

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104968.D
 Acq On : 1 May 2018 7:48
 Operator : JU/SJ
 Sample : J2617-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 08:19:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

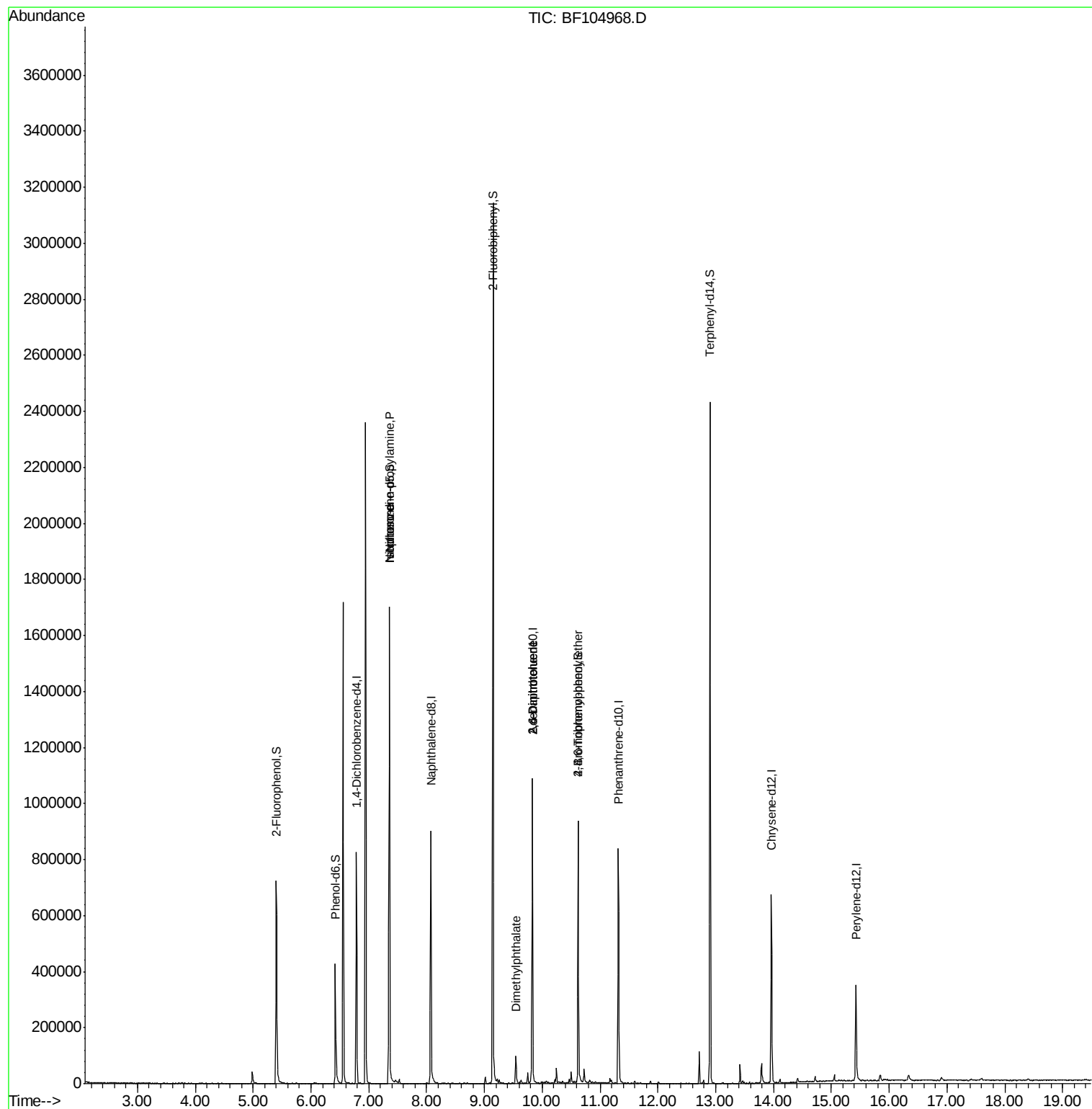
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118462	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	490926	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206151	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	321916	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	237417	20.00	ng	-0.01
86) Perylene-d12	15.43	264	175027	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	244309	31.53	ng	0.00
7) Phenol-d6	6.42	99	177390	18.64	ng	-0.02
23) Nitrobenzene-d5	7.36	82	622978	82.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	136358	63.76	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1082071	82.92	ng	0.00
78) Terphenyl-d14	12.90	244	814432	78.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80660	12.97	ng	# 72
25) Isophorone	7.36	82	622974	39.18	ng	# 64
49) Dimethylphthalate	9.55	163	46944	2.89	ng	96
50) 2,6-Dinitrotoluene	9.83	165	26743	8.89	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	26743	6.78	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8045	2.35	ng	# 1
76) Benzidine	12.90	184	10699	Below Cal		# 96

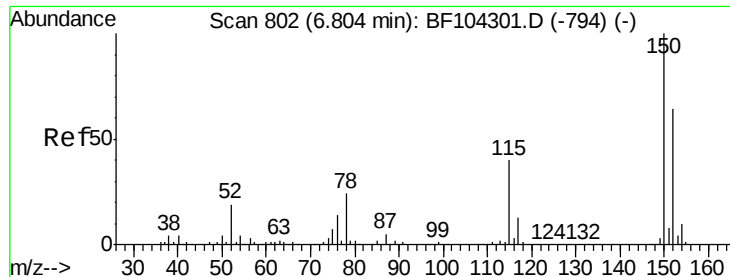
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

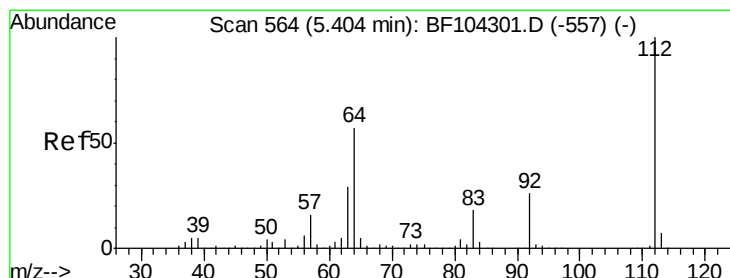
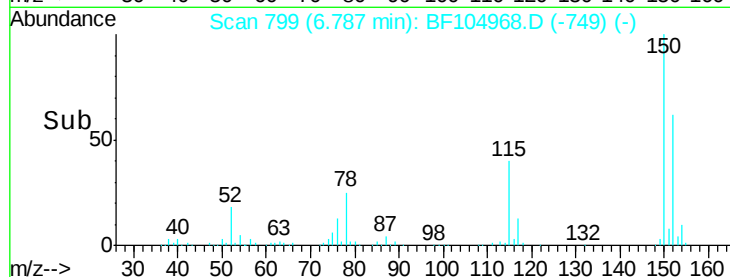
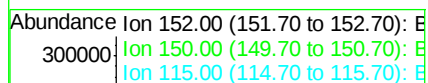
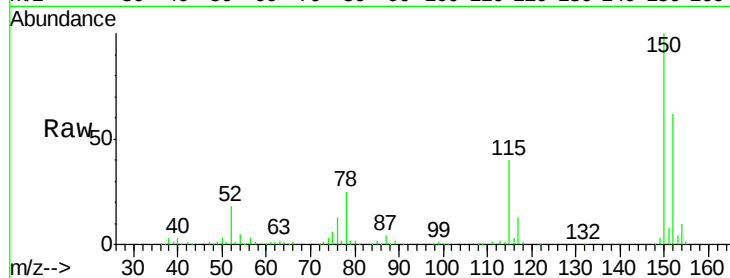
Tot Ion:152 Resp: 118462

Ion Ratio Lower Upper

152 100

150 160.3 124.6 186.8

115 64.6 50.1 75.1



#5

2-Fluorophenol

Concen: 31.53 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

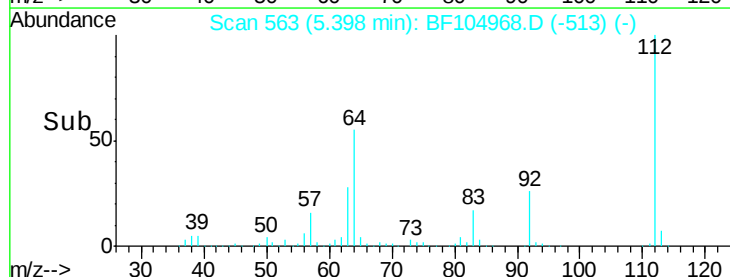
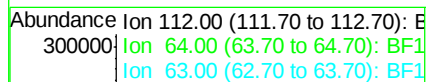
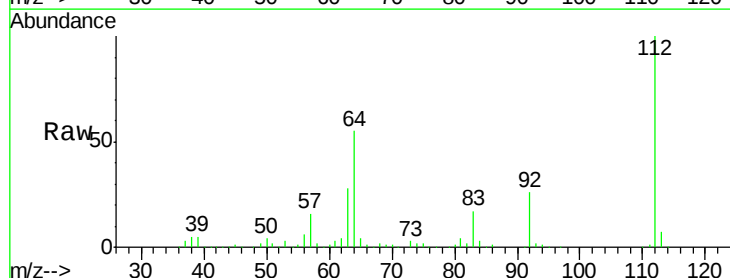
Tgt Ion:112 Resp: 244309

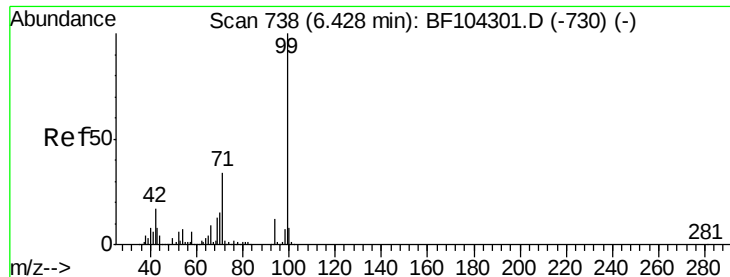
Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 18.64 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

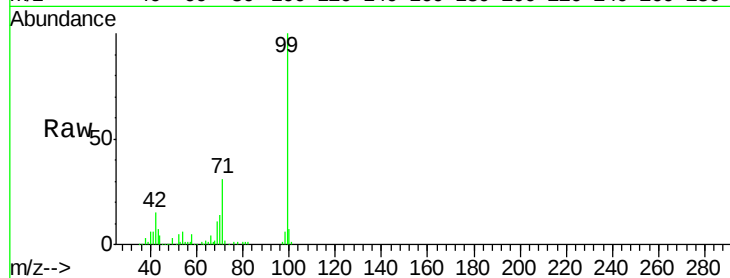
Tot Ion: 99 Resp: 177390

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

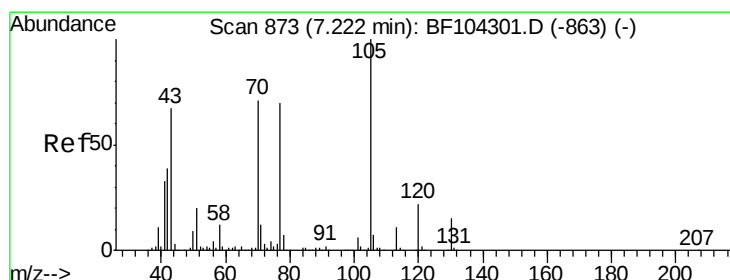
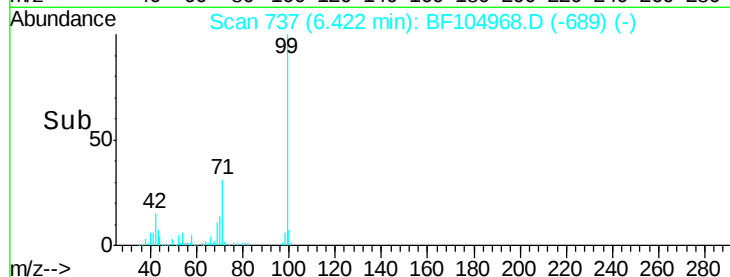
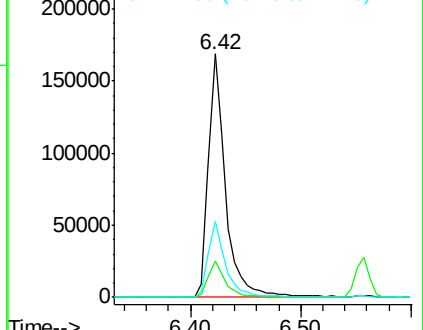
71 31.4 25.4 38.0



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: 12.97 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Tgt Ion: 70 Resp: 80660

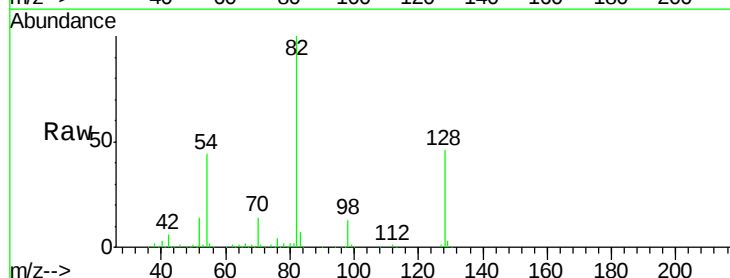
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

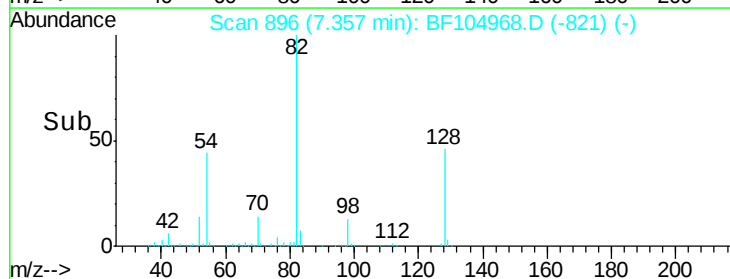
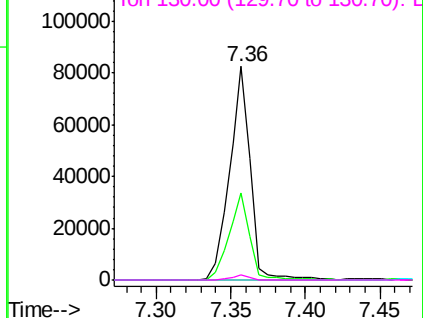


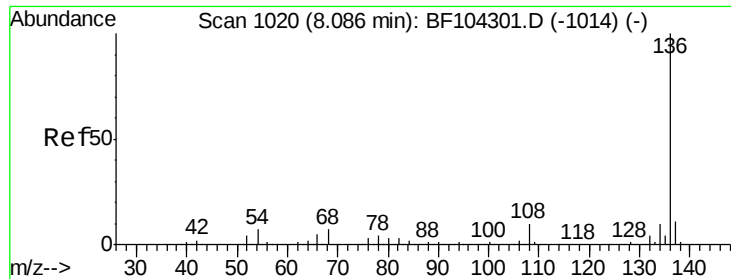
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

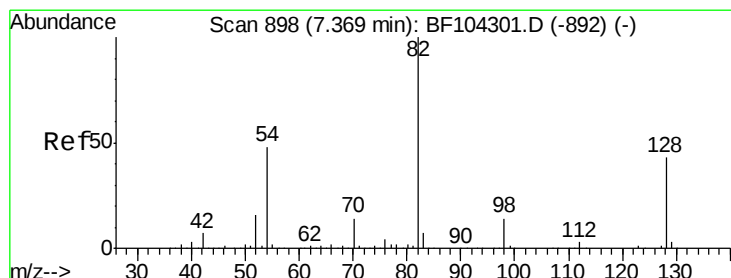
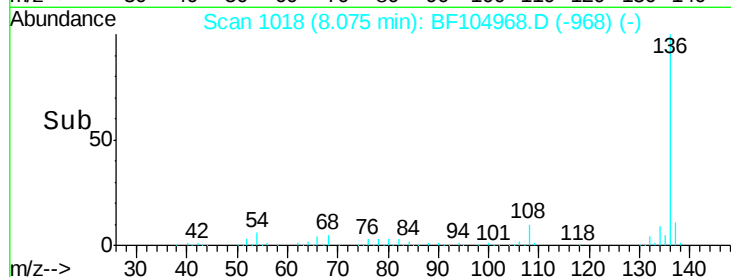
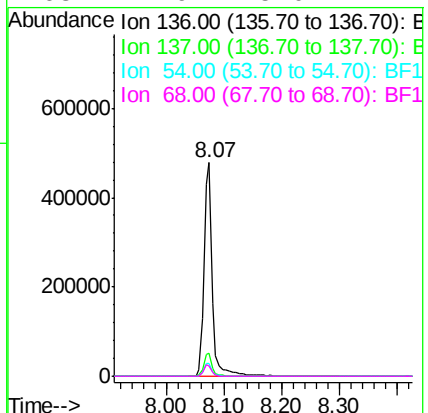
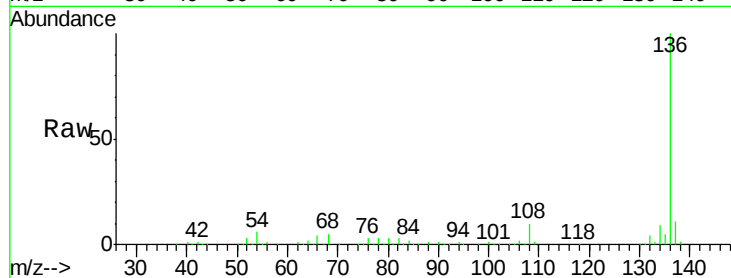




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

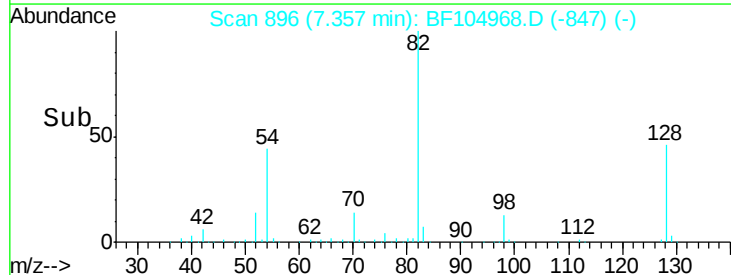
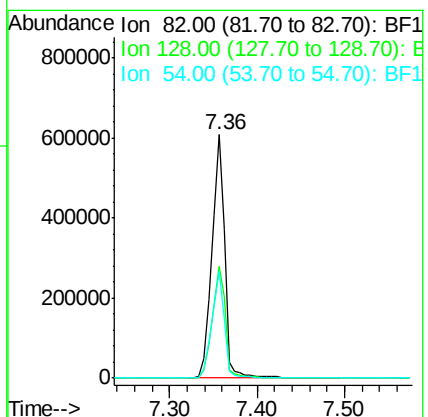
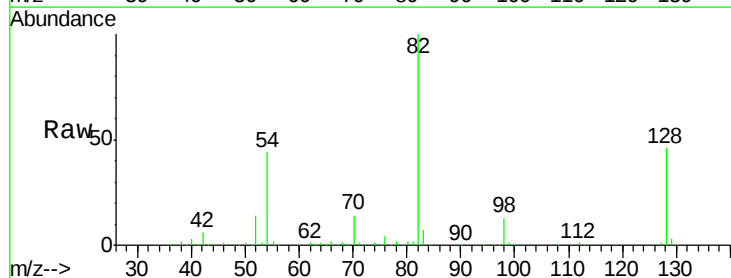
Instrument :
BNA_F
ClientSampleId :

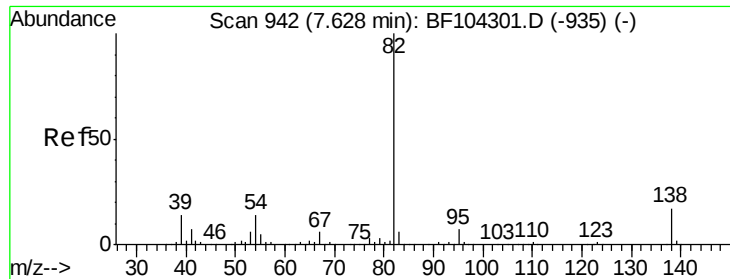
Tot Ion:136	Resp:	490926
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	5.8	6.6 9.8#
68	4.9	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 82.86 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Tgt Ion: 82	Resp:	622978
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	44.0	41.4 62.2





#25

Isophorone

Concen: 39.18 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

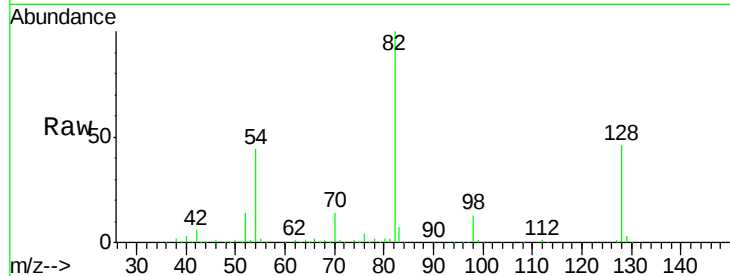
Tot Ion: 82 Resp: 622974

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

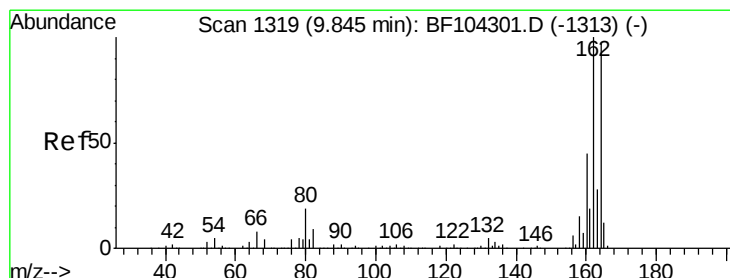
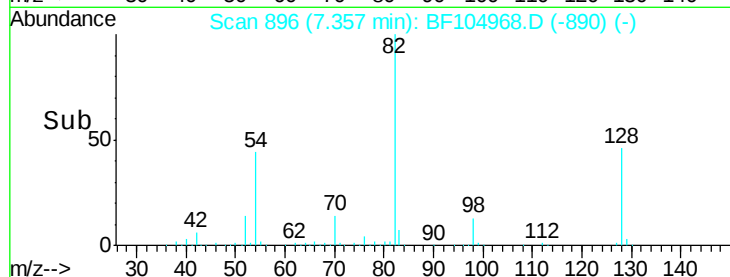
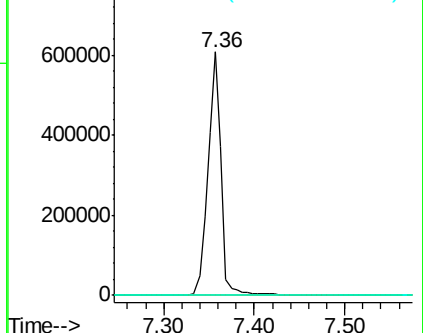
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

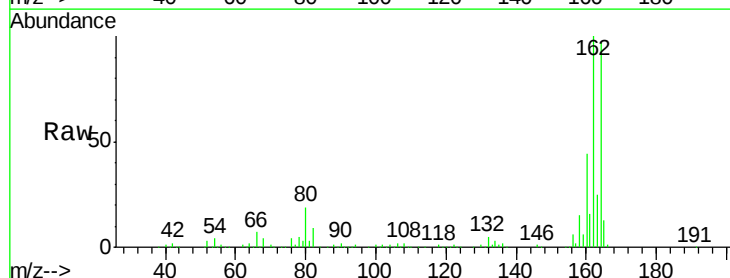
Tgt Ion: 164 Resp: 206151

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

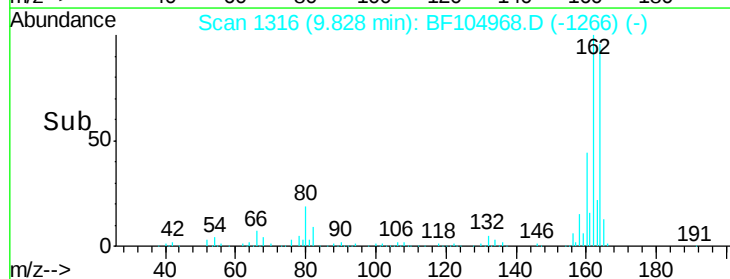
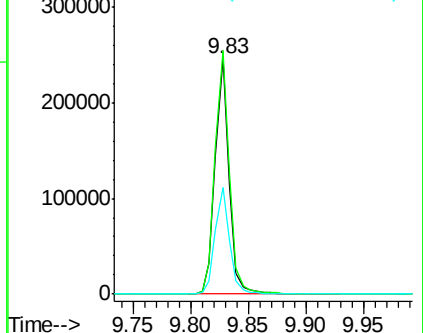
160 45.6 38.3 57.5

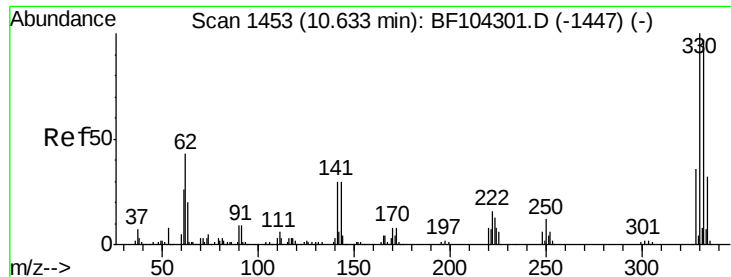


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

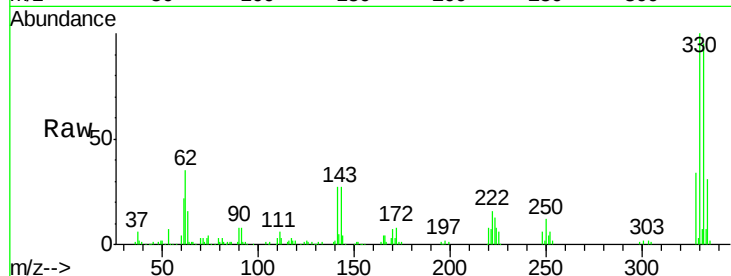




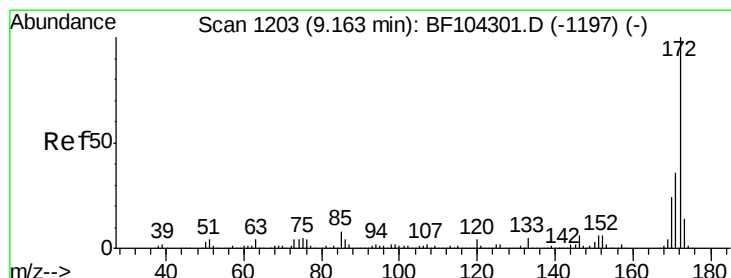
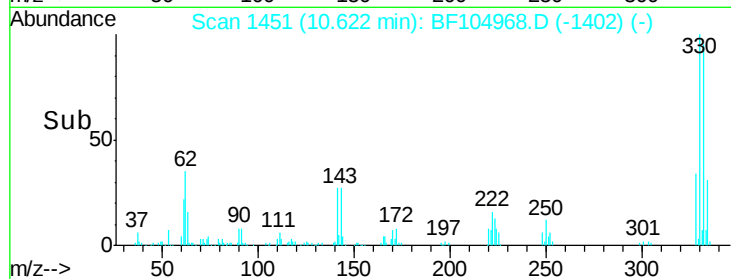
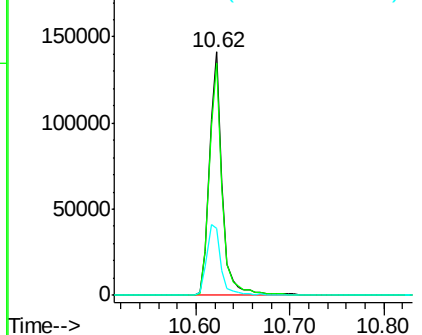
#41
 2,4,6-Tribromophenol
 Concen: 63.76 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.3	29.9	44.9

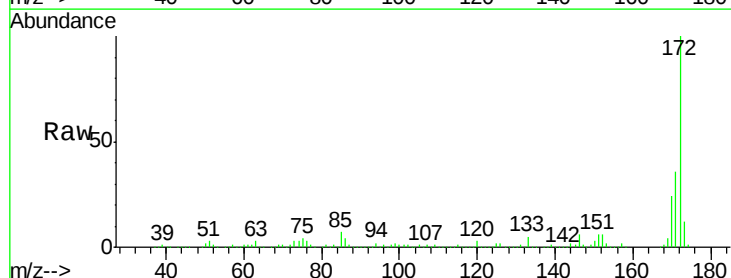


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

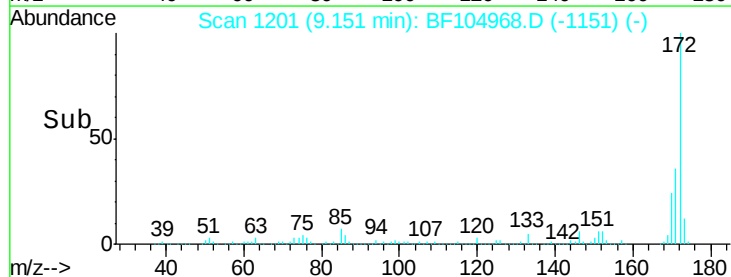
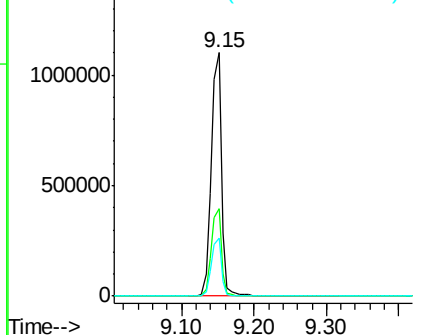


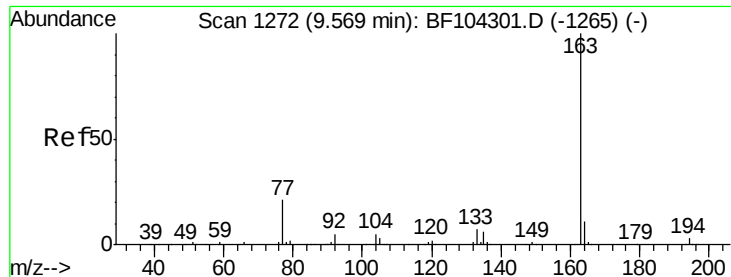
#44
 2-Fluorobiphenyl
 Concen: 82.92 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	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

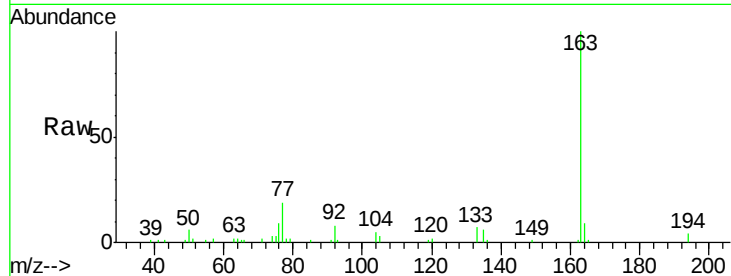




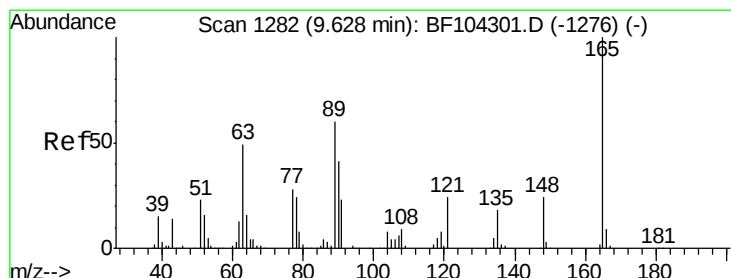
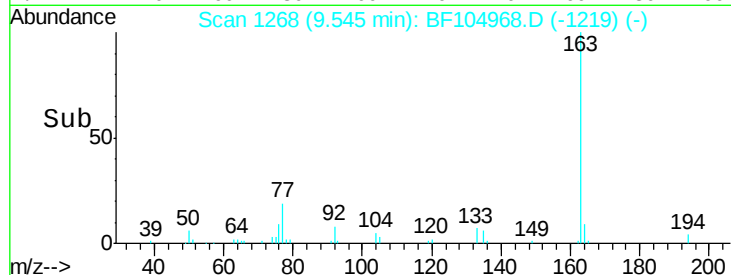
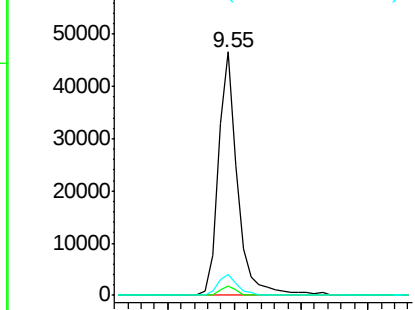
#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 46944
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 8.6 8.2 12.2

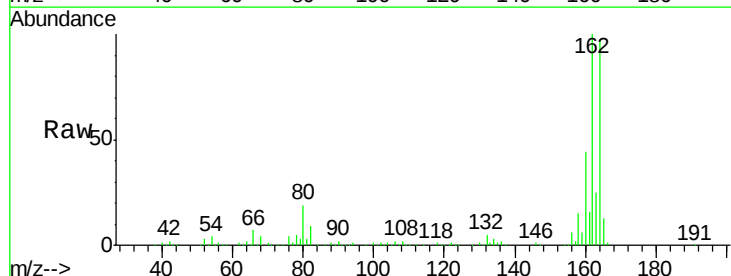


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

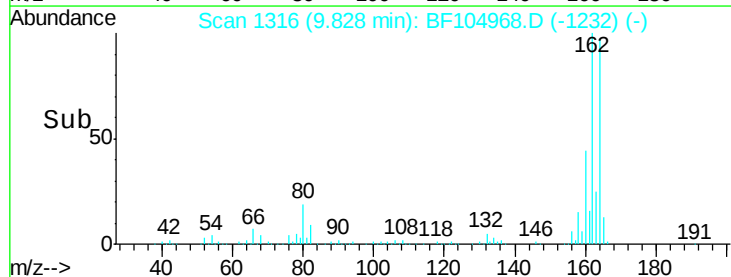
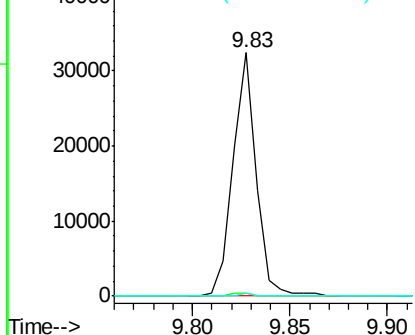


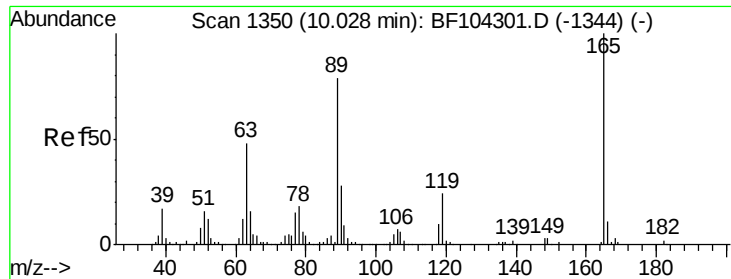
#50
2,6-Dinitrotoluene
Concen: 8.89 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Tgt Ion:165 Resp: 26743
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.1 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

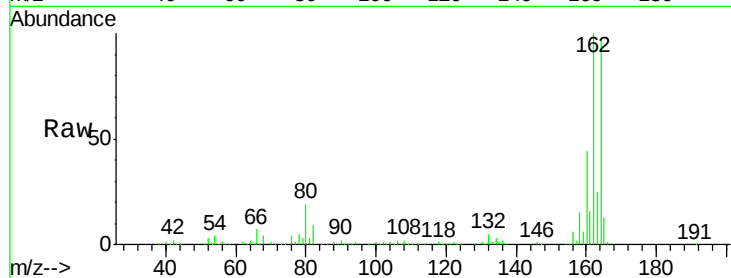




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

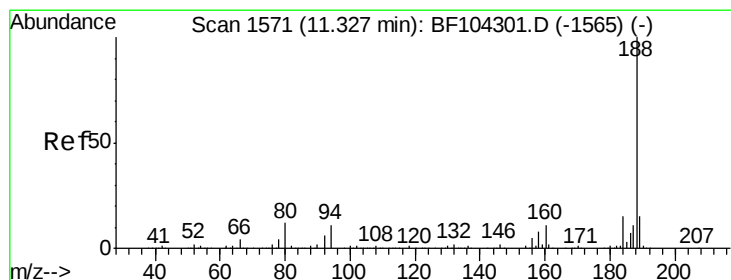
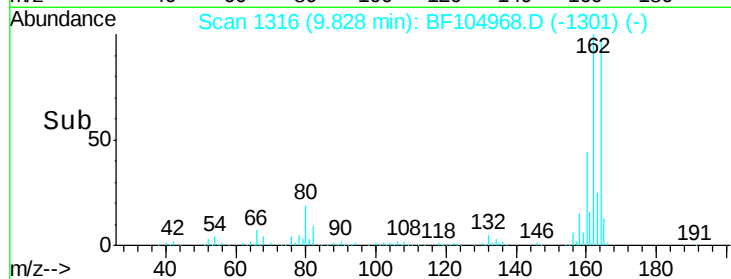
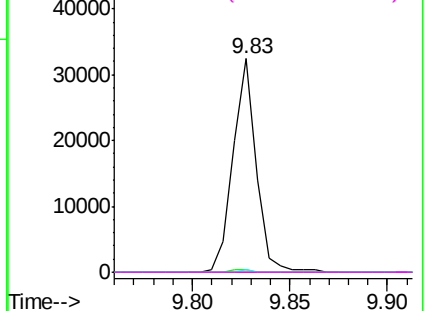


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

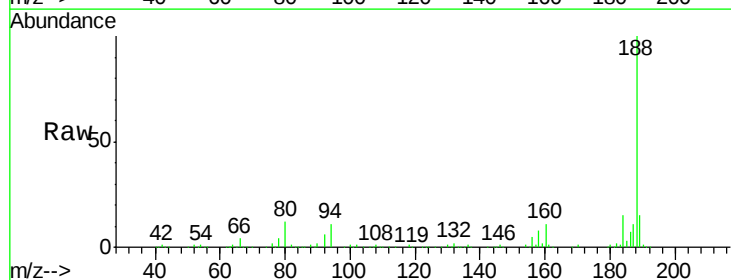
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

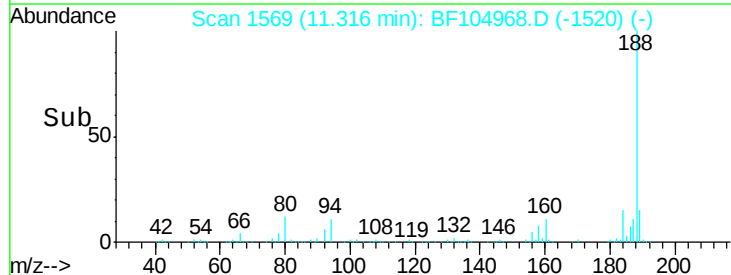
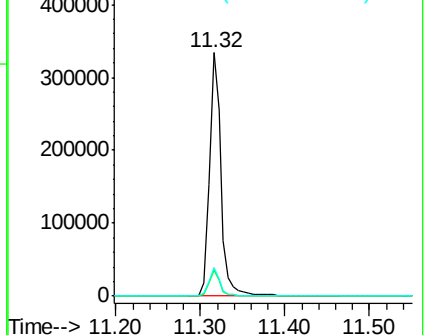
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.8	9.2	13.8

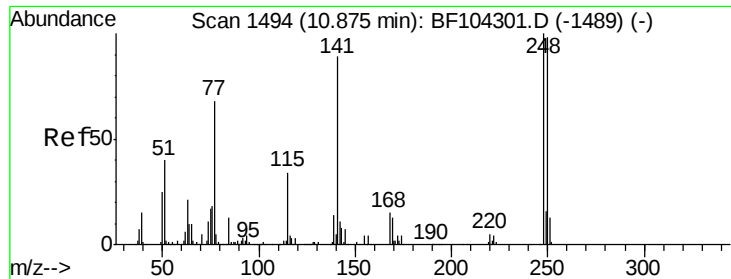


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

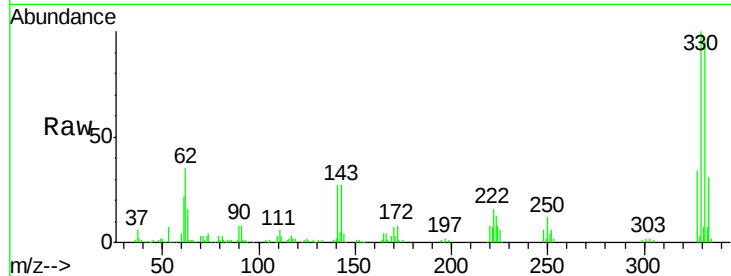




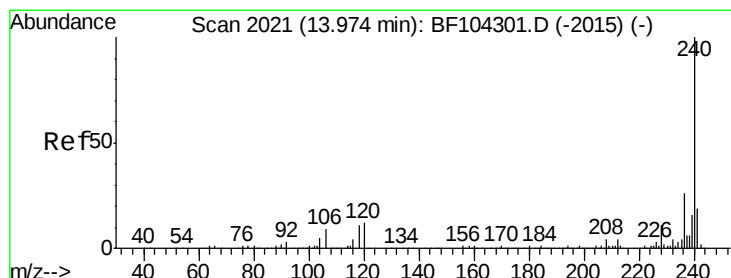
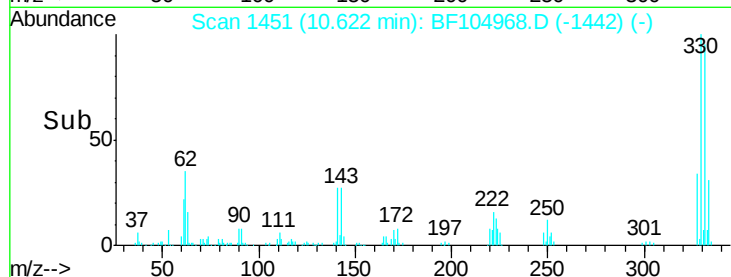
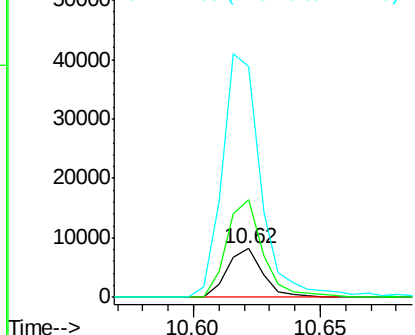
#66
4-Bromophenyl-phenylether
Concen: 2.35 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8045
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 472.2 74.4 111.6#

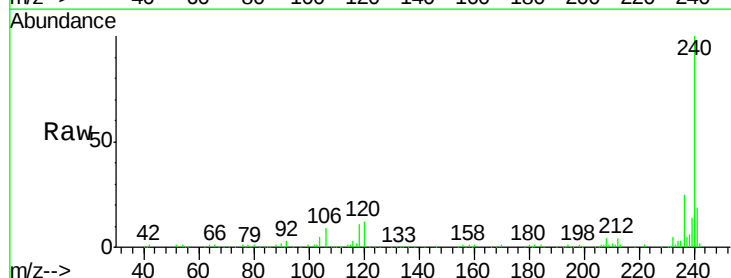


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

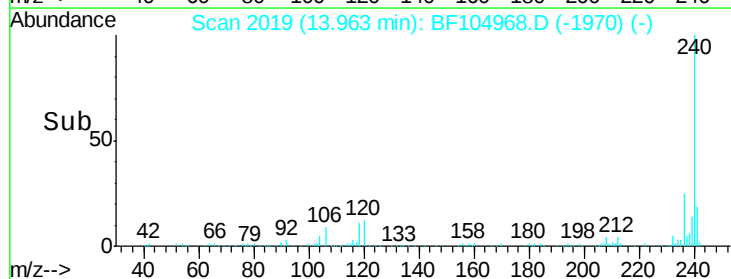
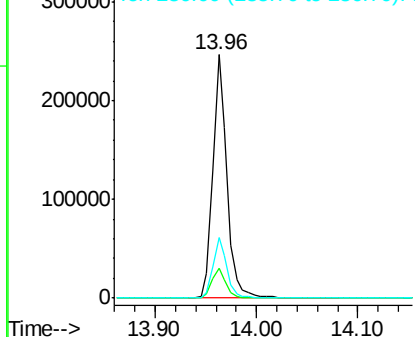


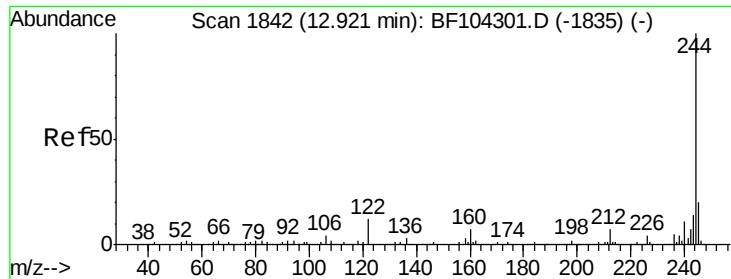
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Tgt Ion:240 Resp: 237417
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.8 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

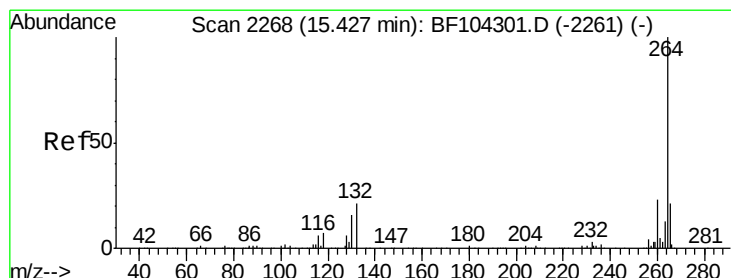
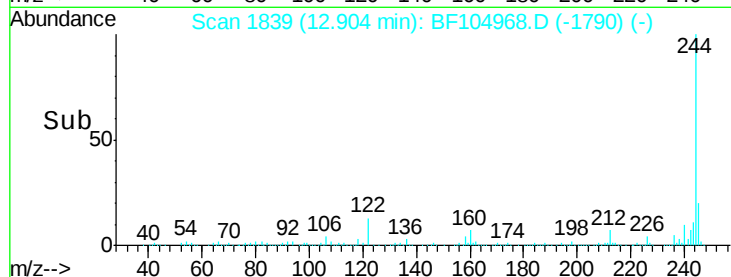
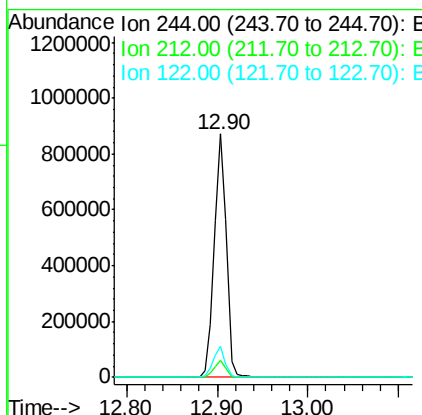
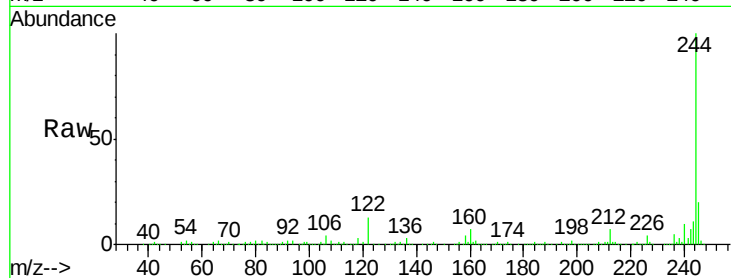




#78
 Terphenyl-d14
 Concen: 78.21 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 814432
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Tgt Ion:264 Resp: 175027
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.0 17.5 26.3

