

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104103.D
 Acq On : 30 Mar 2018 20:01
 Operator : JU/SJ
 Sample : J2148-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:08:54 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

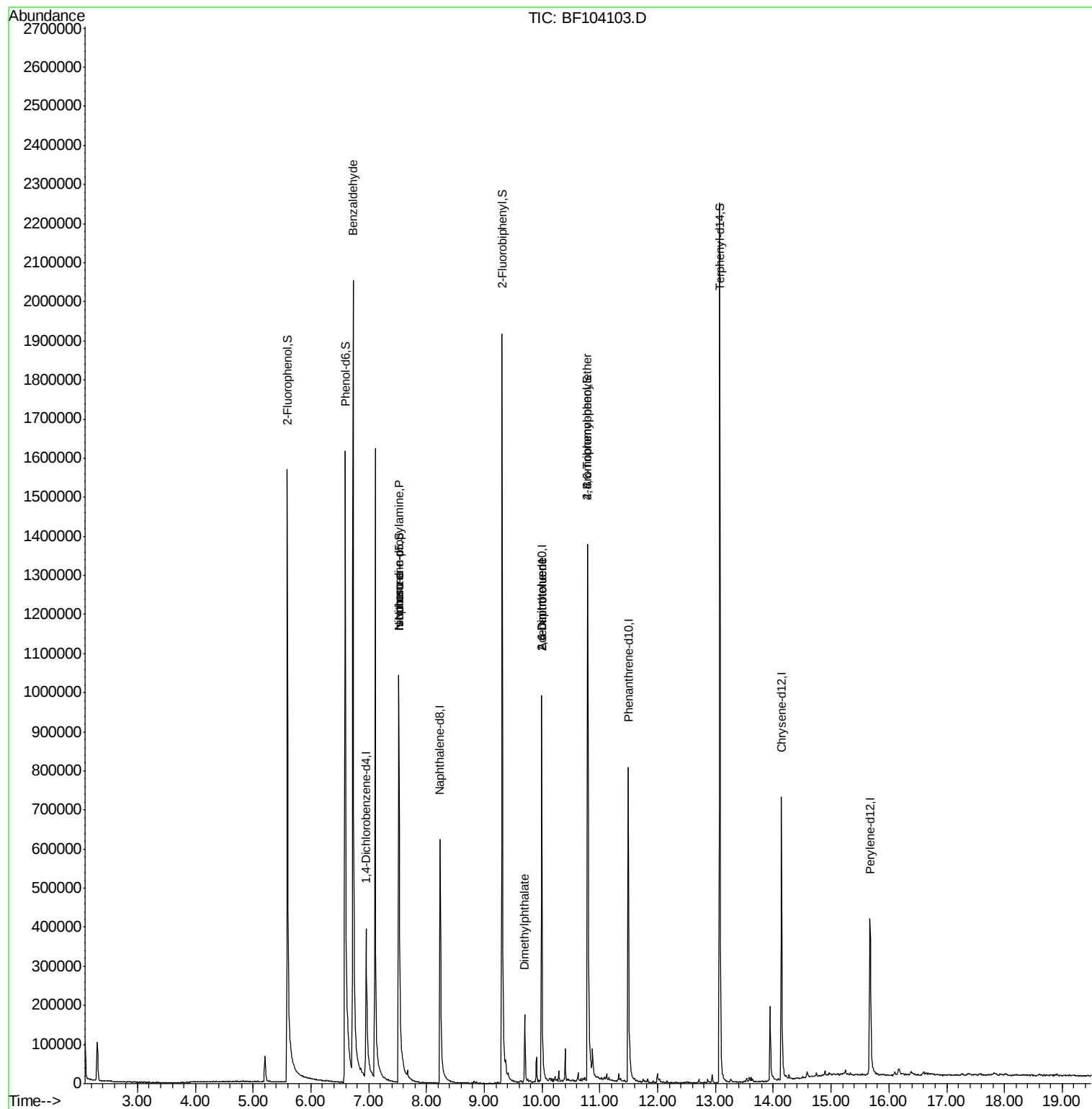
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	115150	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	490050	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	238873	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	443529	20.00	ng	0.00
75) Chrysene-d12	14.14	240	317125	20.00	ng	0.00
86) Perylene-d12	15.67	264	241256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	746654	103.41	ng	0.01
7) Phenol-d6	6.59	99	1003454	112.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	604766	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	258277	97.10	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	833726	55.04	ng	0.00
78) Terphenyl-d14	13.07	244	918634	66.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16434	2.306	ng	90
19) n-Nitroso-di-n-propylamine	7.52	70	71909	13.640	ng	# 73
25) Isophorone	7.52	82	614122	41.586	ng	# 64
49) Dimethylphthalate	9.70	163	89576	4.750	ng	99
50) 2,6-Dinitrotoluene	9.99	165	29503	7.271	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	29909	5.777	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	15279	3.220	ng	# 1

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

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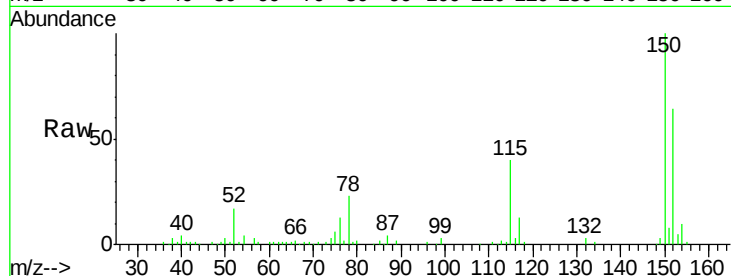


#1

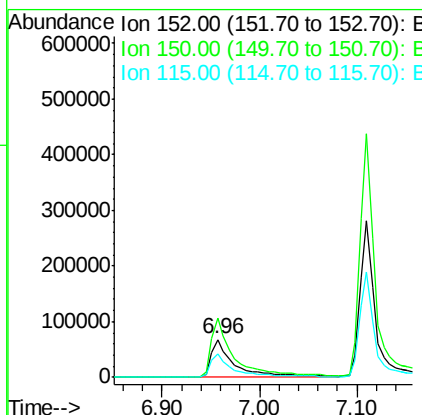
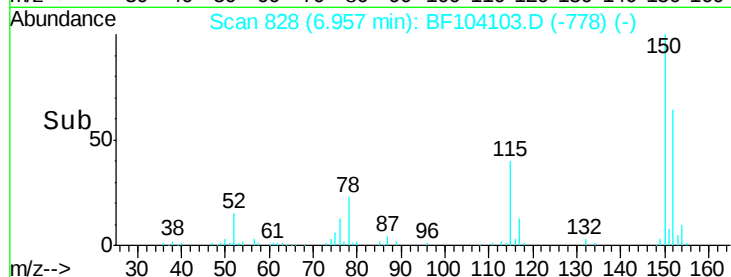
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.5	50.1	75.1



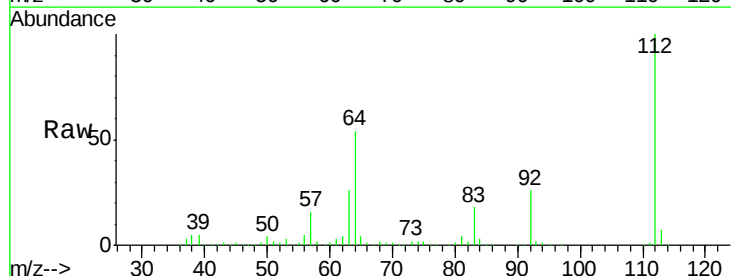
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



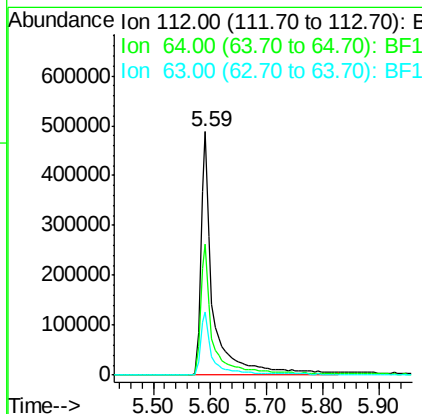
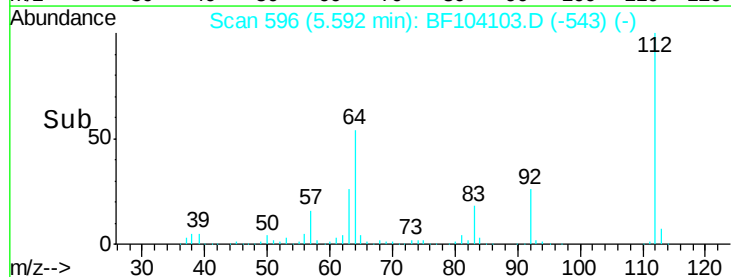
#5

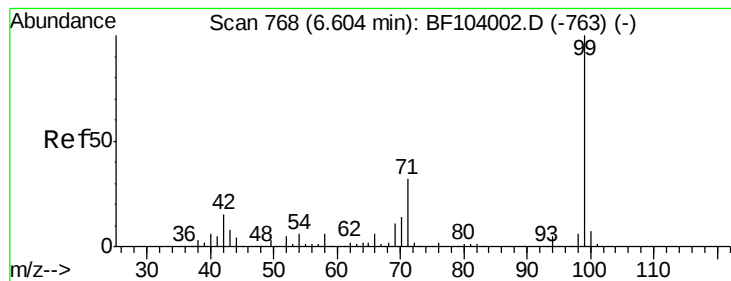
2-Fluorophenol
 Concen: 103.406 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.1	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: 112.957 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

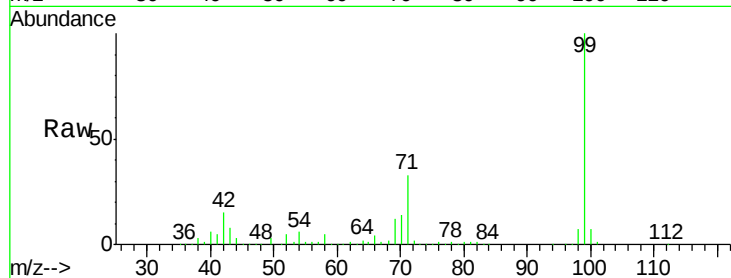
Tot Ion: 99 Resp: 1003454

Ion Ratio Lower Upper

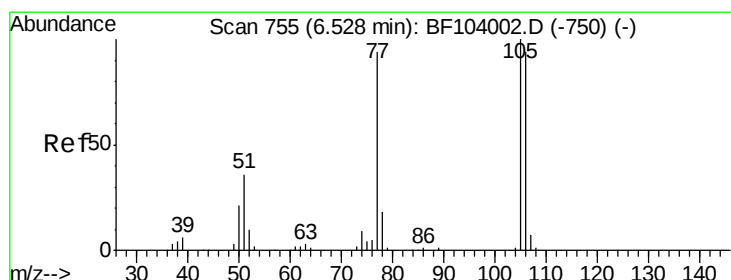
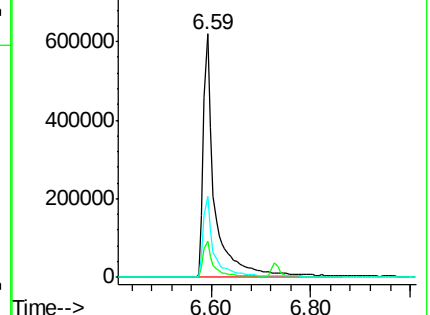
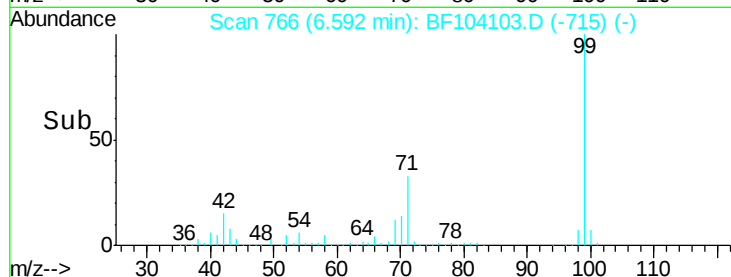
99 100

42 14.9 14.5 21.7

71 33.3 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: 2.306 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

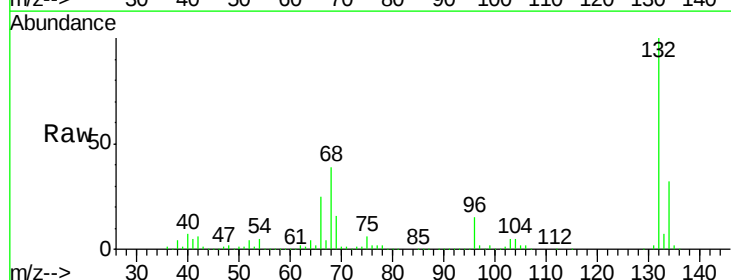
Tgt Ion: 77 Resp: 16434

Ion Ratio Lower Upper

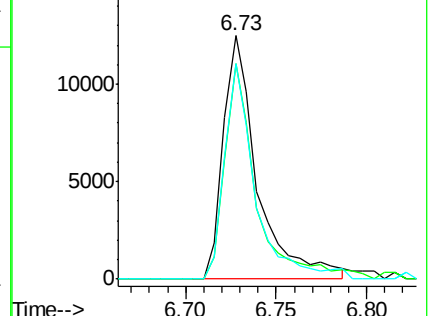
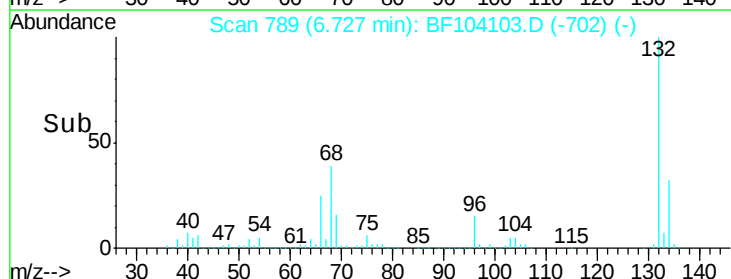
77 100

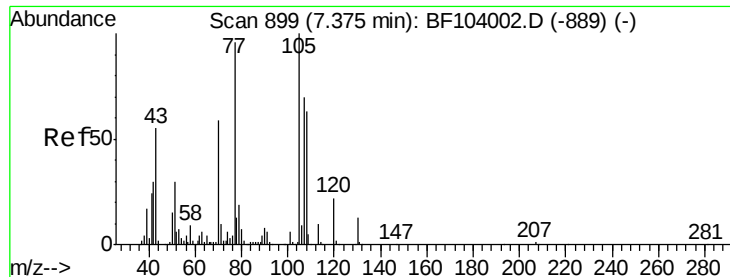
105 88.4 81.1 121.1

106 88.4 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: 13.640 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 71909

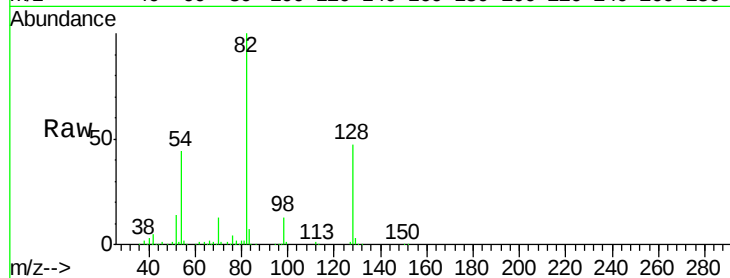
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

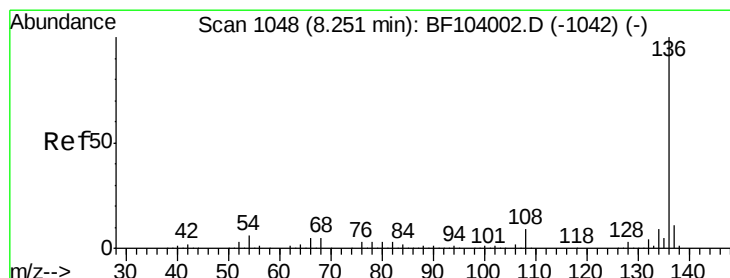
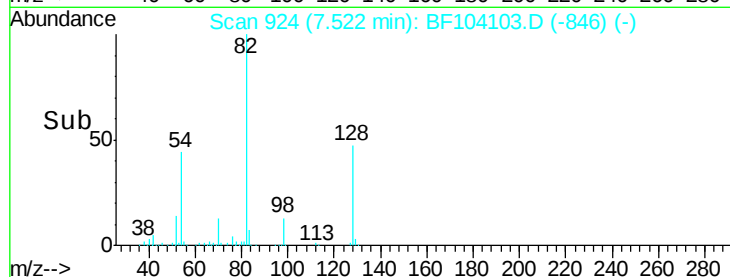
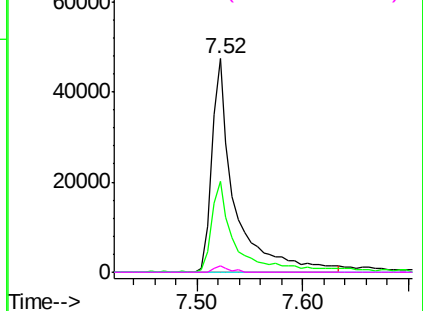


Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.01 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

Tgt Ion: 136 Resp: 490050

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 6.6 9.8

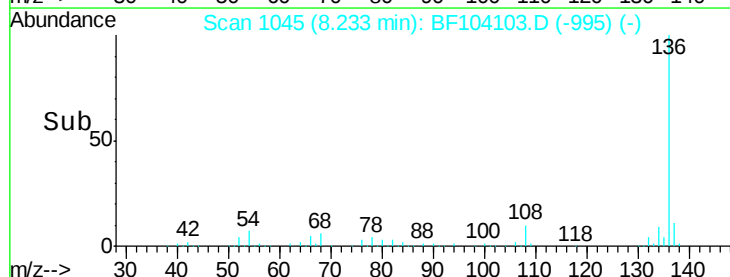
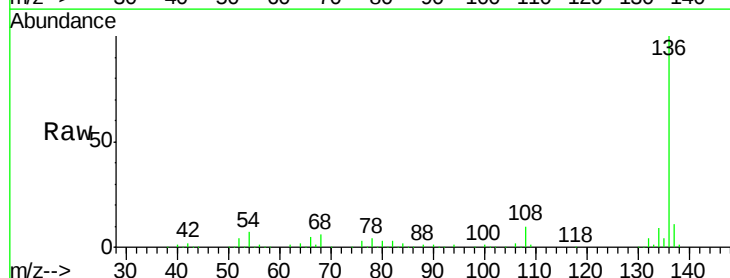
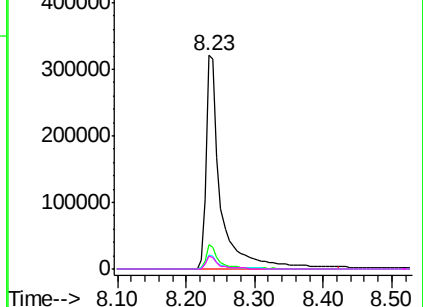
68 5.9 5.0 7.4

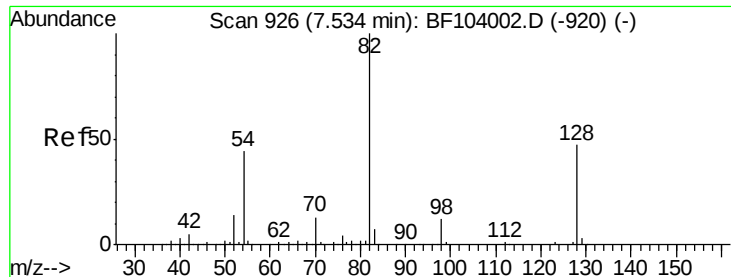
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

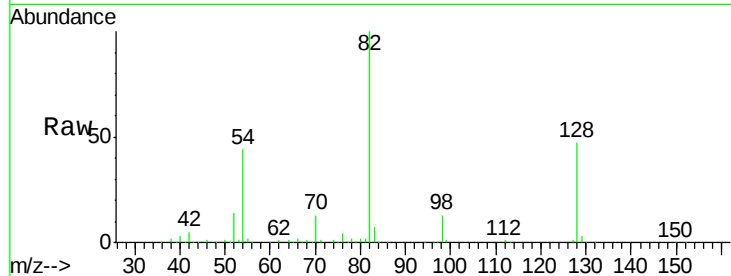




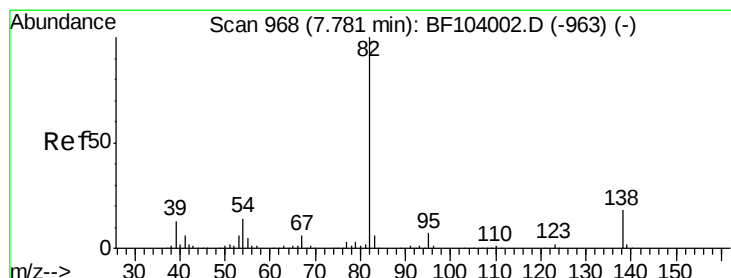
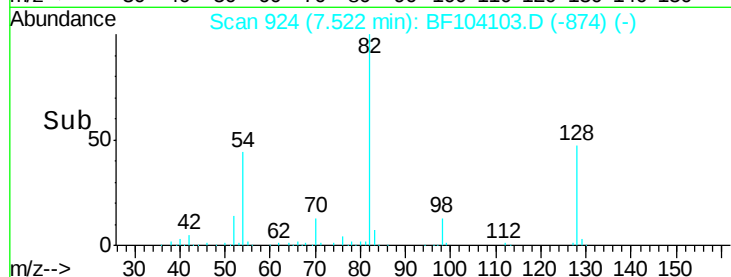
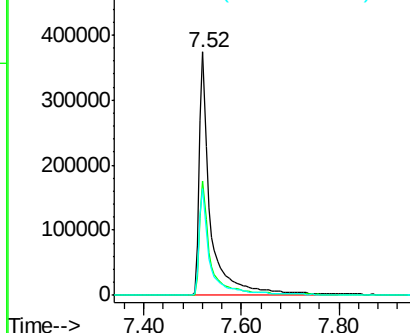
#23
Nitrobenzene-d5
Concen: 75.471 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104103.D
Acq: 30 Mar 2018 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	604766
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	44.0	41.4	62.2

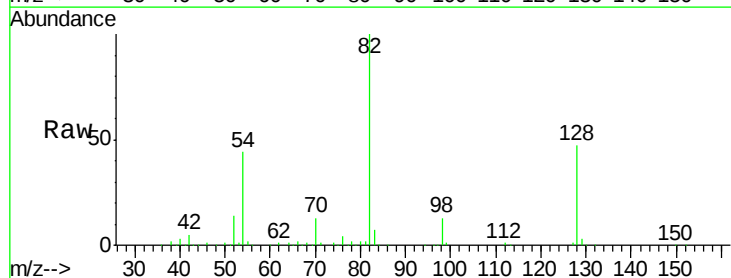


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

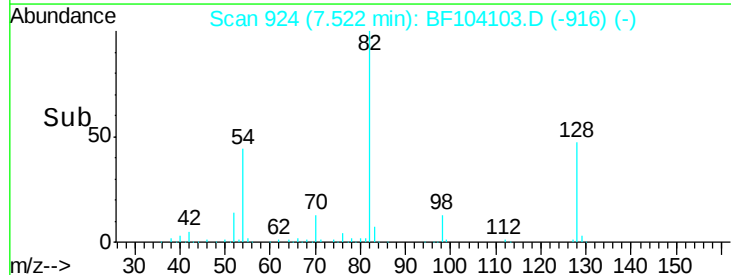
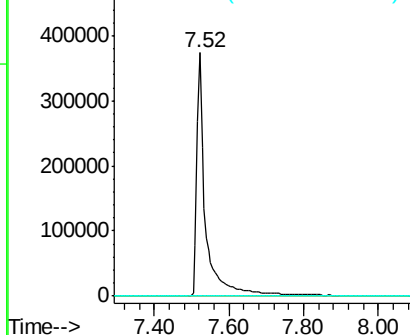


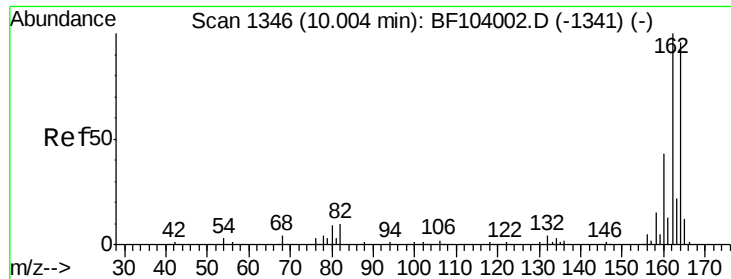
#25
Isophorone
Concen: 41.586 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104103.D
Acq: 30 Mar 2018 20:01

Tgt Ion	82	Resp	614122
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

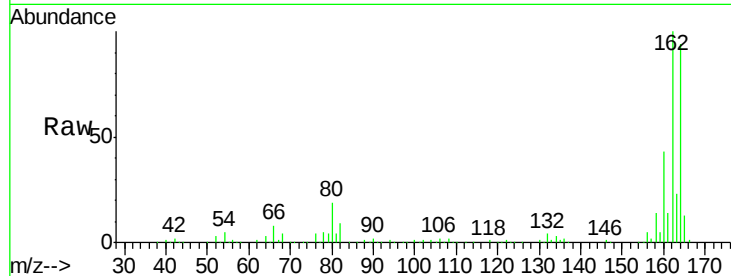




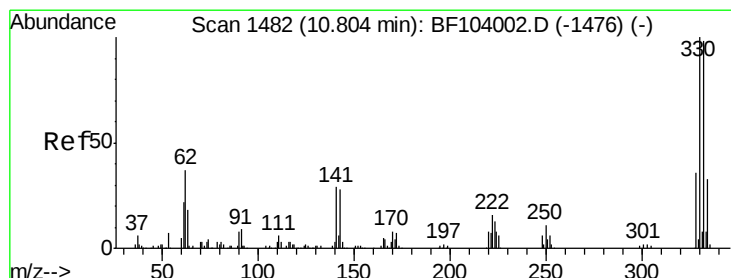
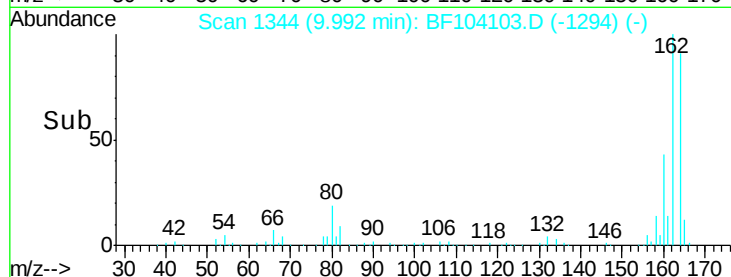
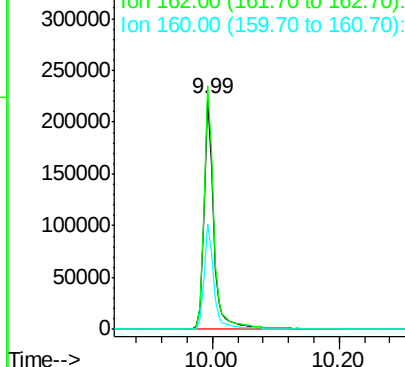
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 238873
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.0 38.3 57.5

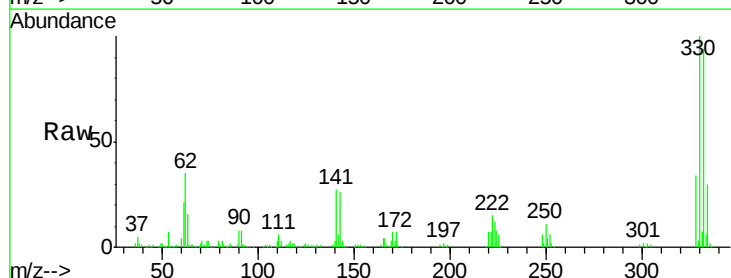


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

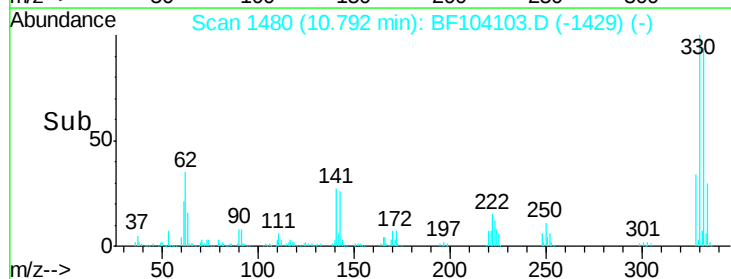
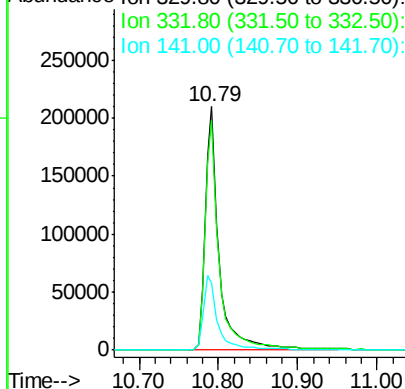


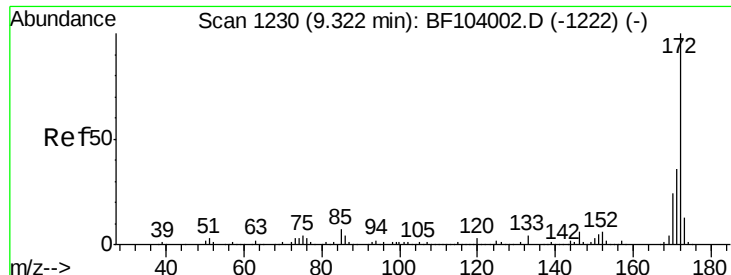
#41
 2,4,6-Tribromophenol
 Concen: 97.102 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Tgt Ion:330 Resp: 258277
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.7 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

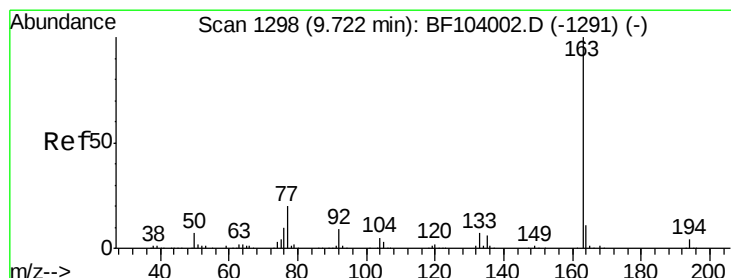
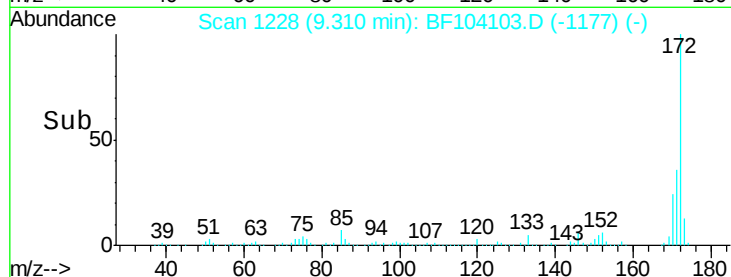
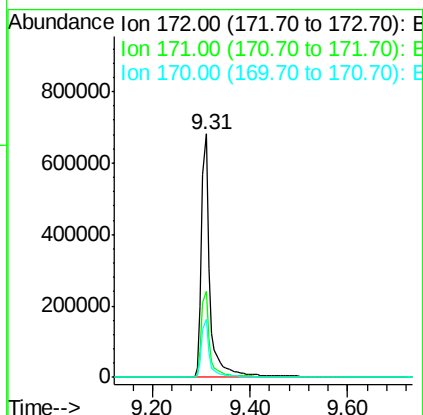
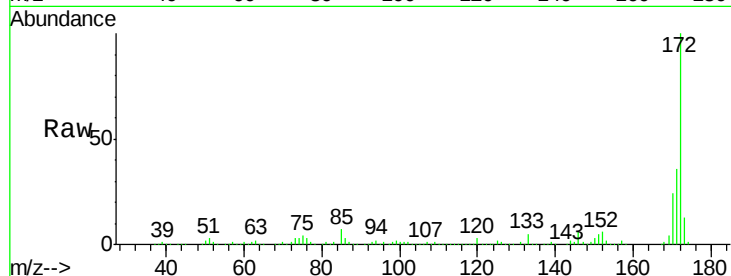




#44
 2-Fluorobiphenyl
 Concen: 55.038 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

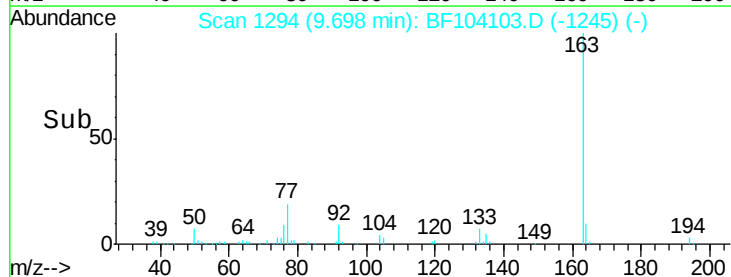
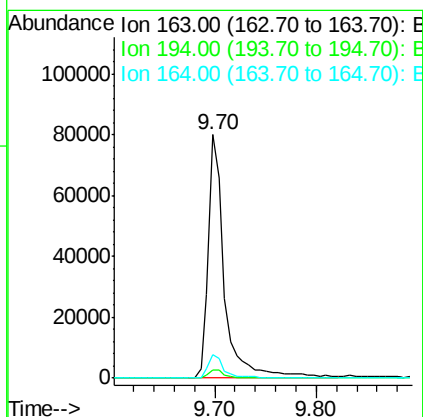
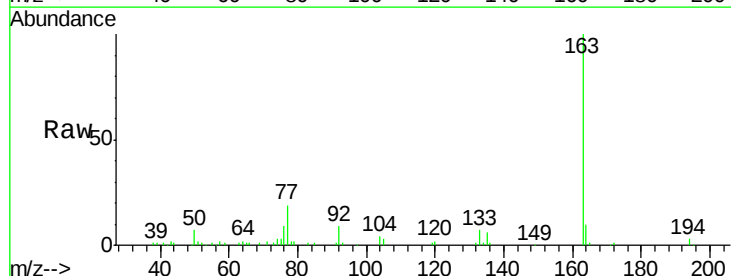
Instrument :
 BNA_F
 ClientSampleId :

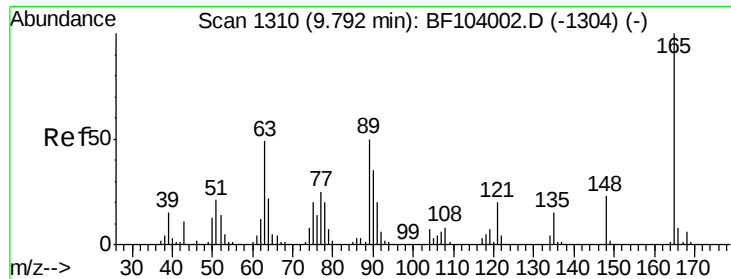
Tot Ion:172 Resp: 833726
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 4.750 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Tgt Ion:163 Resp: 89576
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 9.8 8.2 12.2

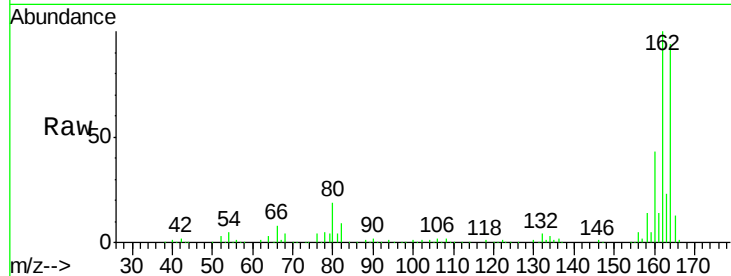




#50
 2,6-Dinitrotoluene
 Concen: 7.271 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

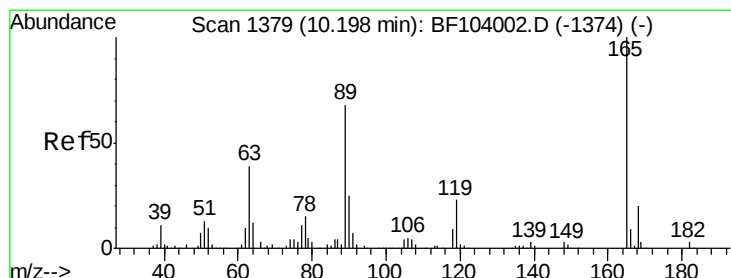
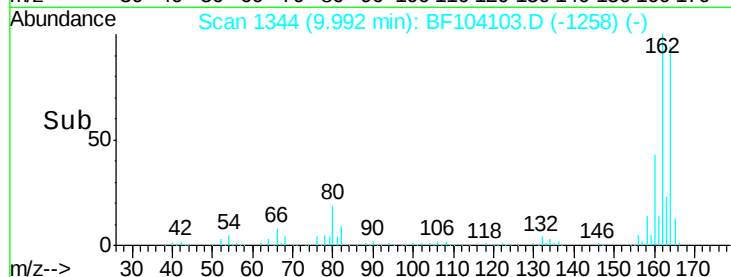
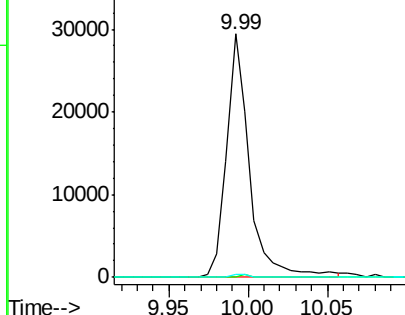
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



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: 5.777 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

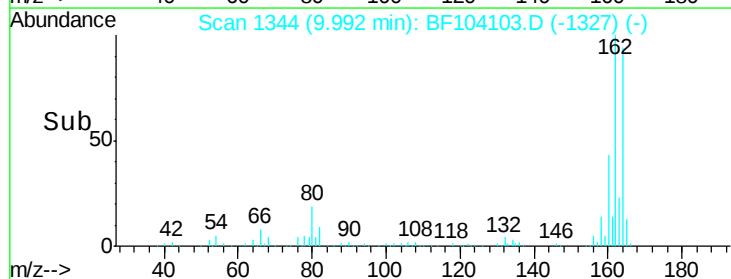
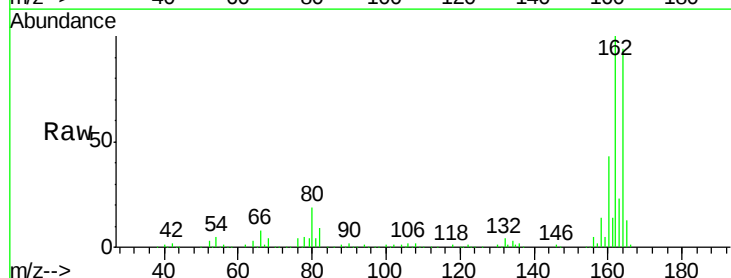
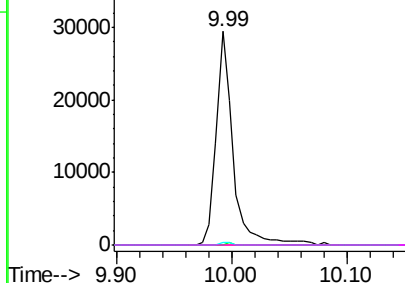
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

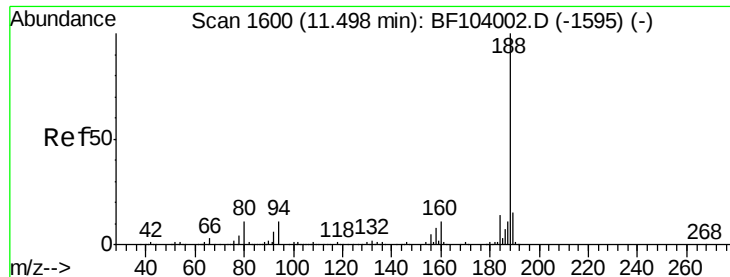
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

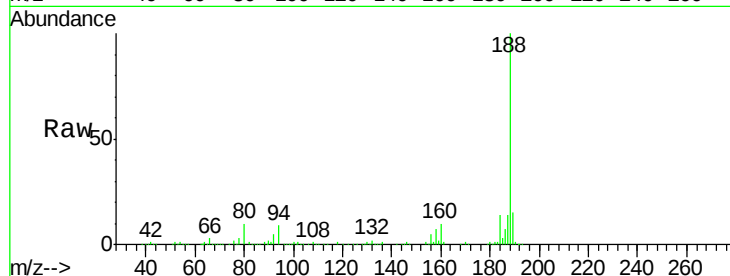
Tot Ion:188 Resp: 443529

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

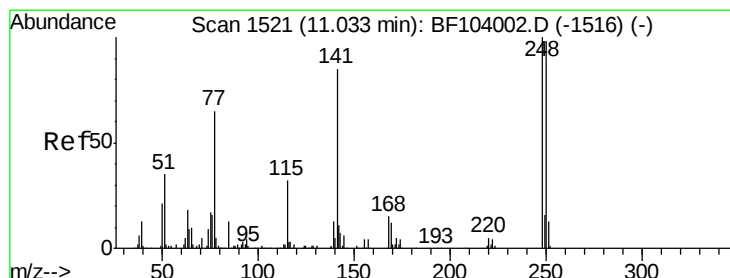
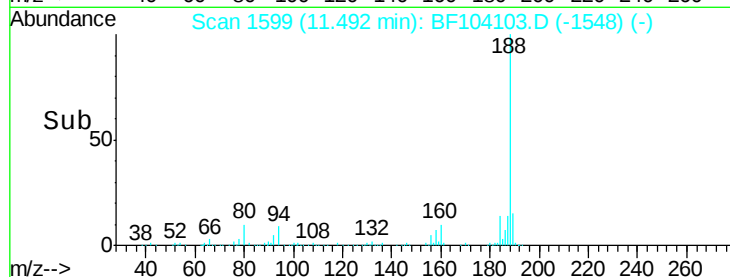
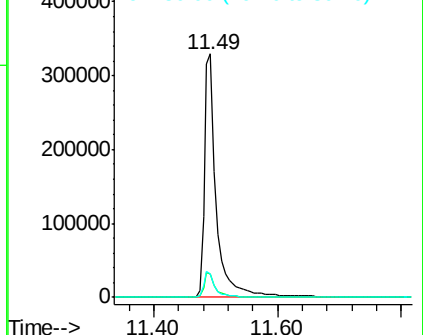
80 9.7 9.2 13.8



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: 3.220 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

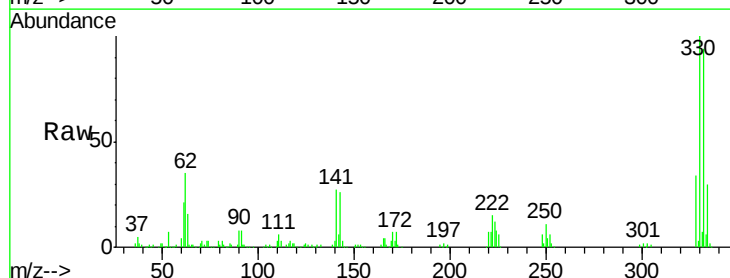
Tgt Ion:248 Resp: 15279

Ion Ratio Lower Upper

248 100

250 194.9 76.9 115.3#

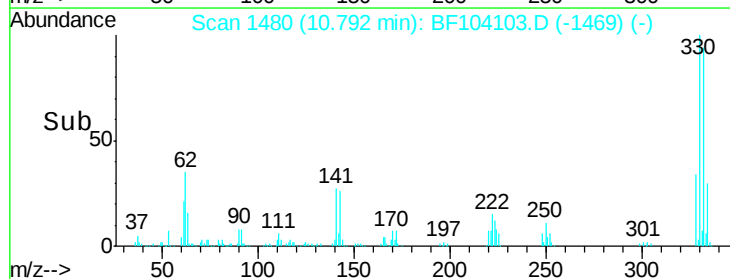
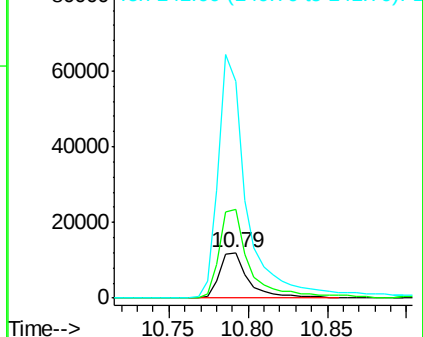
141 474.3 74.4 111.6#

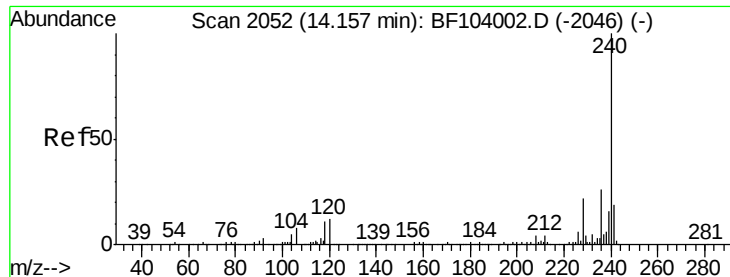


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF104103.D

Acq: 30 Mar 2018 20:01

Instrument :

BNA_F

ClientSampleId :

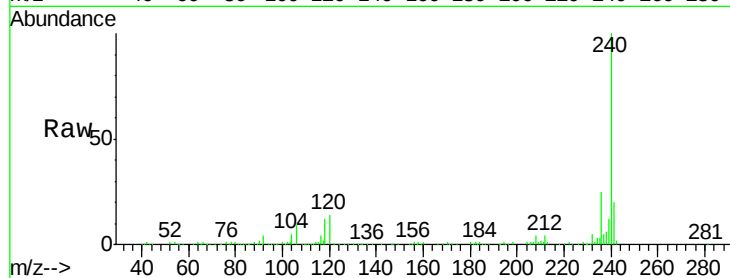
Tot Ion:240 Resp: 317125

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

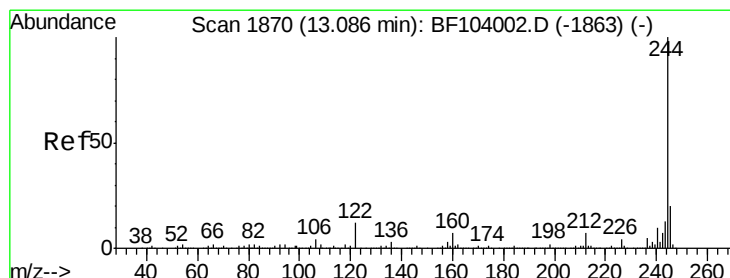
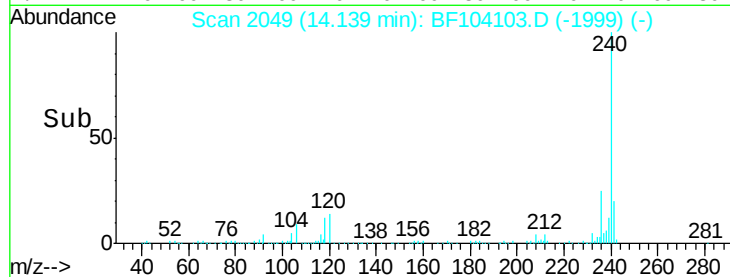
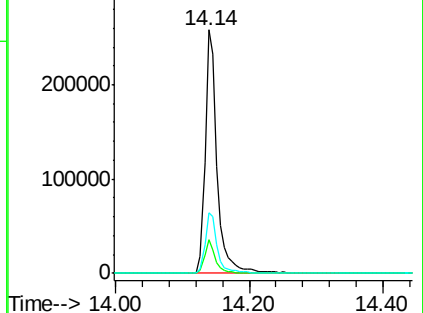
236 25.1 20.7 31.1



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: 66.885 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BF104103.D

Acq: 30 Mar 2018 20:01

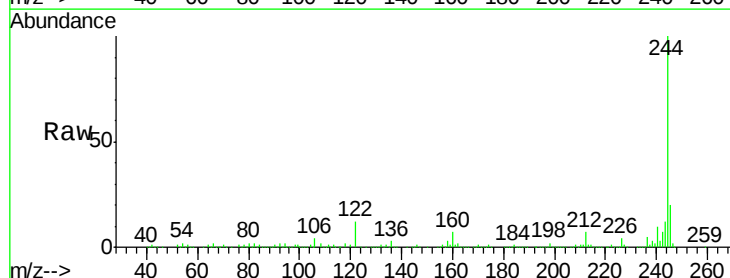
Tgt Ion:244 Resp: 918634

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

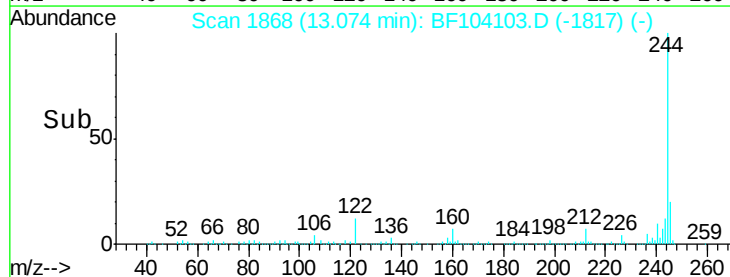
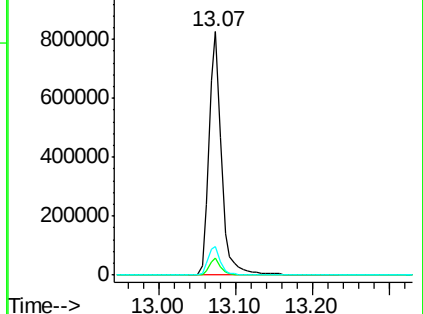
122 11.8 11.0 16.4

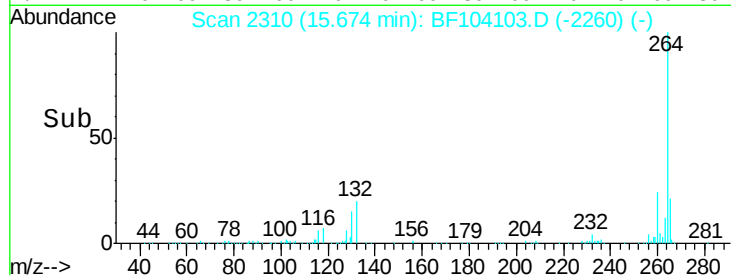
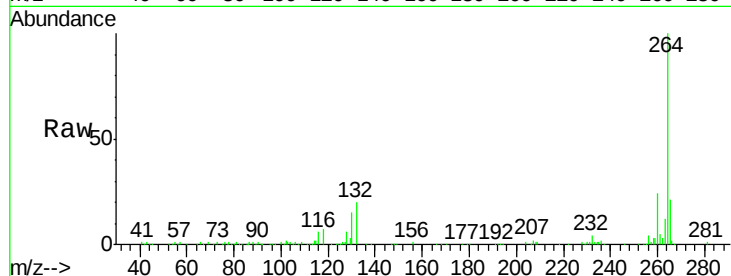
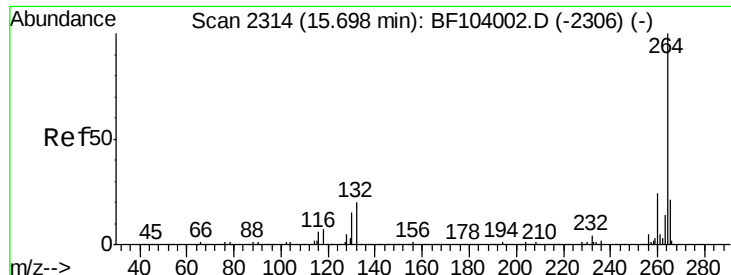


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104103.D
 Acq: 30 Mar 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	241256
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3

