

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104200.D
 Acq On : 4 Apr 2018 00:34
 Operator : JU/SJ
 Sample : J2183-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:18:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

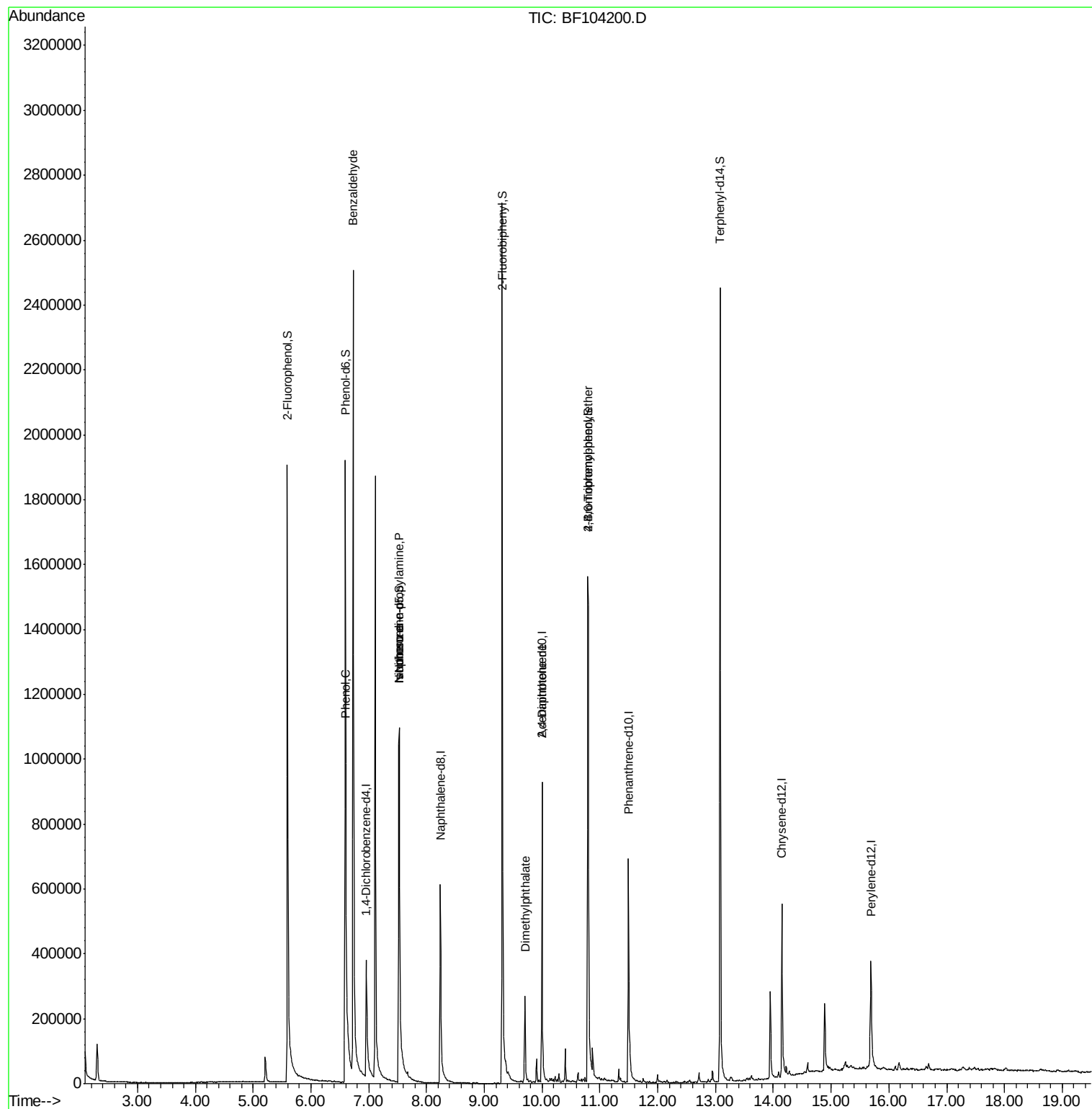
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105657	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	444399	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209748	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	372662	20.00	ng	0.00
75) Chrysene-d12	14.15	240	249334	20.00	ng	0.00
86) Perylene-d12	15.69	264	221518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	899782	135.81	ng	0.00
7) Phenol-d6	6.60	99	1167593	143.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	682808	93.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	289663	124.02	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1128870	84.87	ng	0.00
78) Terphenyl-d14	13.08	244	1033446	95.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	18170	2.889	ng	87
10) Phenol	6.61	94	18688	2.069	ng	# 10
19) n-Nitroso-di-n-propylamine	7.53	70	81622	16.873	ng	# 71
25) Isophorone	7.53	82	682808	50.987	ng	# 64
49) Dimethylphthalate	9.70	163	143627	8.673	ng	99
56) 2,4-Dinitrotoluene	10.00	165	25562	5.623	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	17440	4.374	ng	# 1

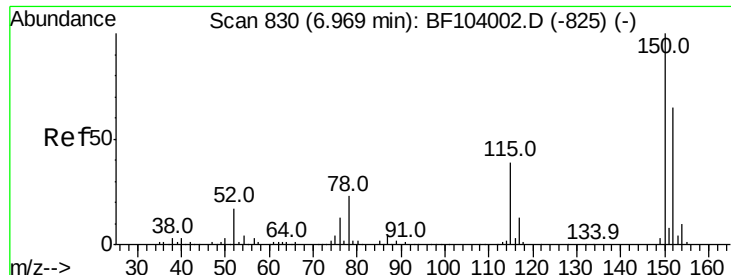
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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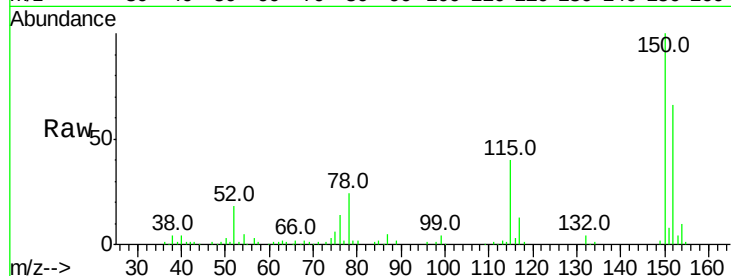


#1

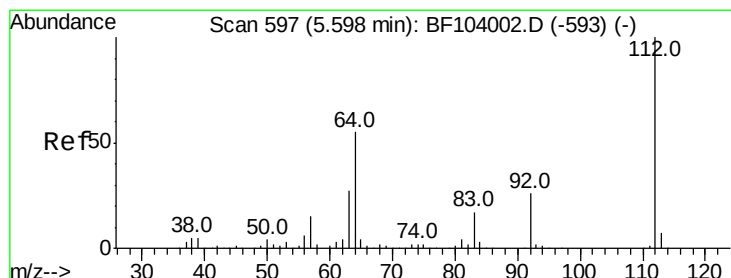
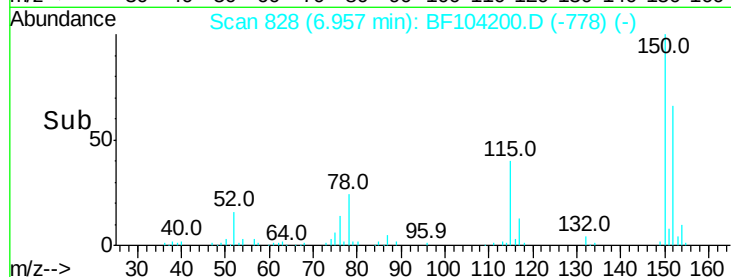
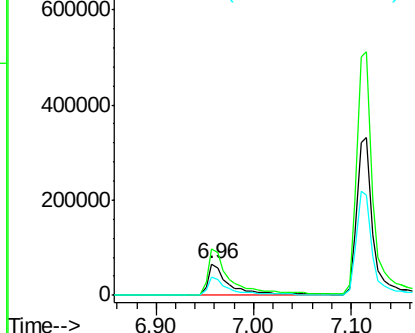
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105657
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 60.1 50.1 75.1



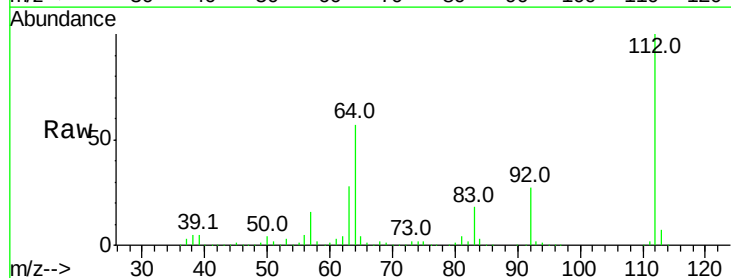
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



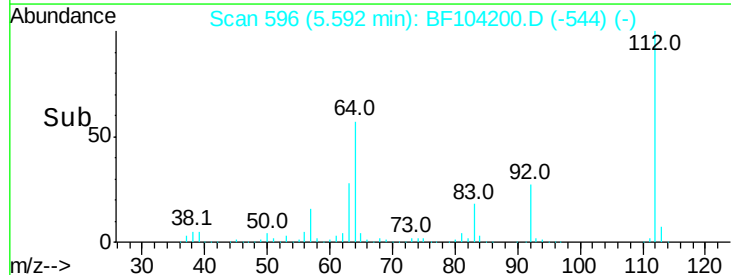
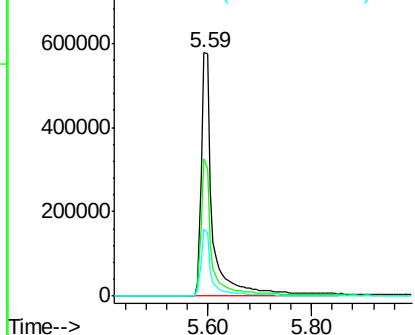
#5

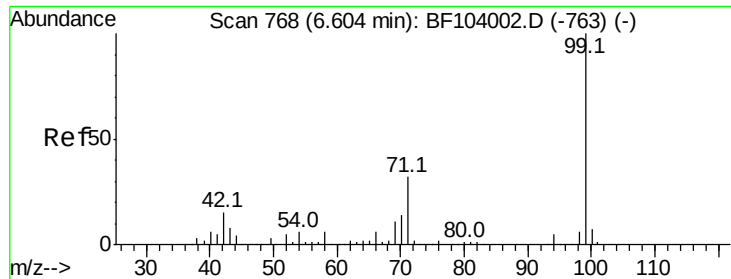
2-Fluorophenol
Concen: 135.810 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:112 Resp: 899782
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.6 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: 143.243 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampled :

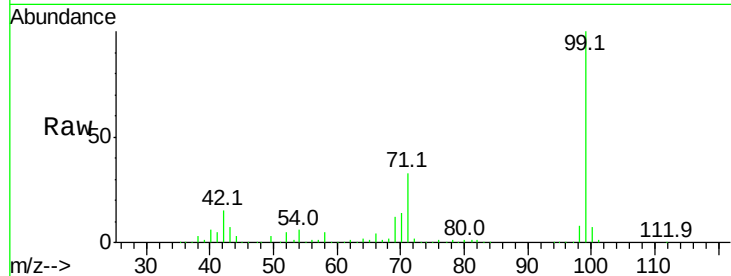
Tot Ion: 99 Resp: 1167593

Ion Ratio Lower Upper

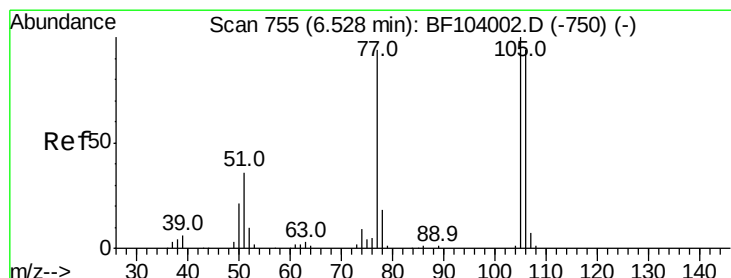
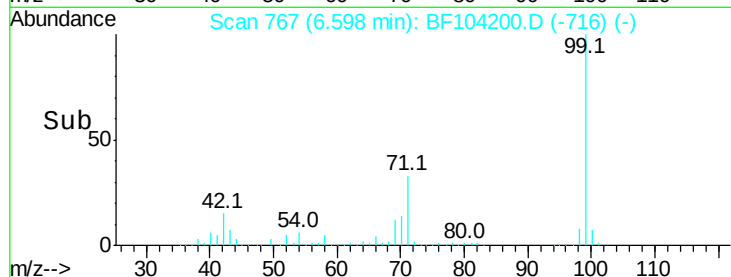
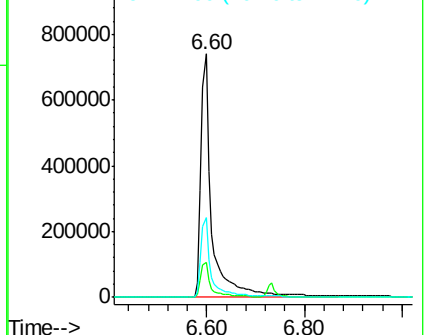
99 100

42 14.6 14.5 21.7

71 32.8 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: 2.889 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

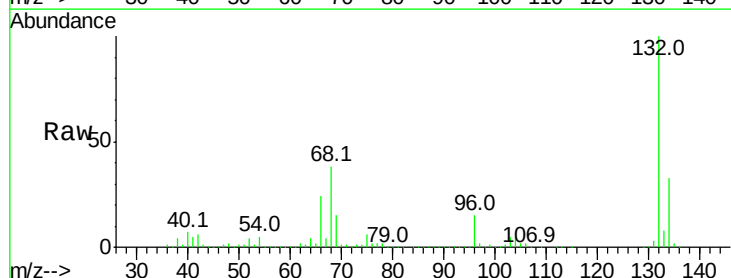
Tgt Ion: 77 Resp: 18170

Ion Ratio Lower Upper

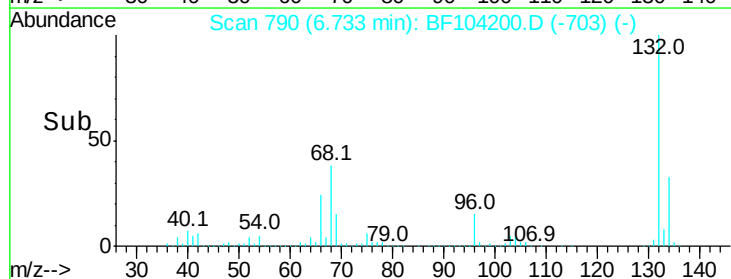
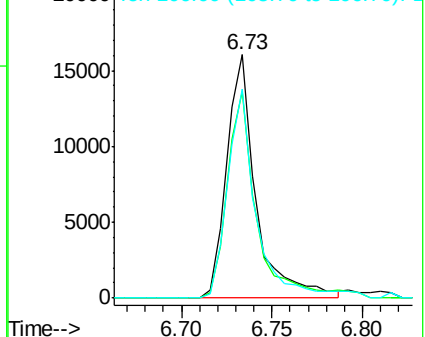
77 100

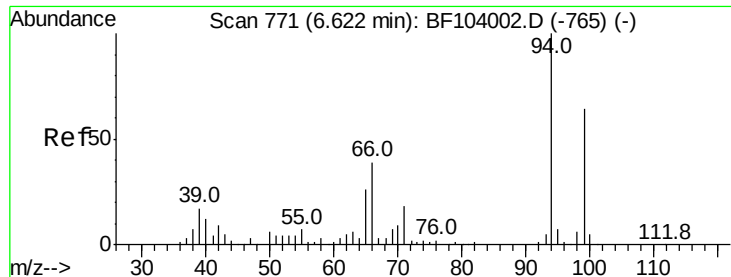
105 84.6 81.1 121.1

106 85.6 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

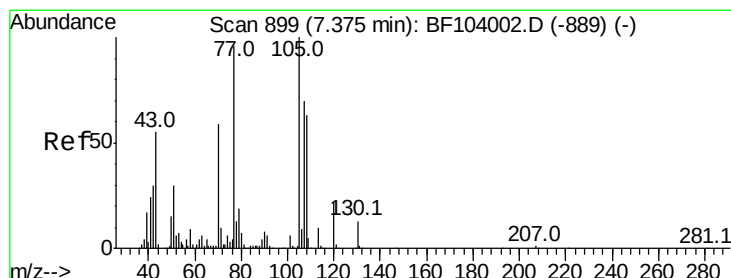
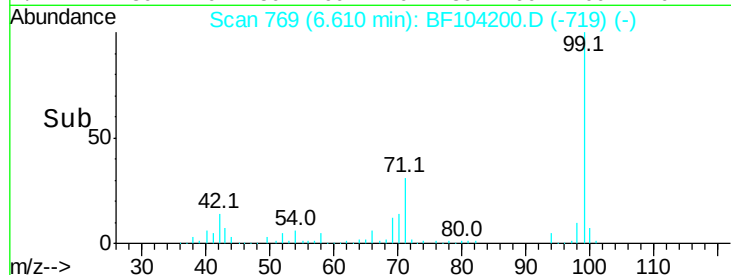
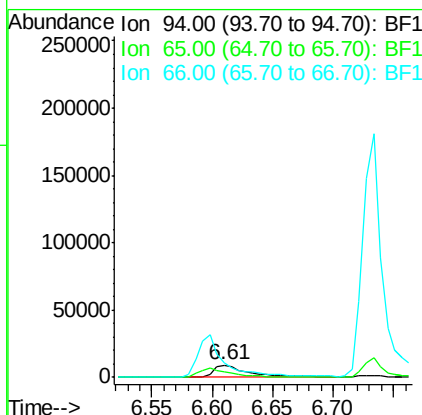
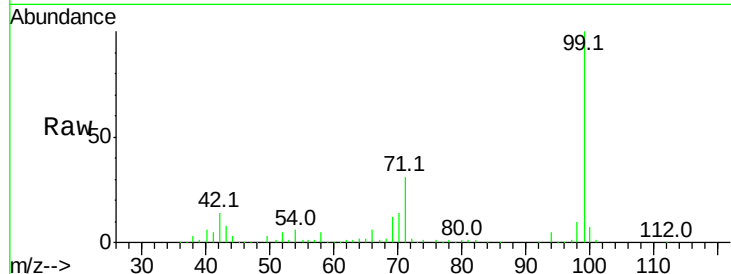




#10
Phenol
Concen: 2.069 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

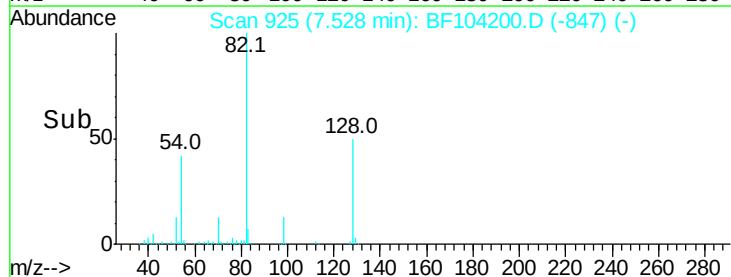
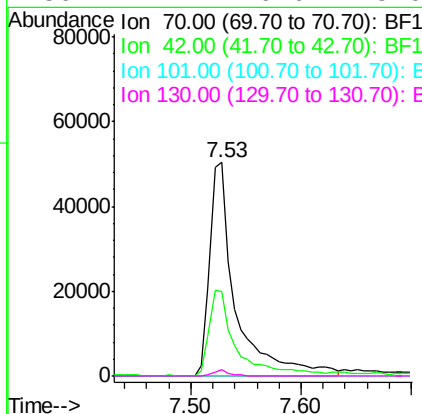
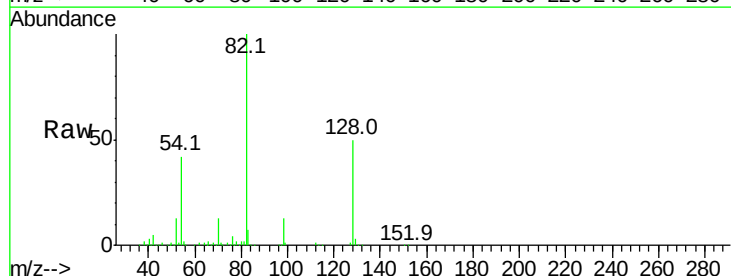
Instrument :
BNA_F
ClientSampled :

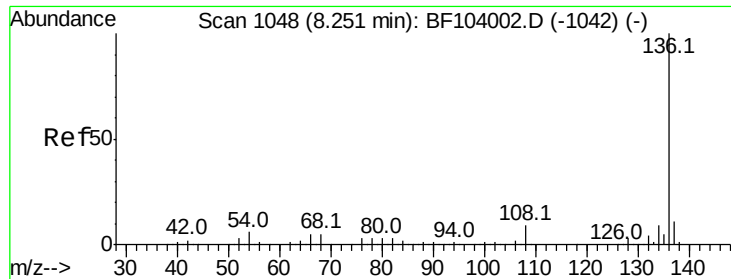
Tot Ion: 94 Resp: 18688
Ion Ratio Lower Upper
94 100
65 44.2 7.9 47.9
66 116.2 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 16.873 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion: 70 Resp: 81622
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#

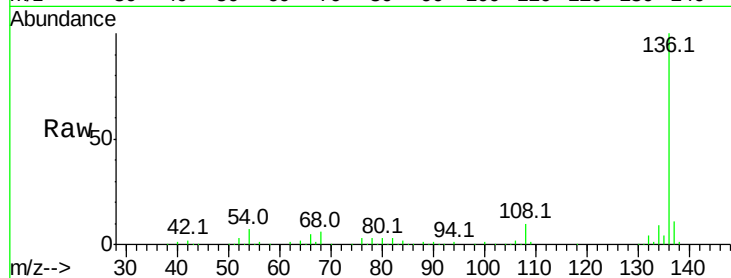




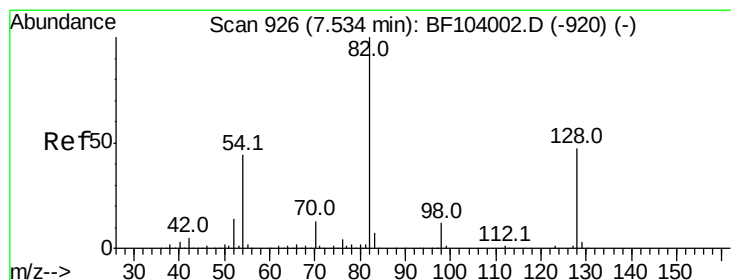
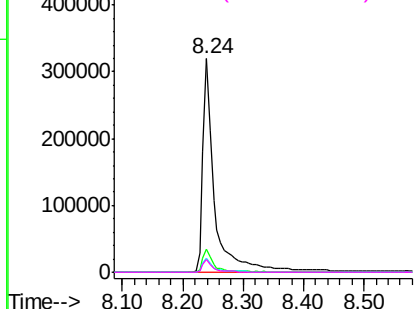
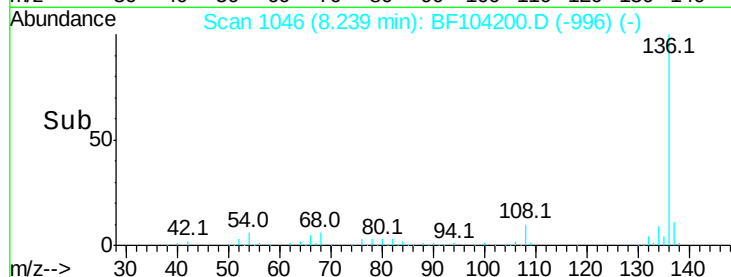
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	444399
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

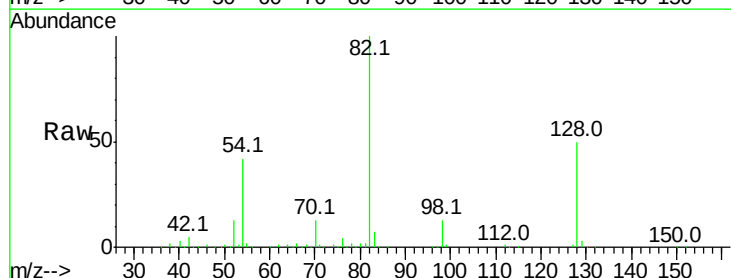


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

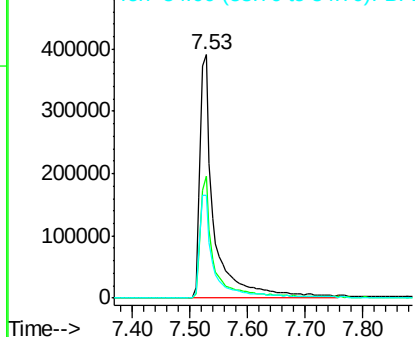
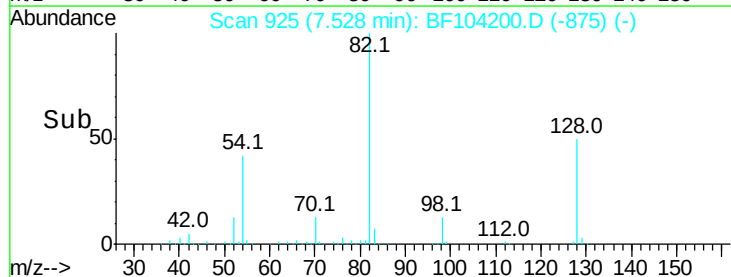


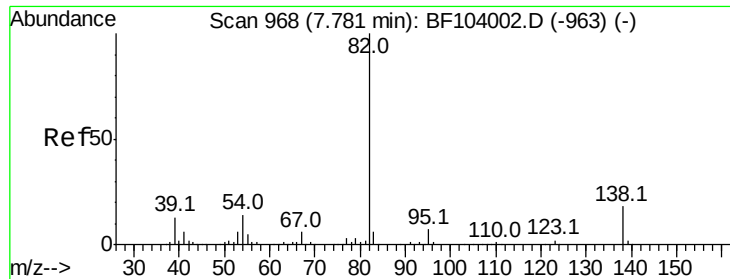
#23
Nitrobenzene-d5
Concen: 93.964 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:	82	Resp:	682808
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	42.4	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

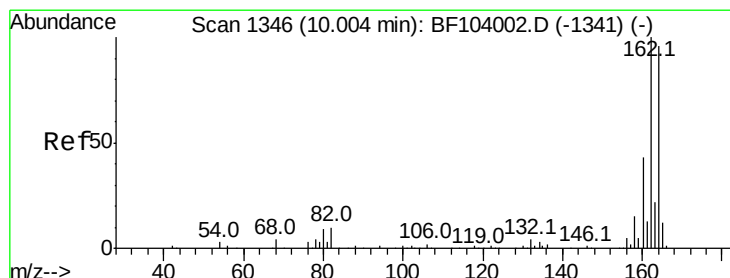
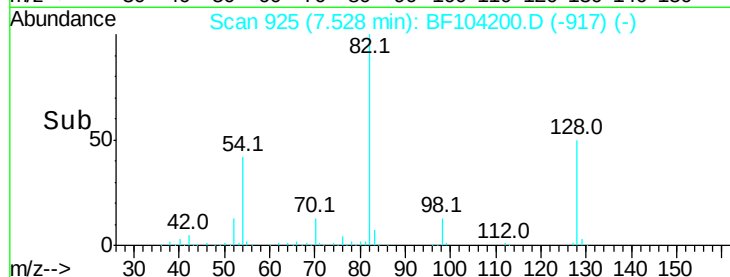
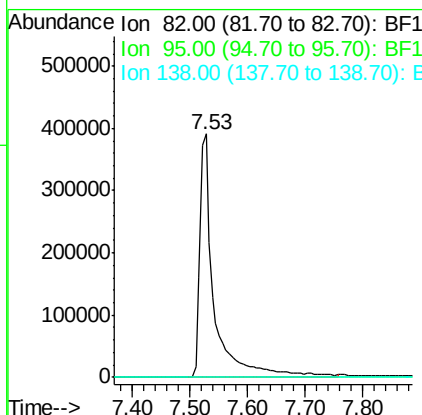
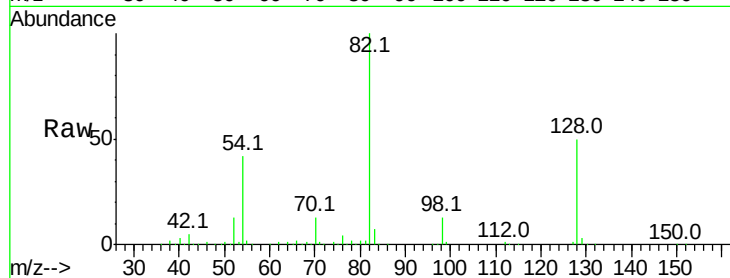




#25
Isophorone
Concen: 50.987 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

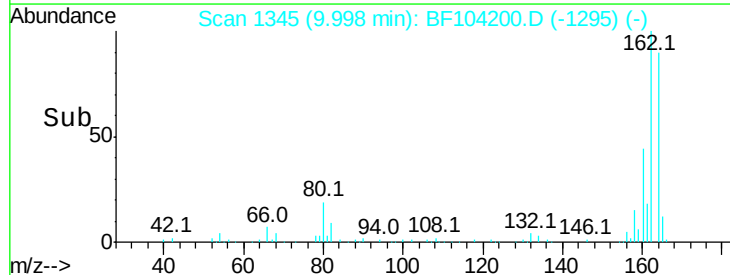
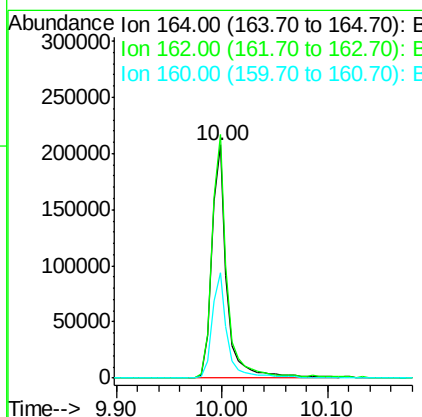
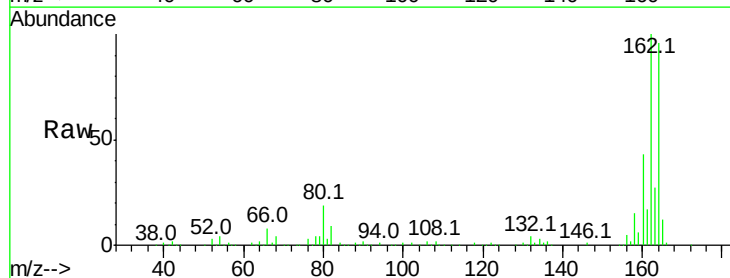
Instrument :
BNA_F
ClientSampled :

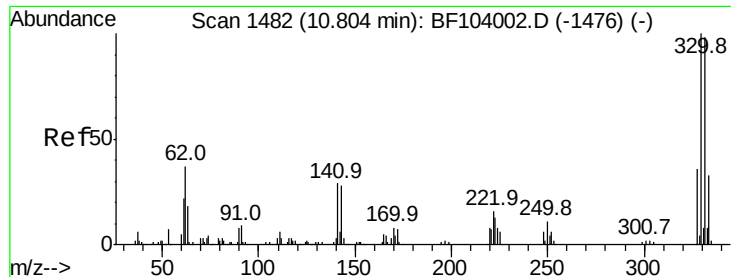
Tot Ion: 82 Resp: 682808
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:164 Resp: 209748
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.4 38.3 57.5

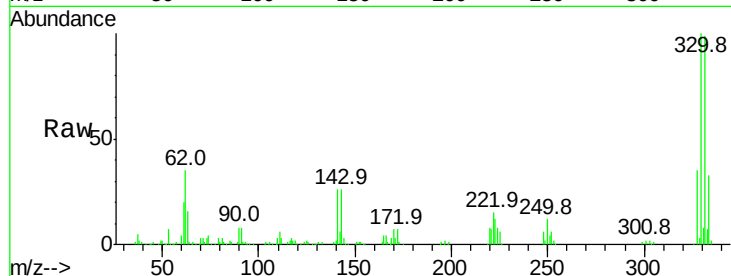




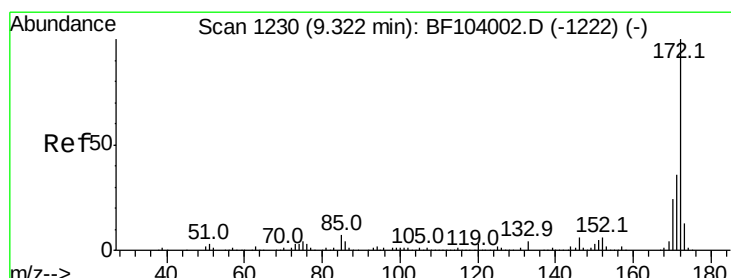
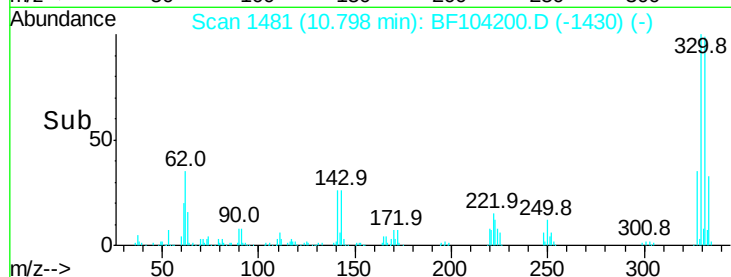
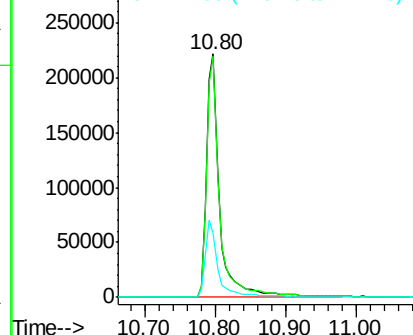
#41
 2,4,6-Tribromophenol
 Concen: 124.024 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104200.D
 Acq: 4 Apr 2018 00:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	97.5			77.0	115.6	
141	31.9			29.9	44.9	

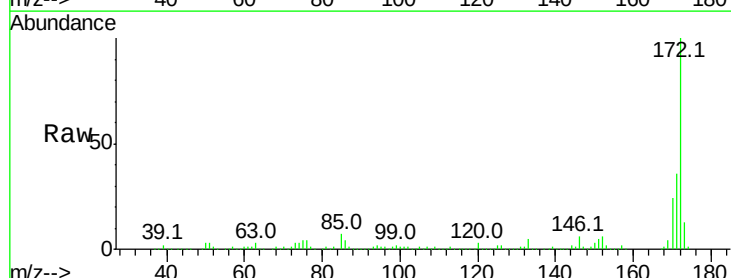


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

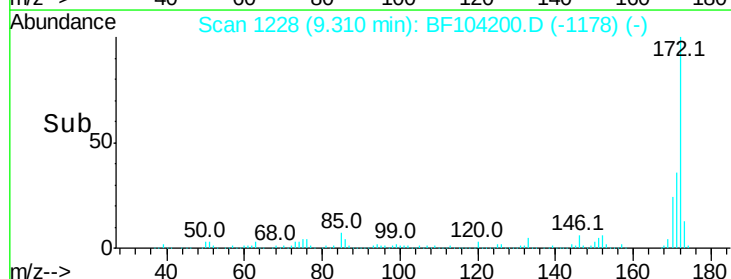
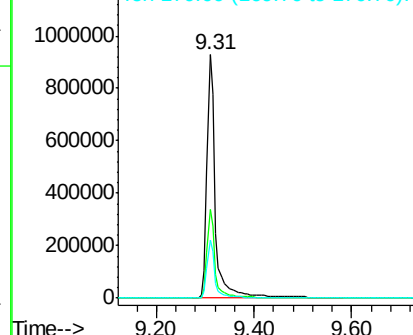


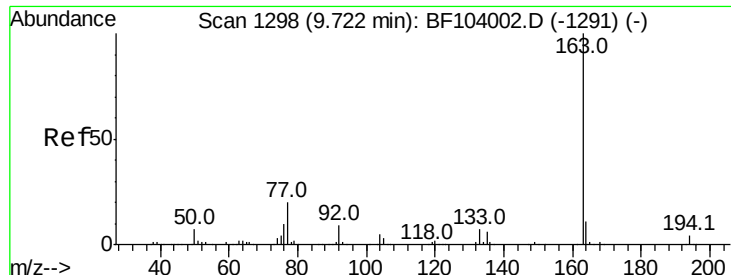
#44
 2-Fluorobiphenyl
 Concen: 84.870 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104200.D
 Acq: 4 Apr 2018 00:34

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	36.2			29.7	44.5	
170	23.7			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

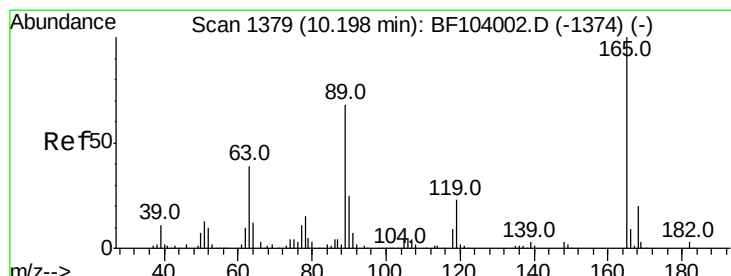
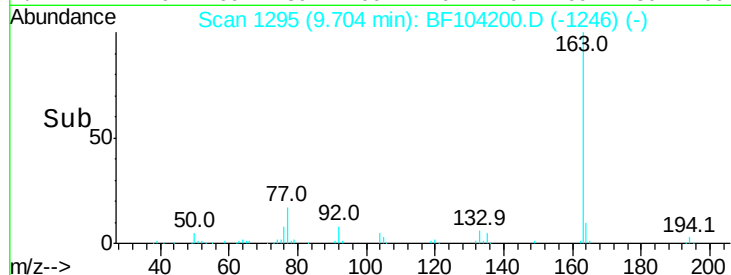
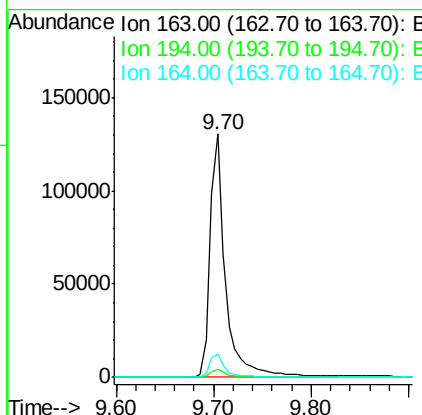
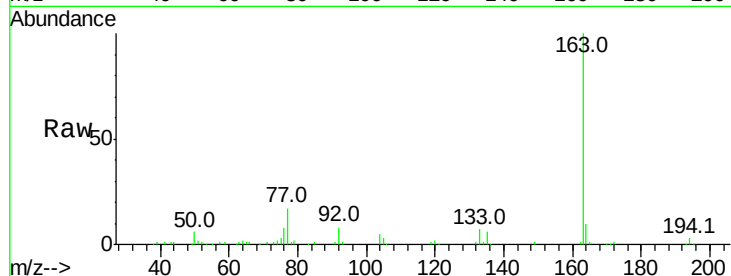




#49
Dimethylphthalate
Concen: 8.673 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

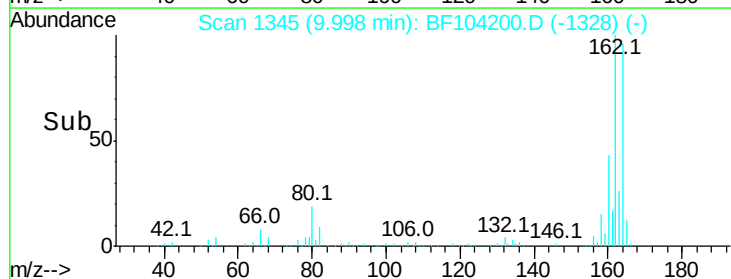
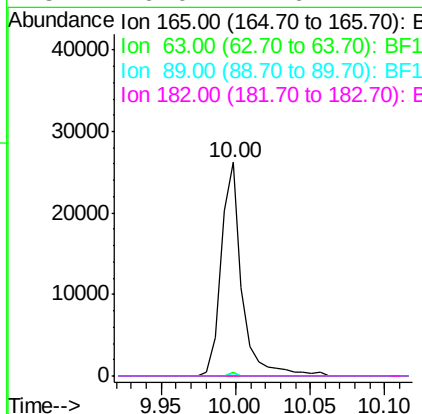
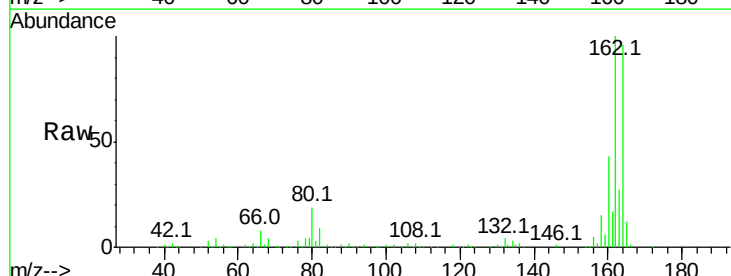
Instrument :
BNA_F
ClientSampleId :

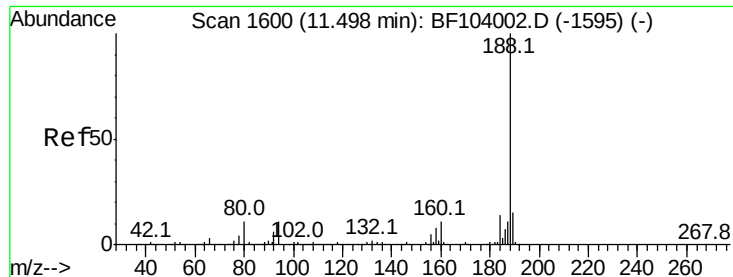
Tot Ion:163 Resp: 143627
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.623 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:165 Resp: 25562
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

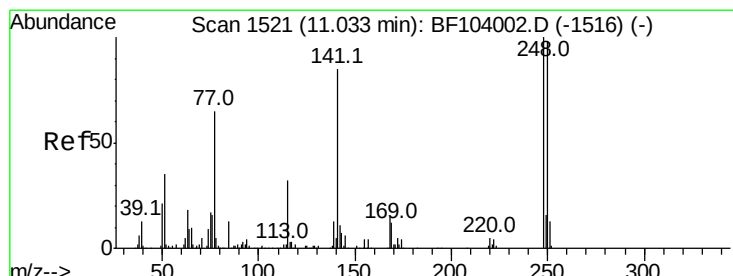
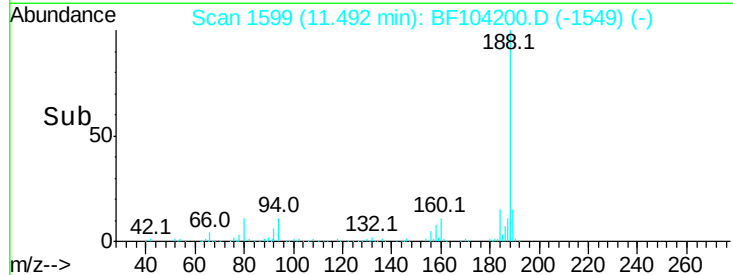
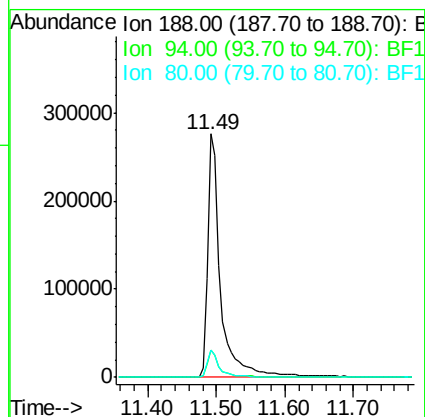
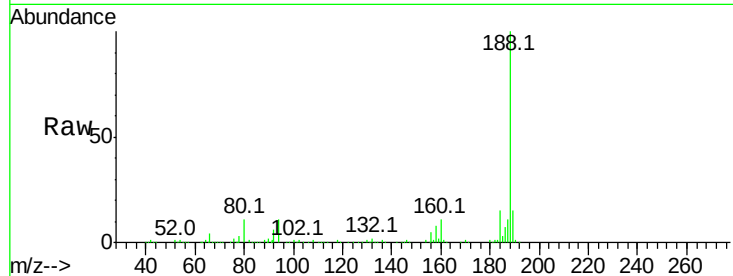




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104200.D
 Acq: 4 Apr 2018 00:34

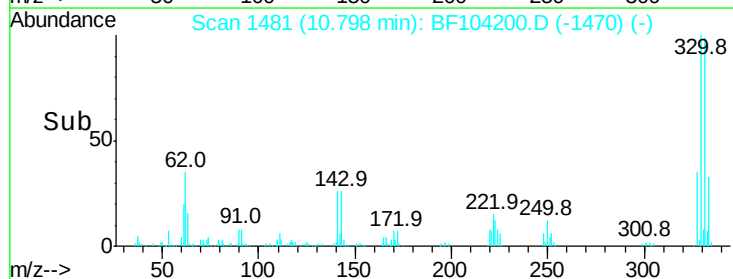
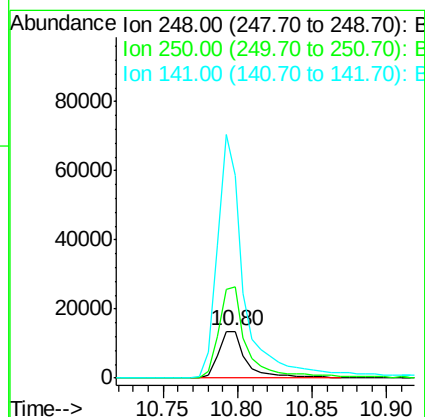
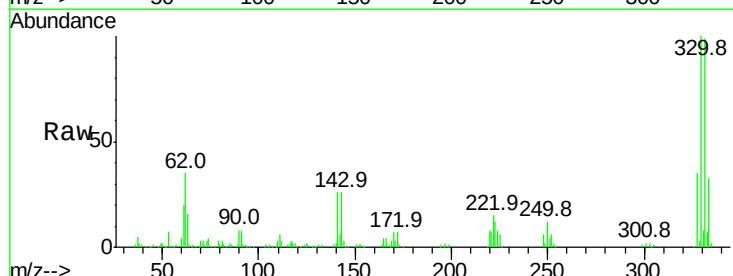
Instrument :
 BNA_F
 ClientSampleId :

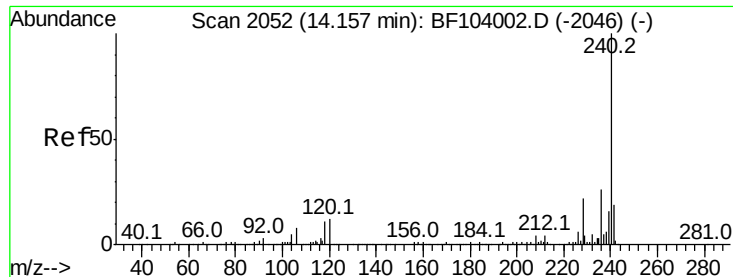
Tot Ion:188 Resp: 372662
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.374 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF104200.D
 Acq: 4 Apr 2018 00:34

Tgt Ion:248 Resp: 17440
 Ion Ratio Lower Upper
 248 100
 250 194.3 76.9 115.3#
 141 430.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampled :

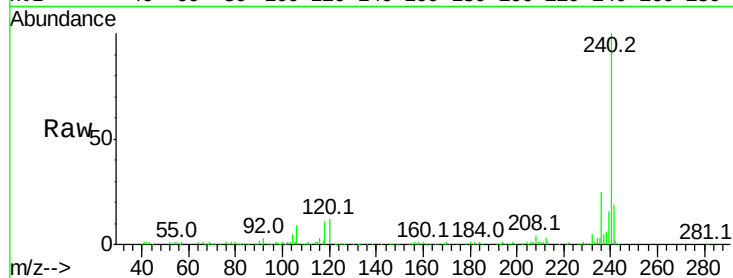
Tot Ion:240 Resp: 249334

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

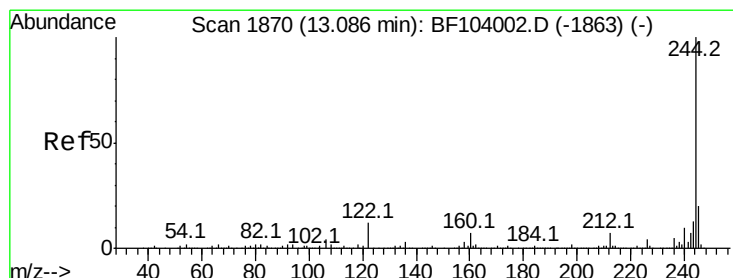
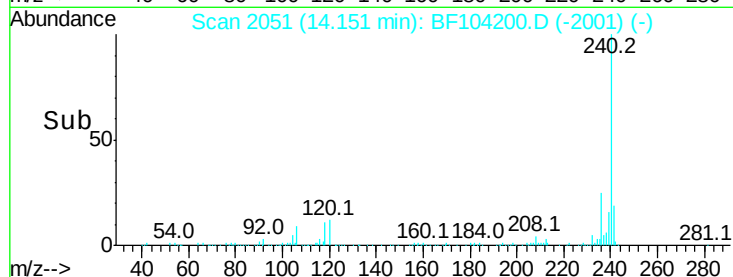
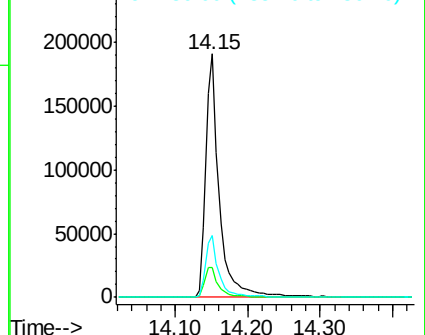
236 25.4 20.7 31.1



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: 95.702 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

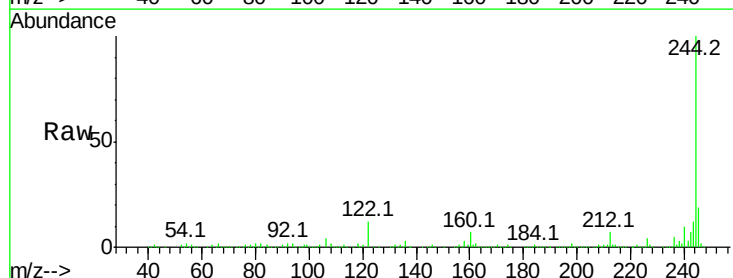
Tgt Ion:244 Resp: 1033446

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

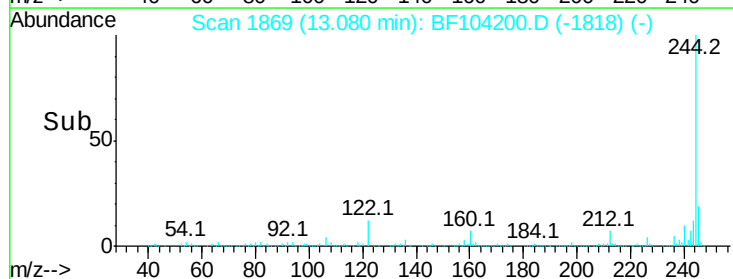
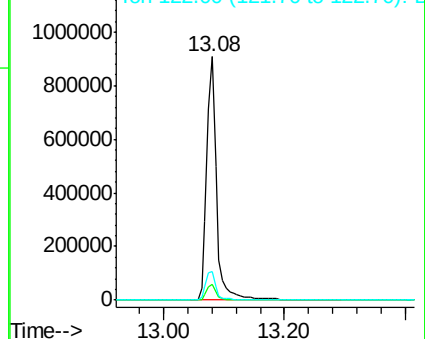
122 11.6 11.0 16.4

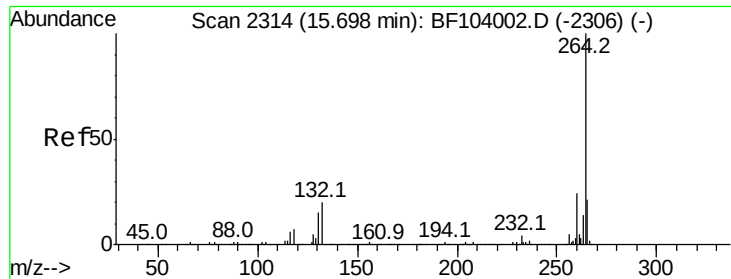


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 221518

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

