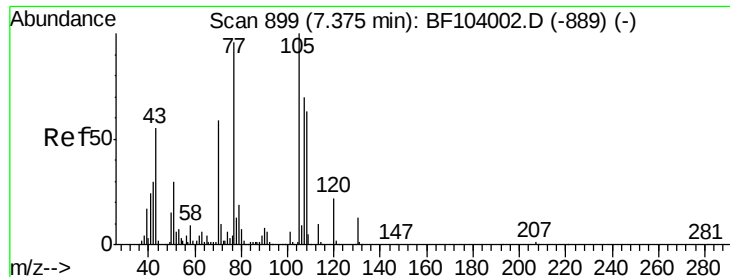


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

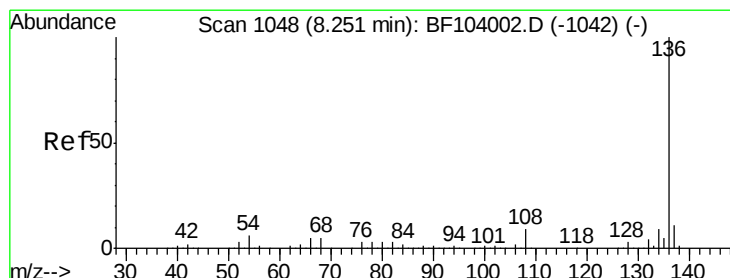
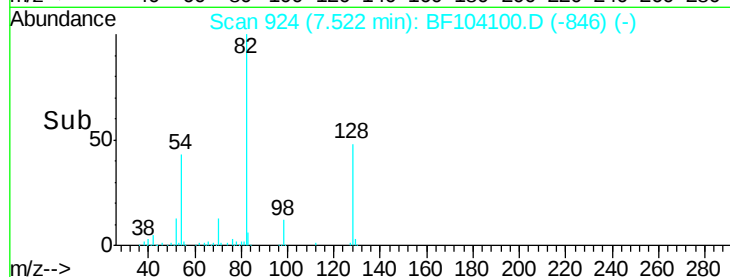
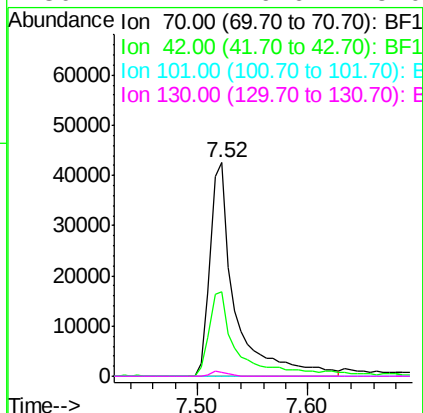
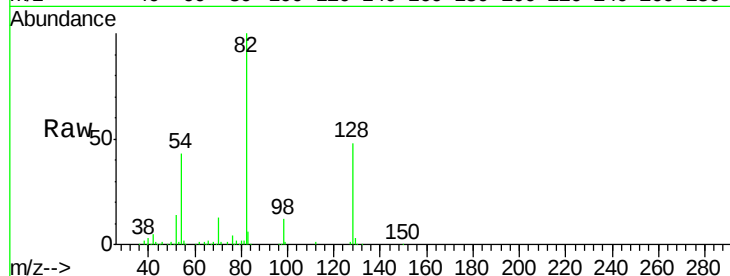




#19
n-Nitroso-di-n-propylamine
Concen: 12.844 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

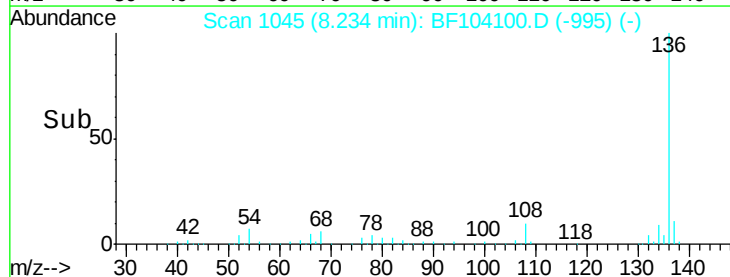
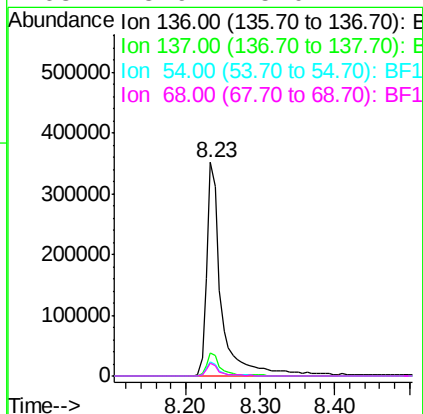
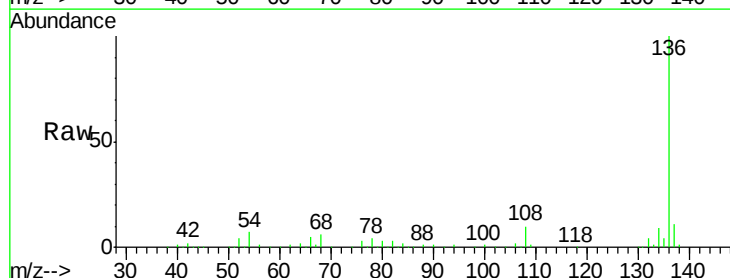
Instrument :
BNA_F
ClientSampleId :

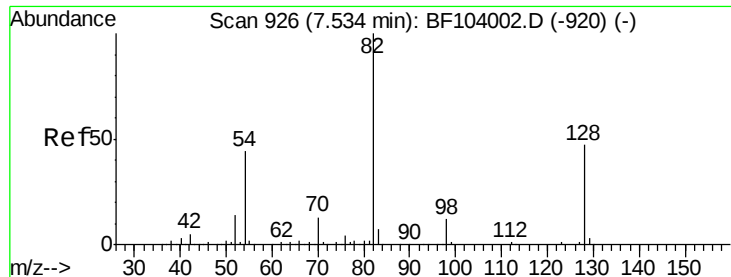
Tot Ion: 70 Resp: 66270
Ion Ratio Lower Upper
70 100
42 39.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Tgt Ion:136 Resp: 485905
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

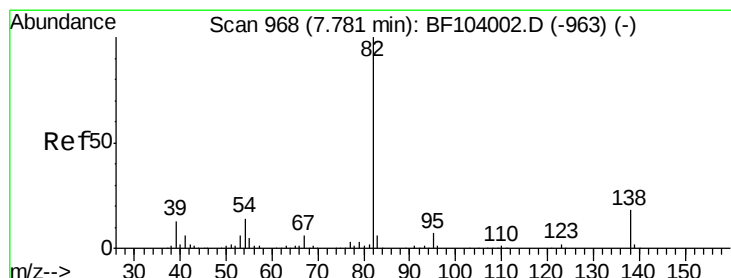
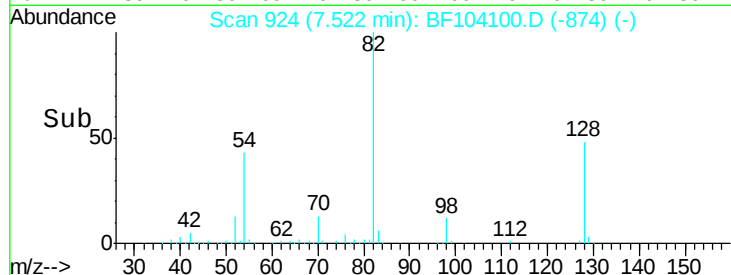
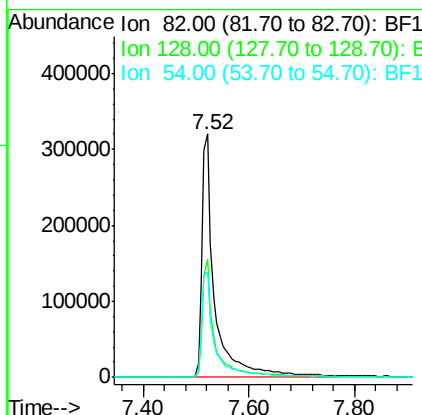
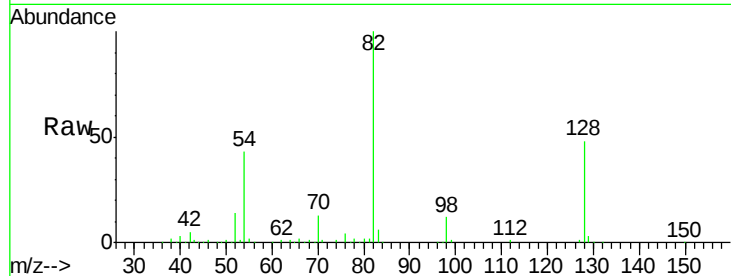




#23
 Nitrobenzene-d5
 Concen: 68.896 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104100.D
 Acq: 30 Mar 2018 18:41

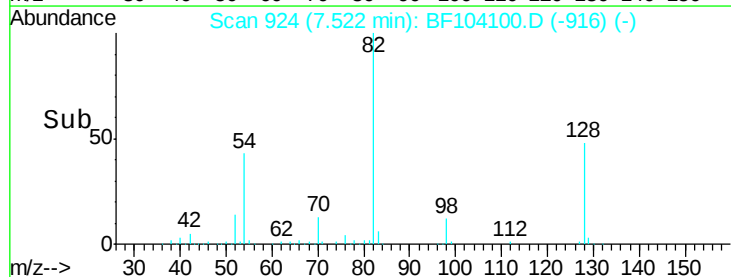
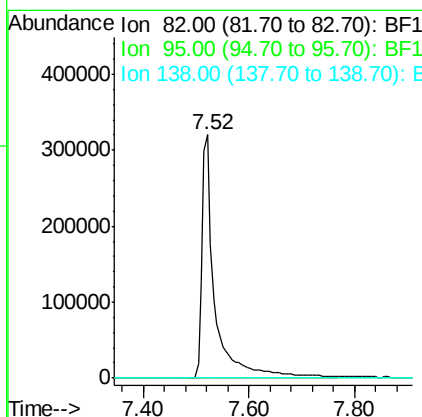
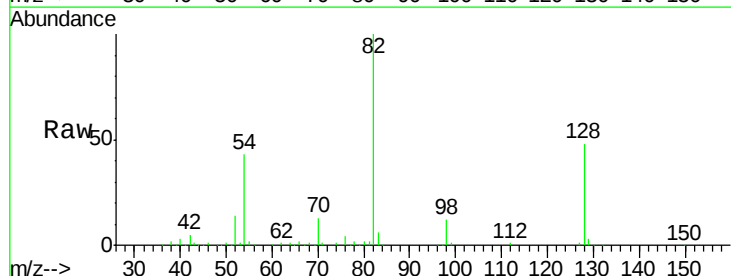
Instrument :
 BNA_F
 ClientSampleId :

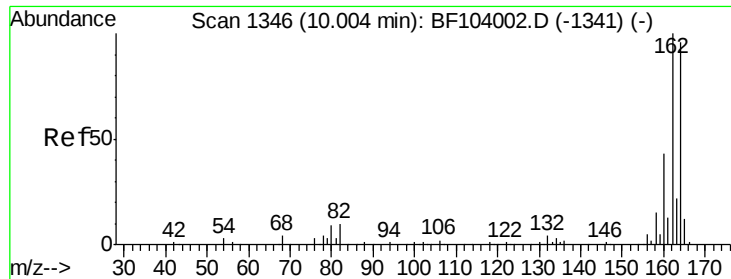
Tot Ion	82	Resp	547405
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	43.1	41.4	62.2



#25
 Isophorone
 Concen: 37.384 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF104100.D
 Acq: 30 Mar 2018 18:41

Tgt Ion	82	Resp	547405
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

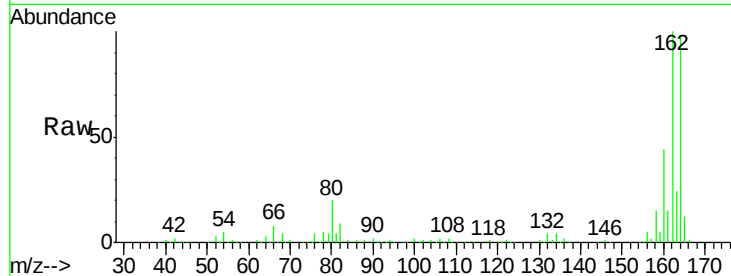




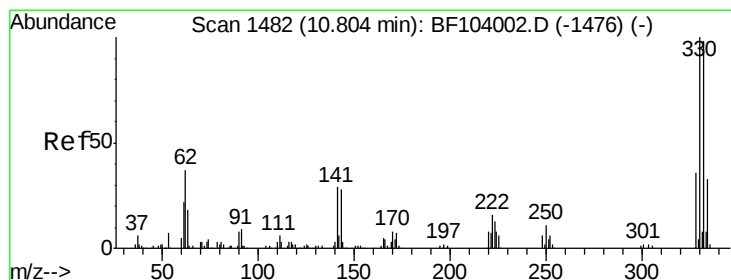
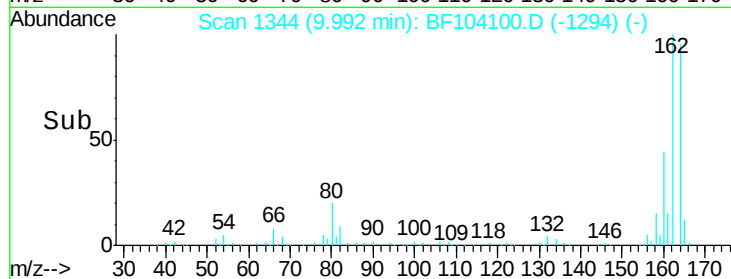
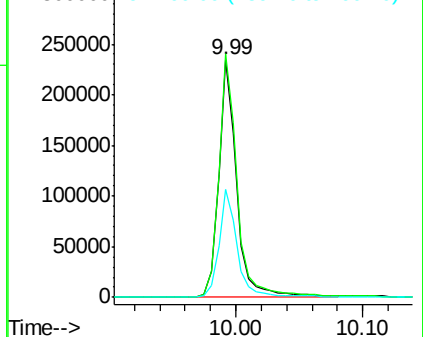
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 234556
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.5 38.3 57.5

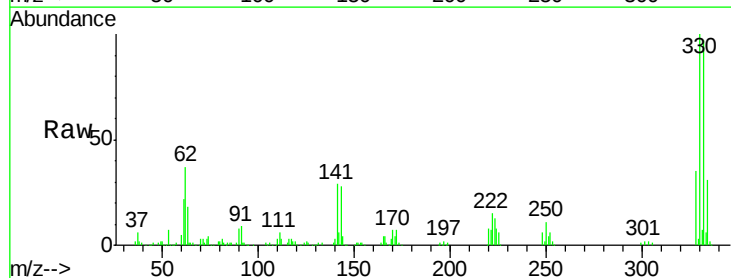


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

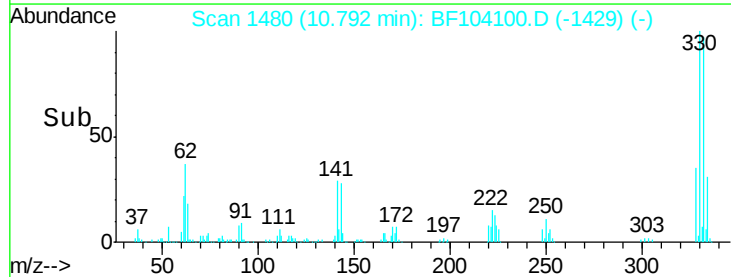
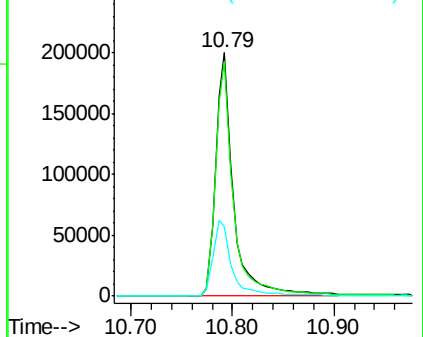


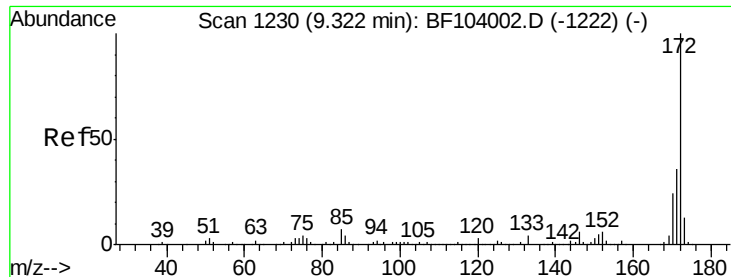
#41
2,4,6-Tribromophenol
Concen: 94.257 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Tgt Ion:330 Resp: 246179
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 33.4 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

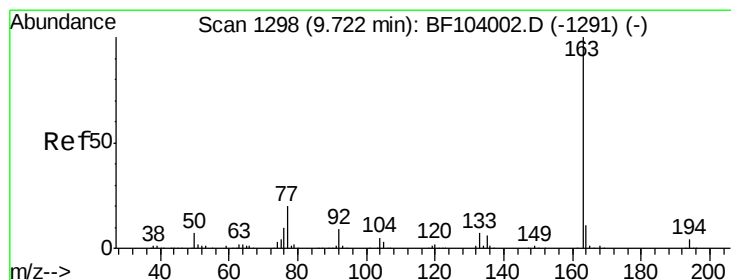
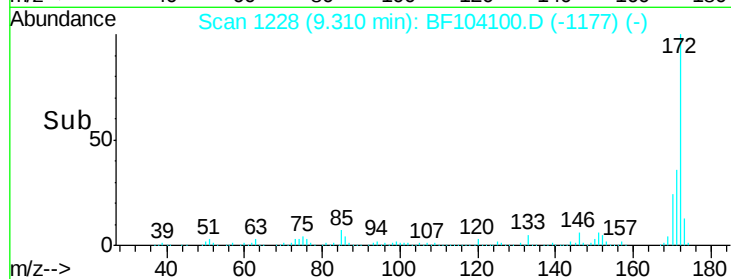
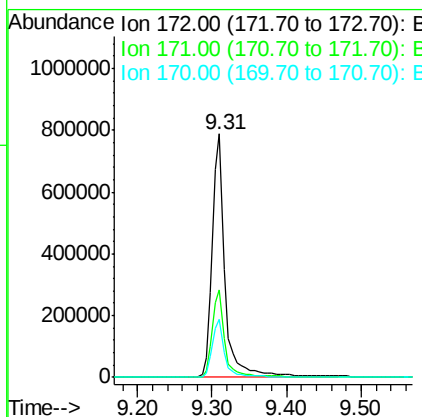
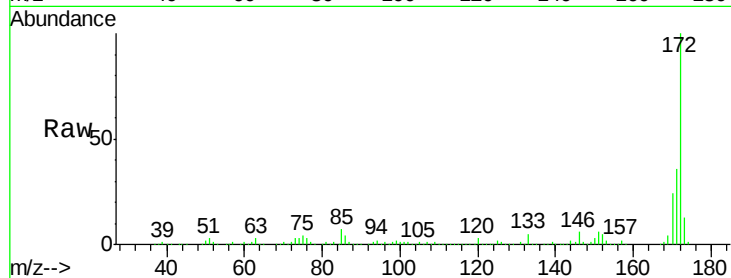




#44
2-Fluorobiphenyl
Concen: 63.414 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

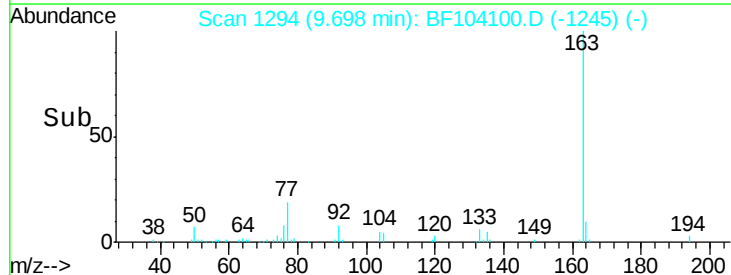
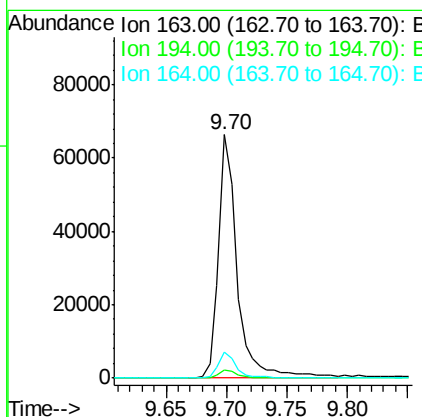
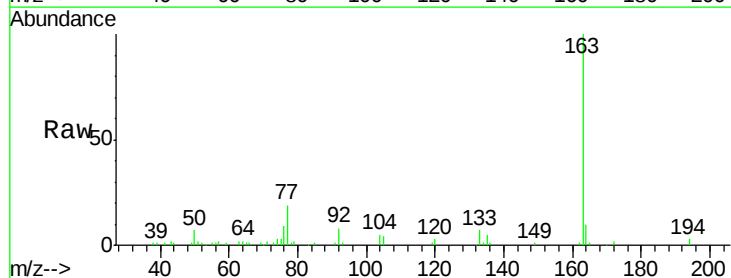
Instrument :
BNA_F
ClientSampled :

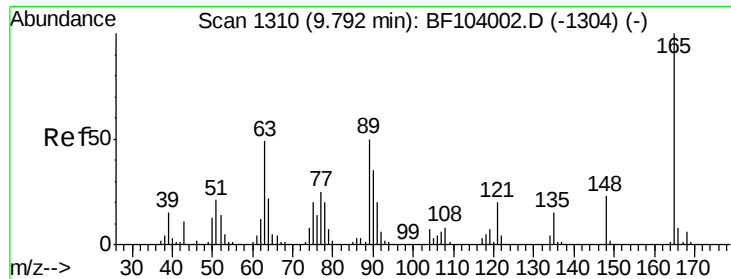
Tot Ion:172 Resp: 943247
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 3.854 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Tgt Ion:163 Resp: 71381
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

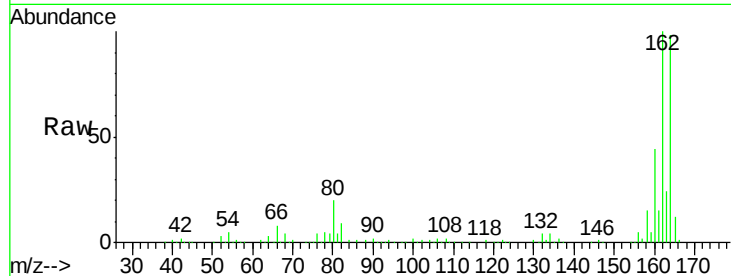




#50
 2,6-Dinitrotoluene
 Concen: 7.117 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104100.D
 Acq: 30 Mar 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :

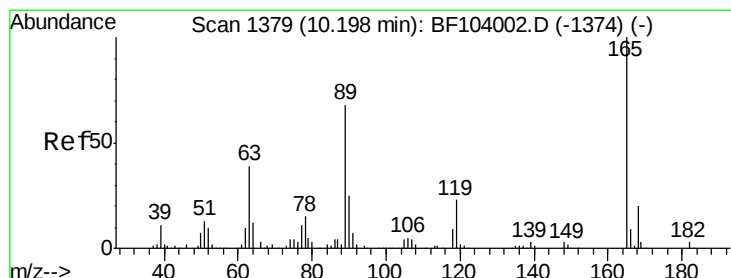
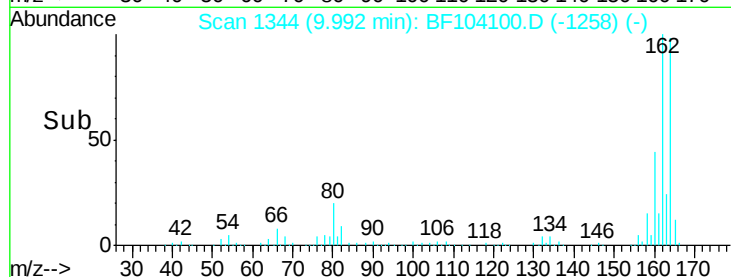
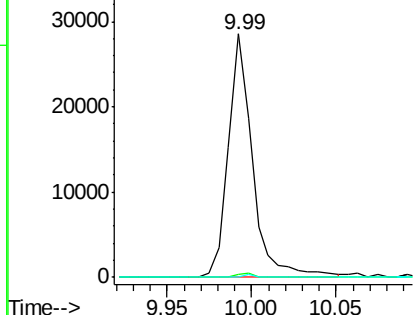
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.663 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF104100.D
 Acq: 30 Mar 2018 18:41

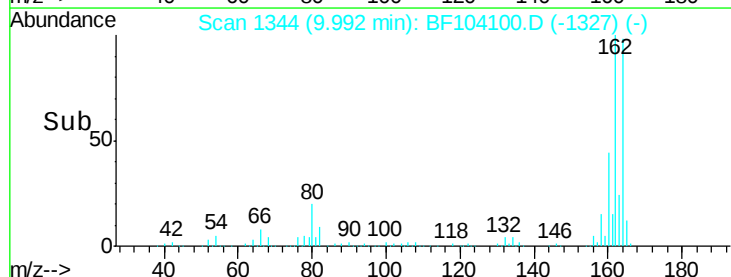
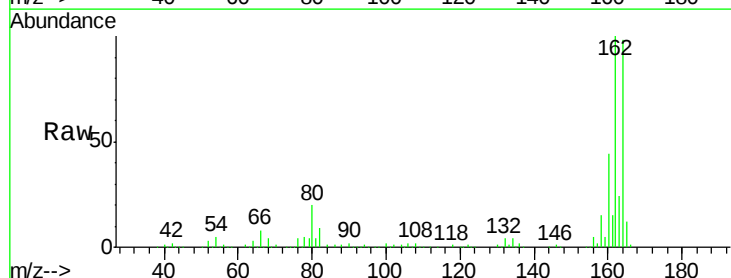
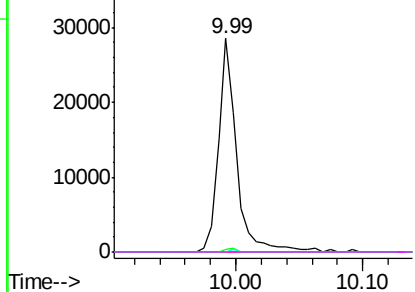
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

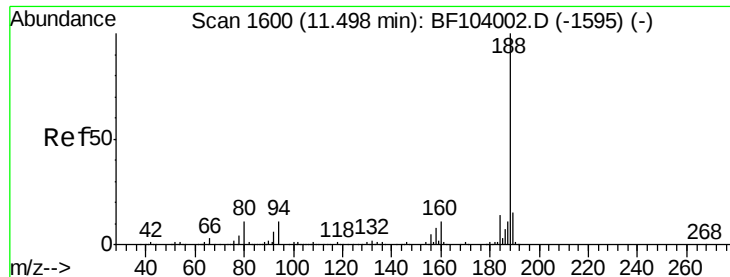
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1599

Delta R.T. 0.00 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

Instrument :

BNA_F

ClientSampleId :

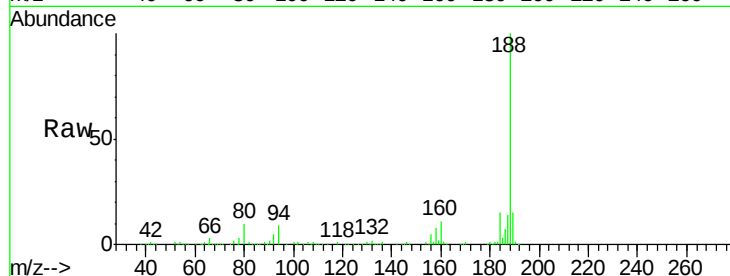
Tot Ion:188 Resp: 432892

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

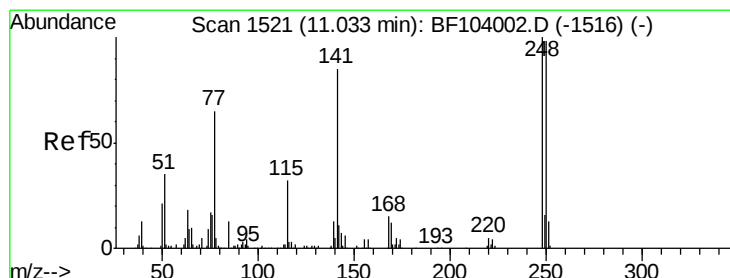
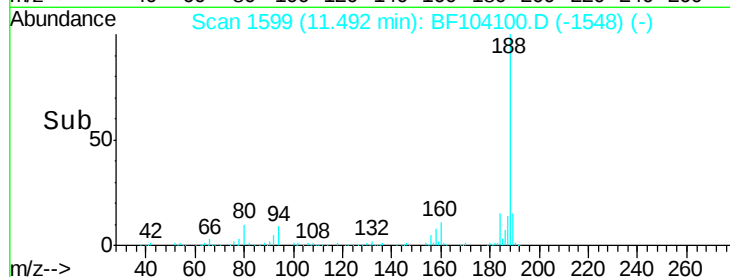
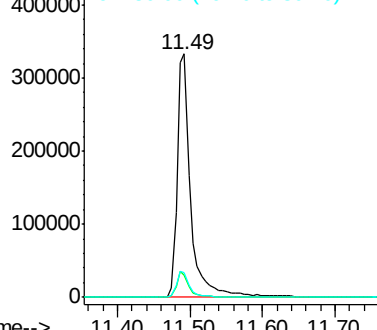
80 10.0 9.2 13.8



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: 3.204 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

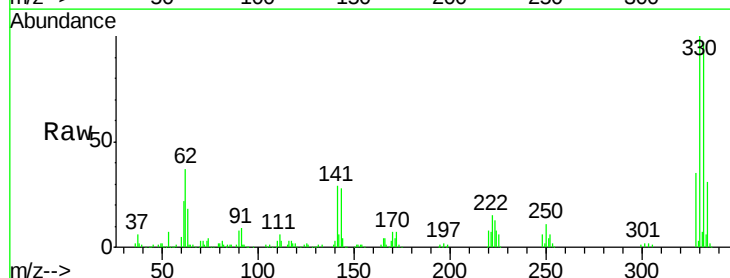
Tgt Ion:248 Resp: 14840

Ion Ratio Lower Upper

248 100

250 195.5 76.9 115.3#

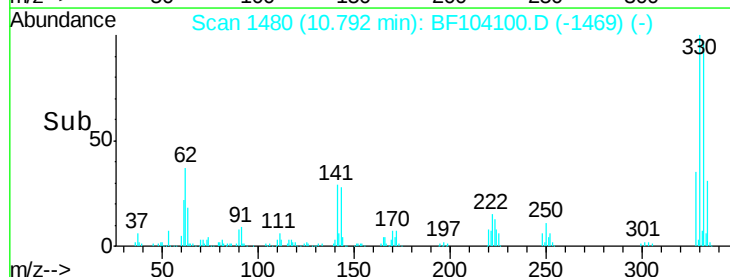
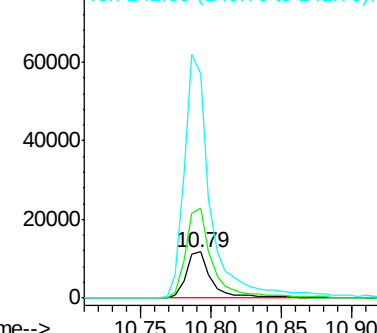
141 487.4 74.4 111.6#

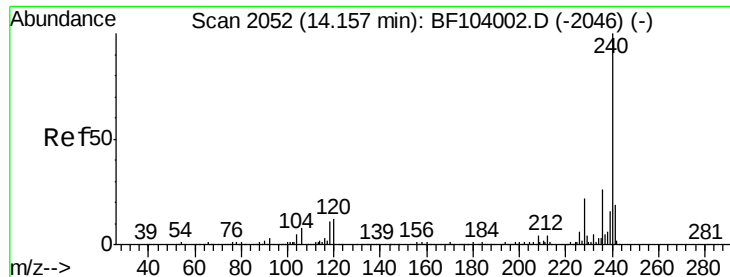


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

Instrument :

BNA_F

ClientSampleId :

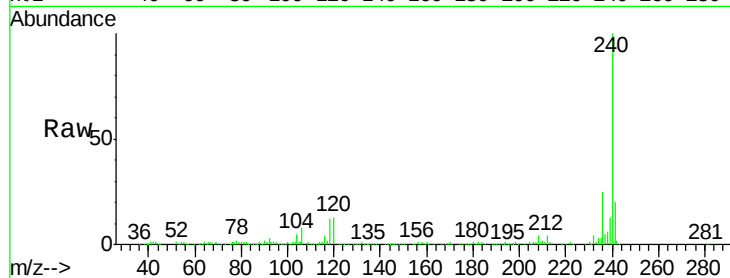
Tot Ion:240 Resp: 313684

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

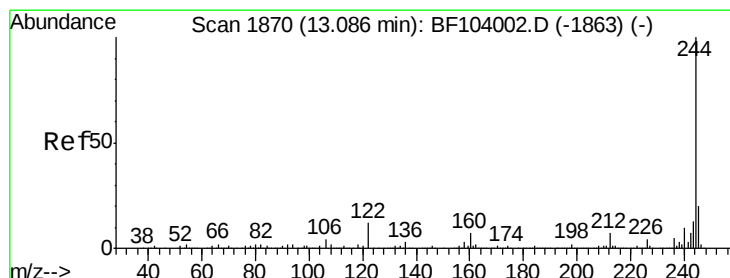
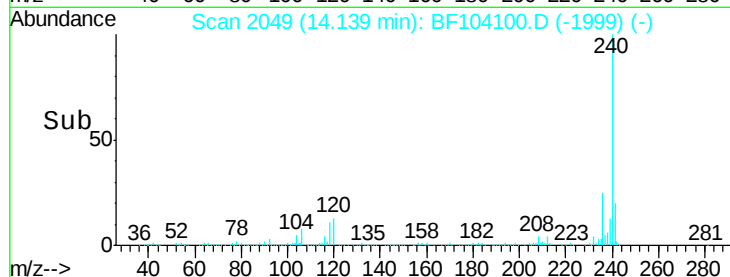
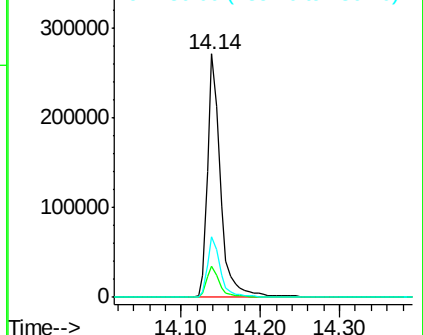
236 25.1 20.7 31.1



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: 69.234 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104100.D

Acq: 30 Mar 2018 18:41

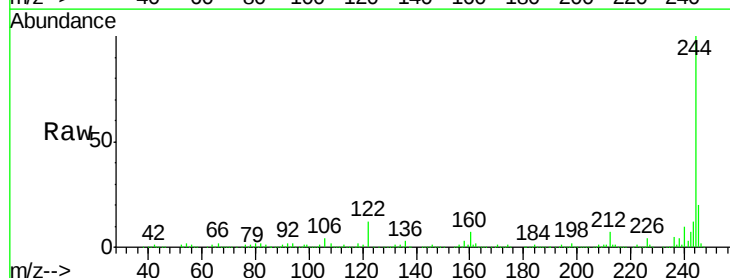
Tgt Ion:244 Resp: 940578

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

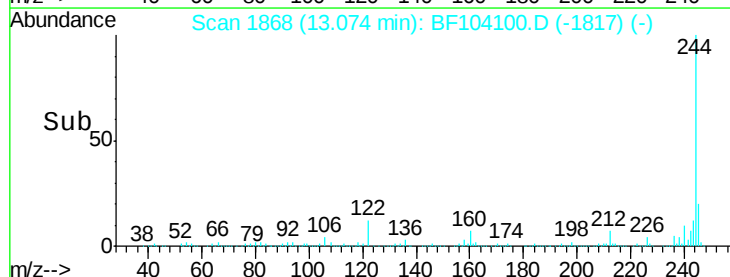
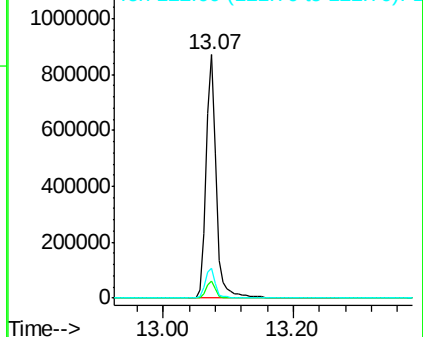
122 12.4 11.0 16.4

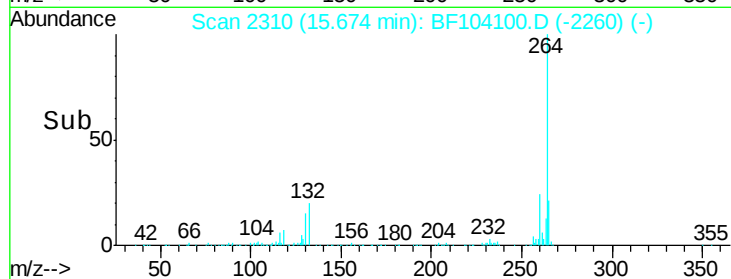
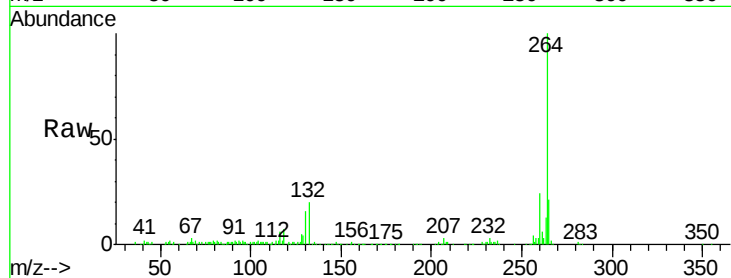
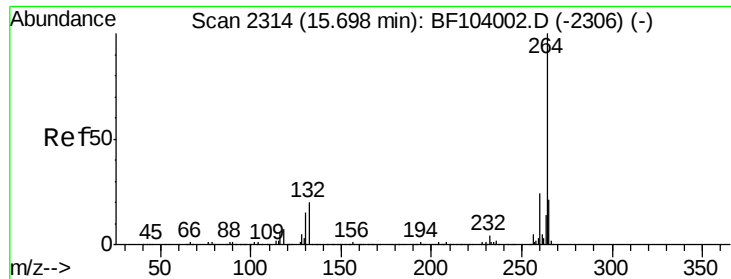


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104100.D
Acq: 30 Mar 2018 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	241265
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.5	26.3

