

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103911.D
 Acq On : 24 Mar 2018 7:03
 Operator : JU/SJ
 Sample : PB107612BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 26 01:08:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

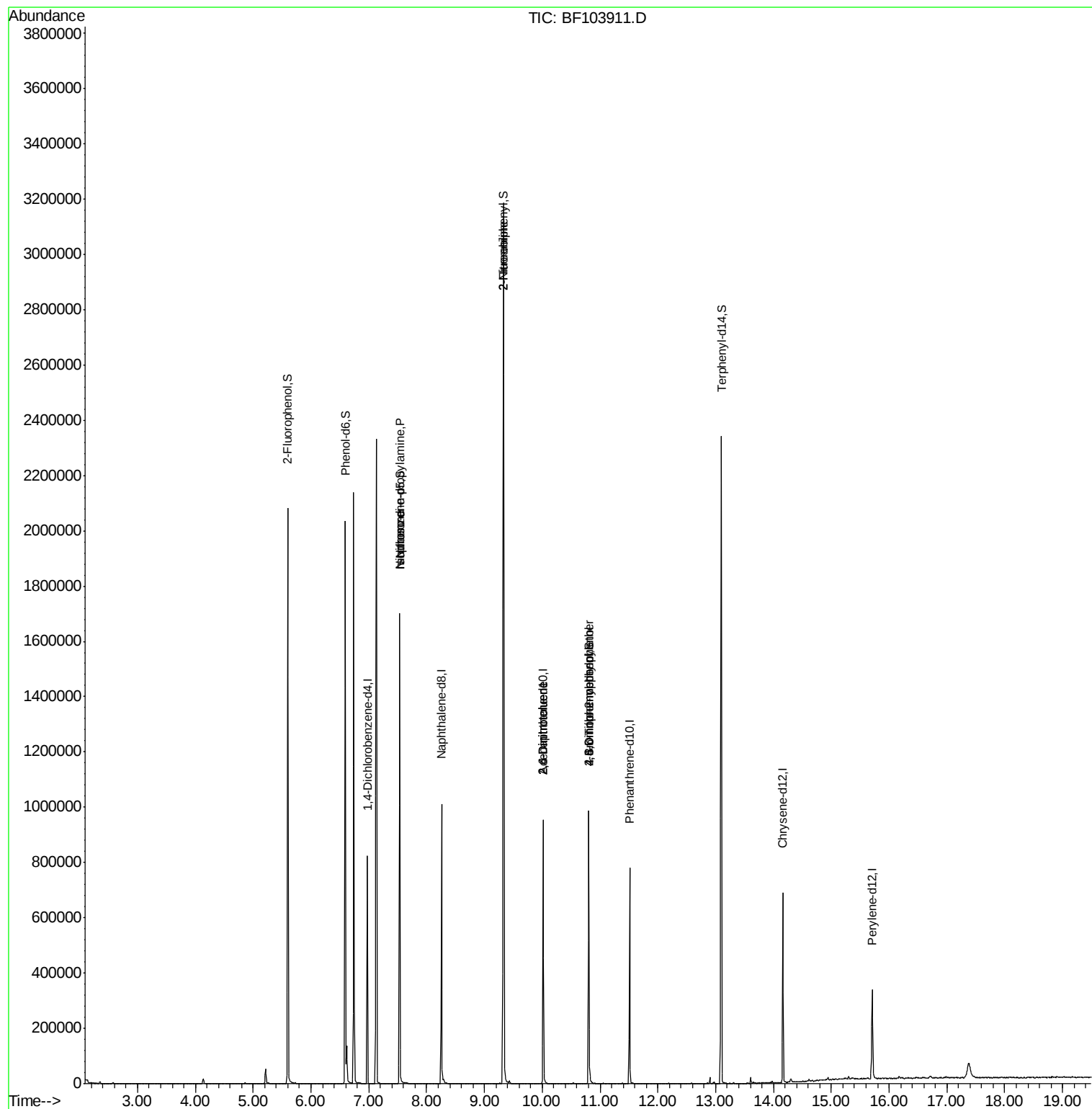
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120512	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	464355	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	186145	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	282018	20.00	ng	0.00
75) Chrysene-d12	14.16	240	230008	20.00	ng	0.00
86) Perylene-d12	15.71	264	165059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	595809	75.20	ng	0.00
7) Phenol-d6	6.59	99	710285	73.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	576806	86.62	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	125011	78.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1071121	91.79	ng	0.00
78) Terphenyl-d14	13.10	244	813627	82.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	73420	11.819	ng	# 72
25) Isophorone	7.53	82	576801	37.419	ng	# 64
47) 2-Nitroaniline	9.33	65	1330	7.168	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	23303	11.762	ng	# 24
56) 2,4-Dinitrotoluene	10.02	165	23303	12.042	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	126	8.250	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	8104	2.799	ng	# 1

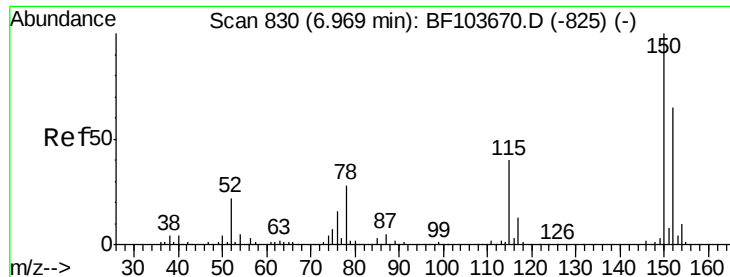
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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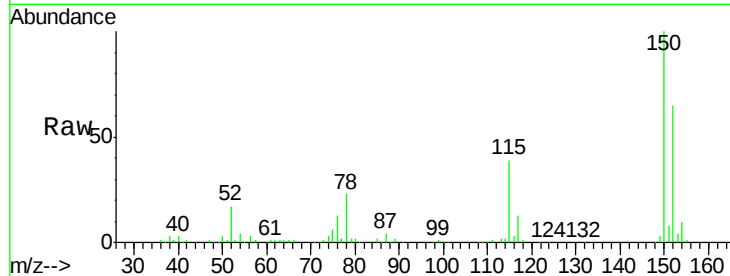


#1

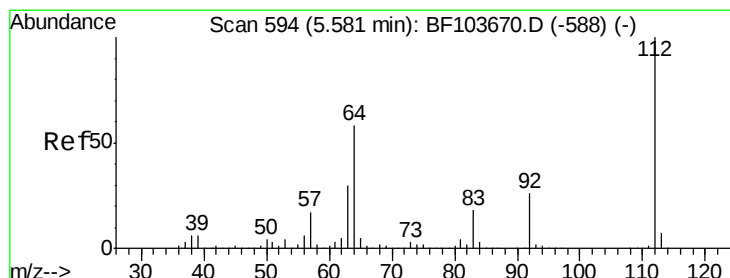
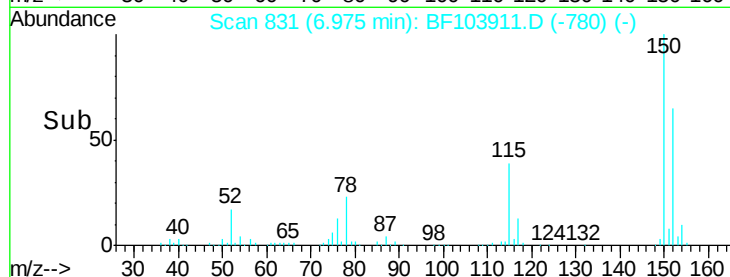
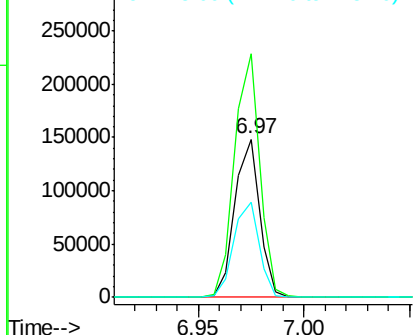
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120512
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.3 50.1 75.1



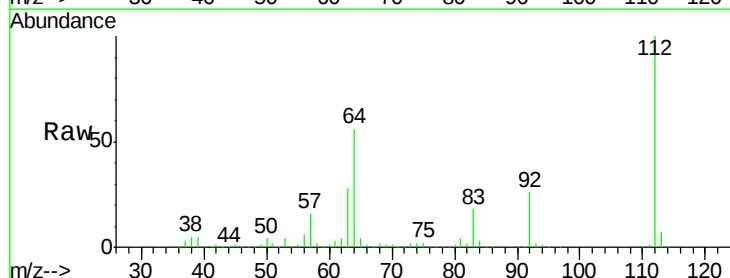
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



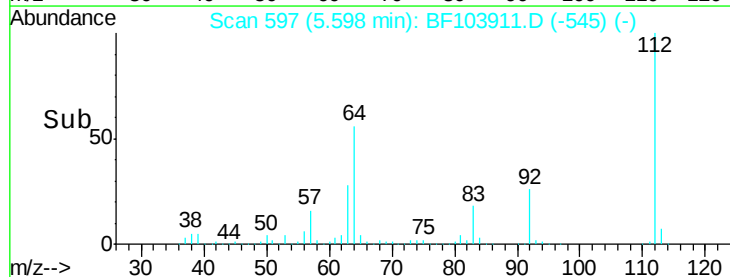
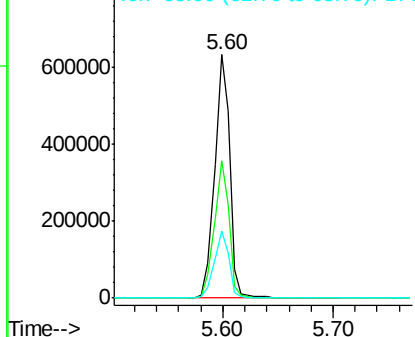
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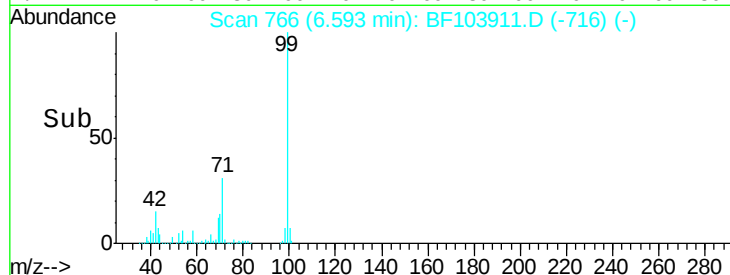
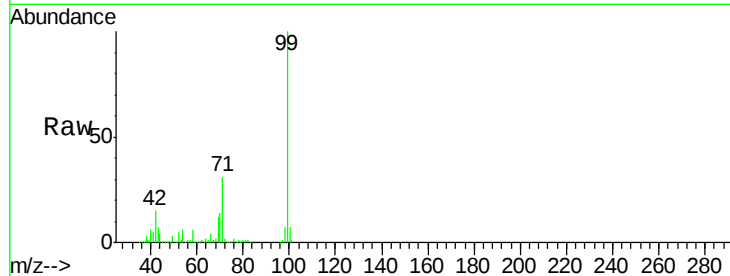
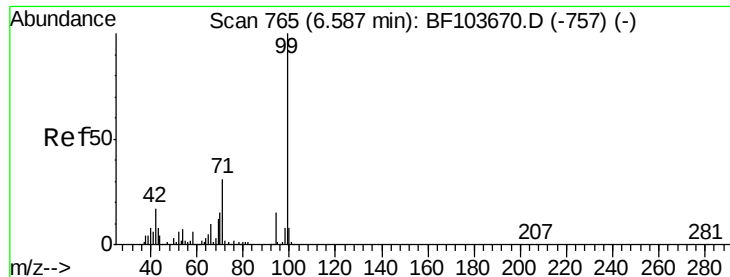
2-Fluorophenol
Concen: 75.198 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Tgt Ion:112 Resp: 595809
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.7 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: 73.274 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Instrument :

BNA_F

ClientSampled :

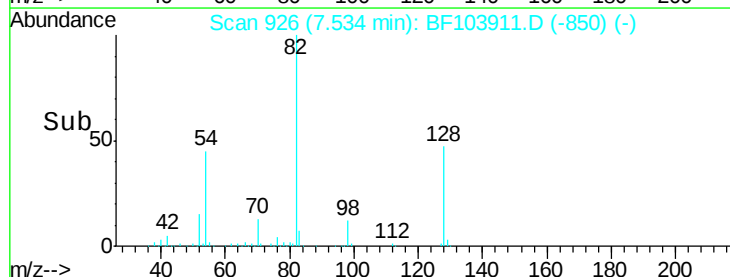
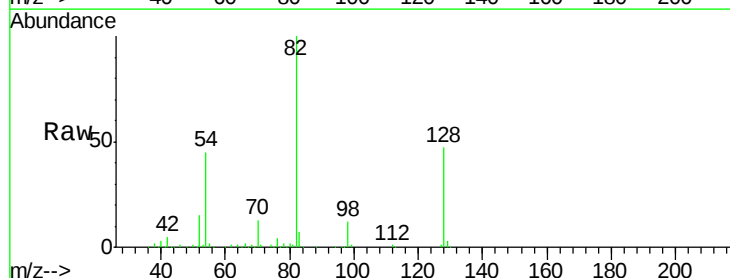
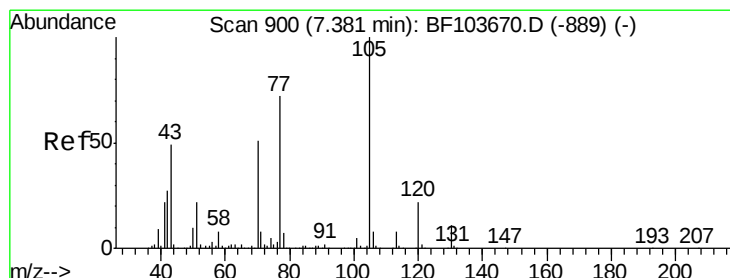
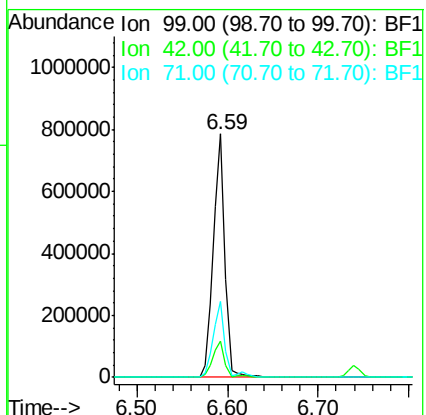
Tot Ion: 99 Resp: 710285

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.819 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Tgt Ion: 70 Resp: 73420

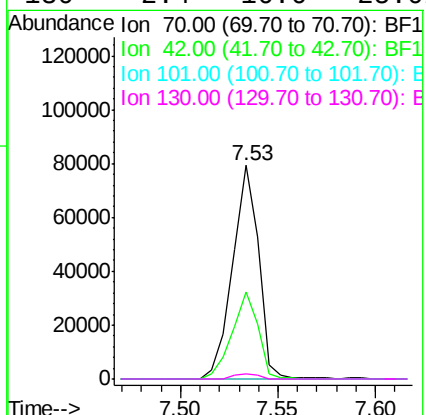
Ion Ratio Lower Upper

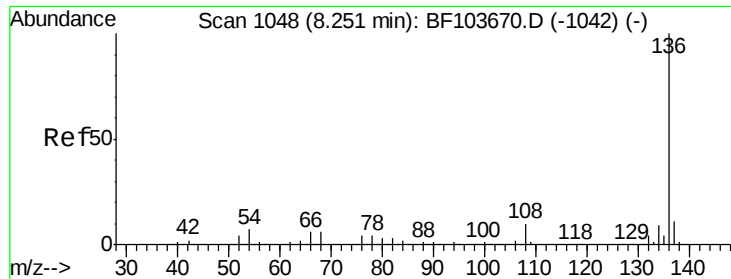
70 100

42 41.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

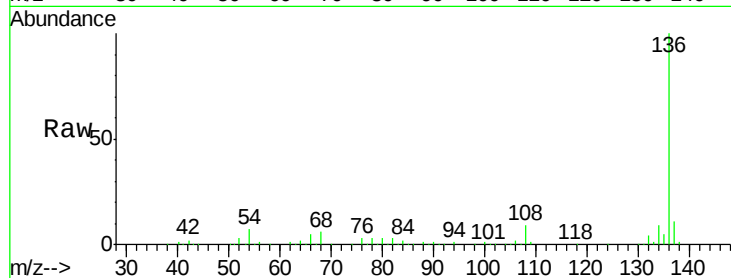




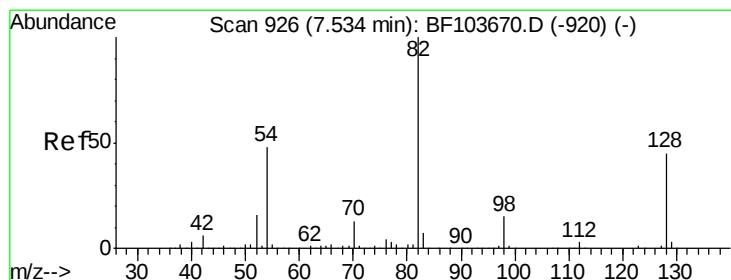
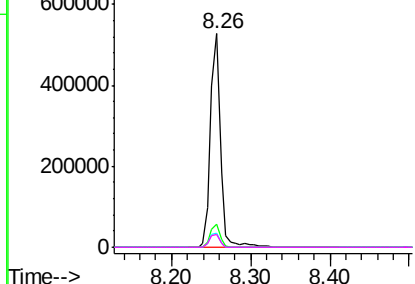
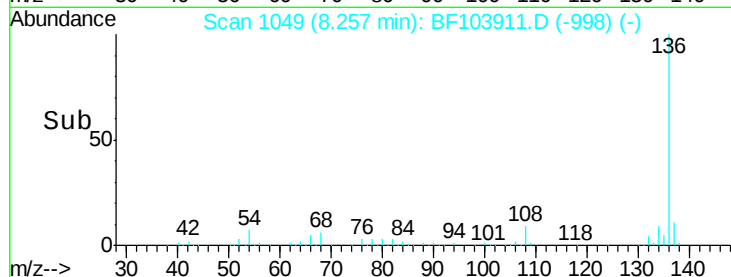
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	464355
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.6	6.6 9.8
68	5.9	5.0 7.4

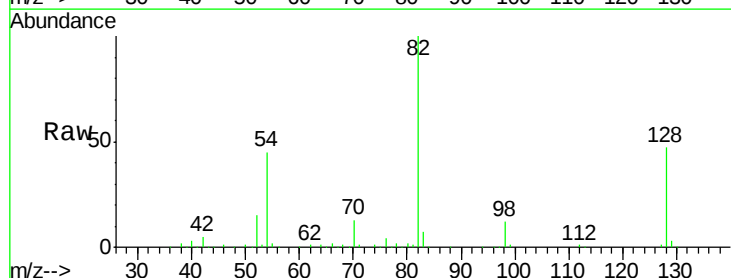


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

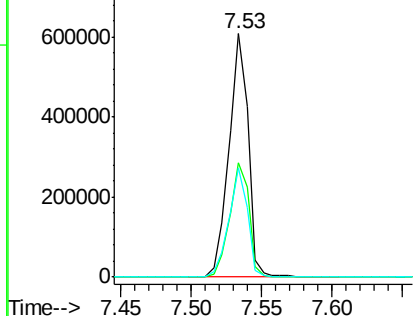
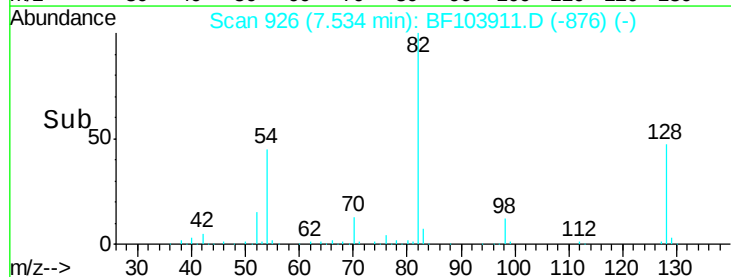


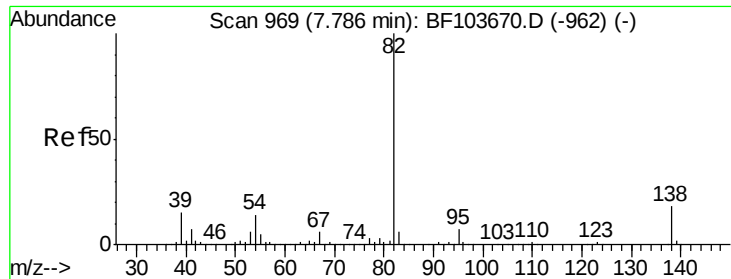
#23
Nitrobenzene-d5
Concen: 86.624 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103911.D
Acq: 24 Mar 2018 7:03

Tgt Ion: 82	Resp:	576806
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	44.9	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: 37.419 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Instrument :

BNA_F

ClientSampleId :

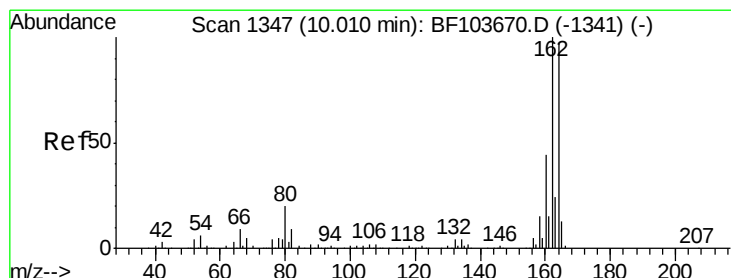
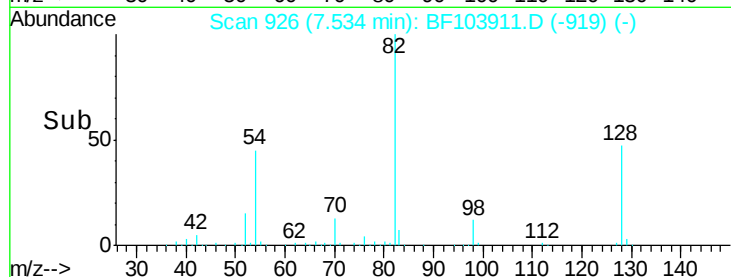
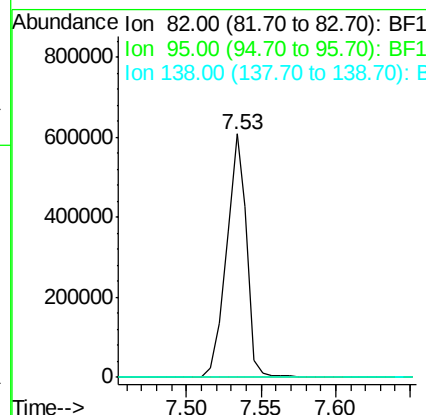
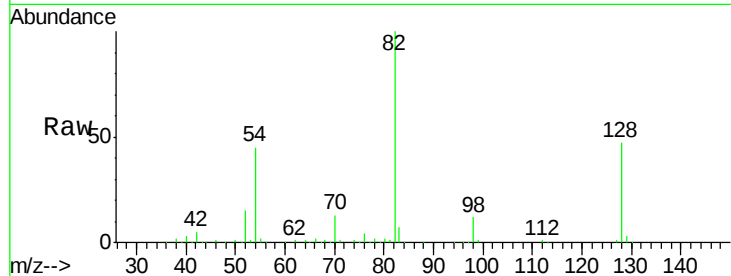
Tot Ion: 82 Resp: 576801

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

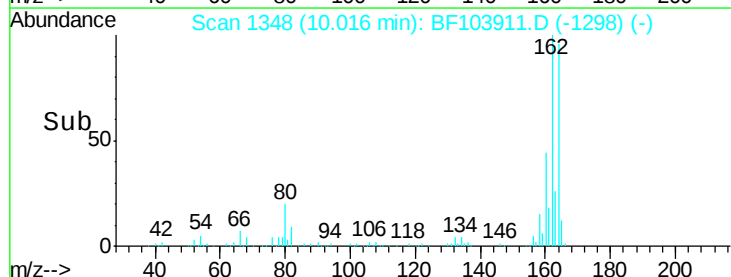
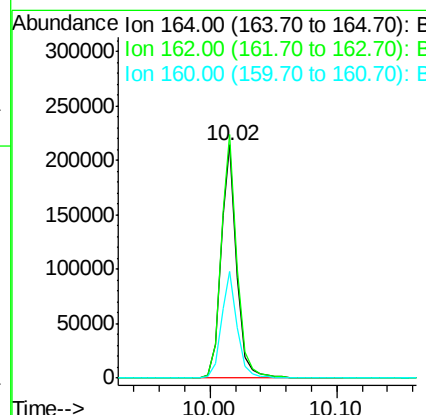
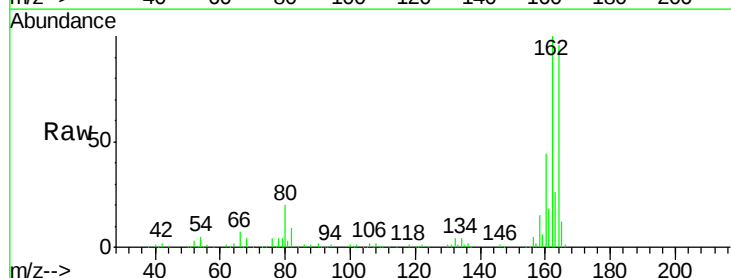
Tgt Ion:164 Resp: 186145

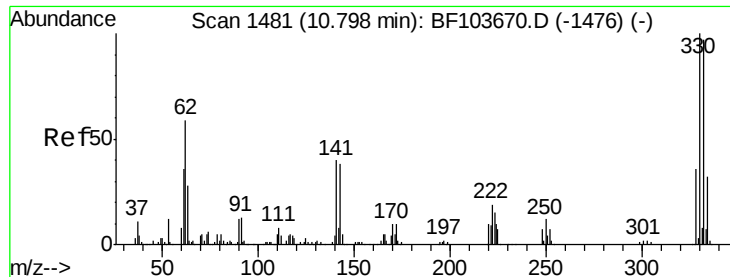
Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

160 45.8 38.3 57.5

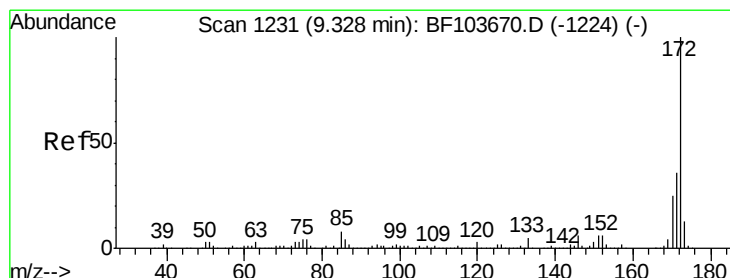
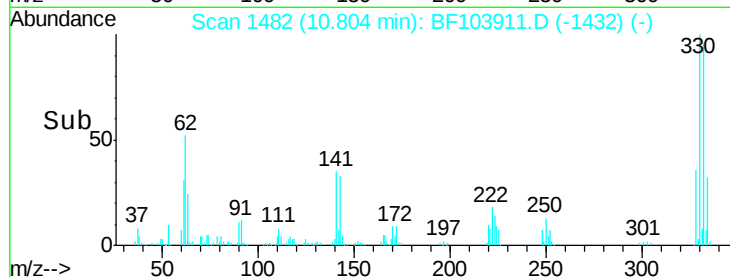
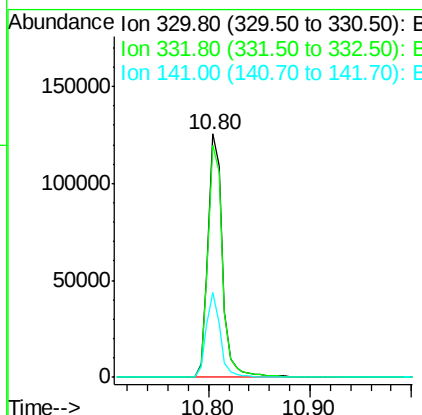
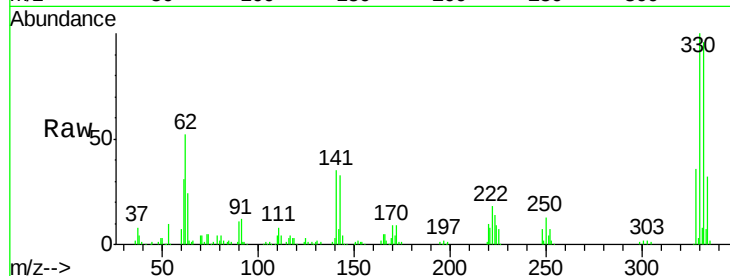




#41
 2,4,6-Tribromophenol
 Concen: 78.108 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

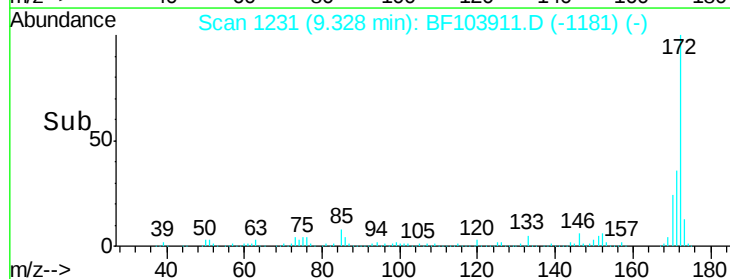
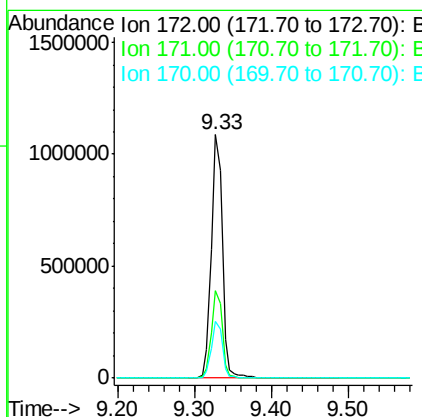
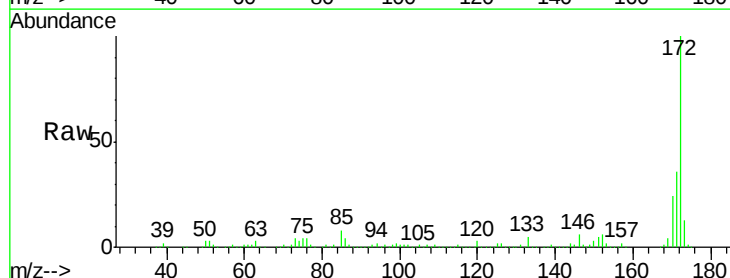
Instrument :
 BNA_F
 ClientSampleId :

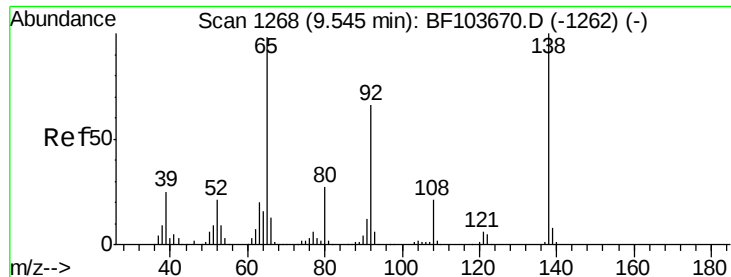
Tot Ion:330 Resp: 125011
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.789 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion:172 Resp: 1071121
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4

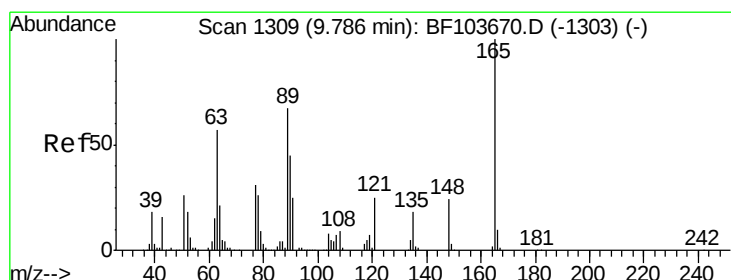
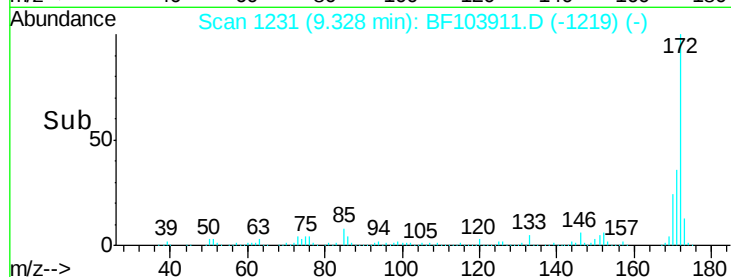
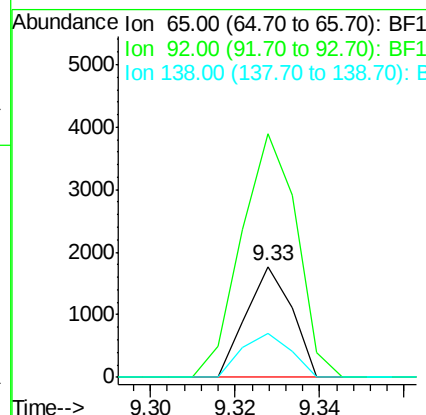
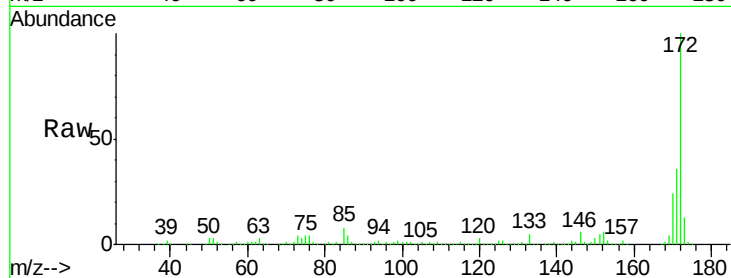




#47
 2-Nitroaniline
 Concen: 7.168 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.23 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

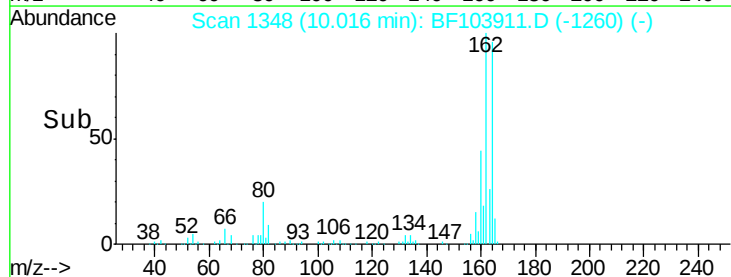
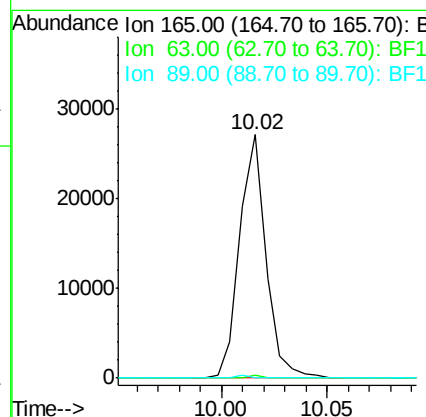
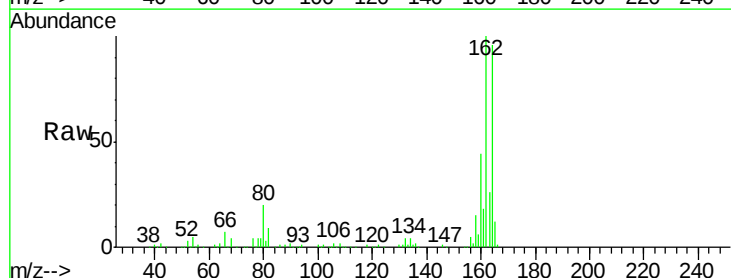
Instrument :
 BNA_F
 ClientSampleId :

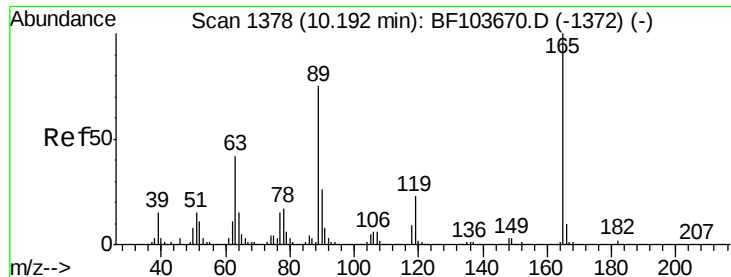
Tot Ion	Ratio	Lower	Upper
65	100		
92	219.9	55.8	83.6#
138	39.5	91.2	136.8#



#50
 2,6-Dinitrotoluene
 Concen: 11.762 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.22 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#

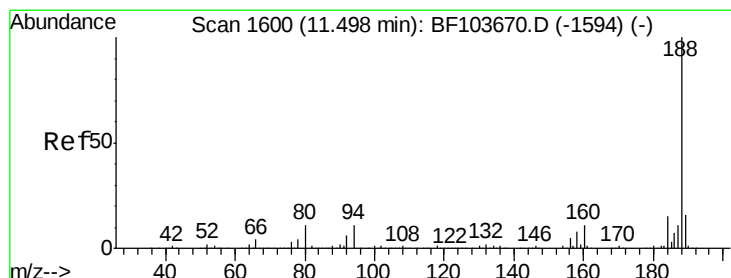
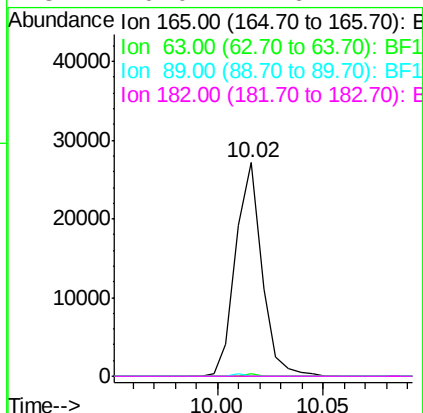
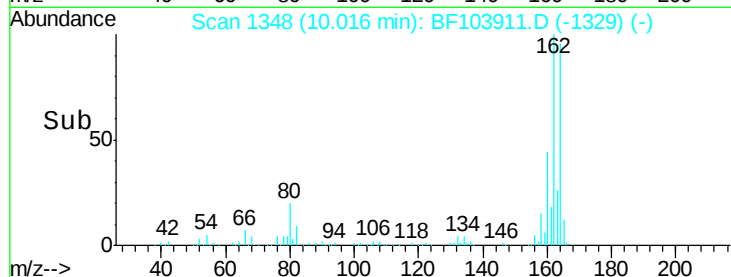
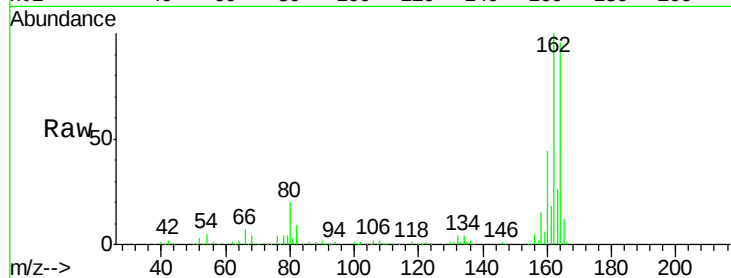




#56
 2,4-Dinitrotoluene
 Concen: 12.042 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

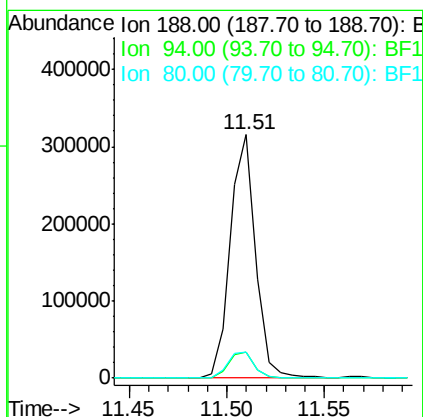
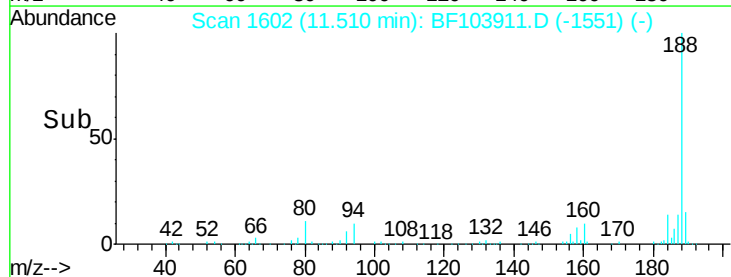
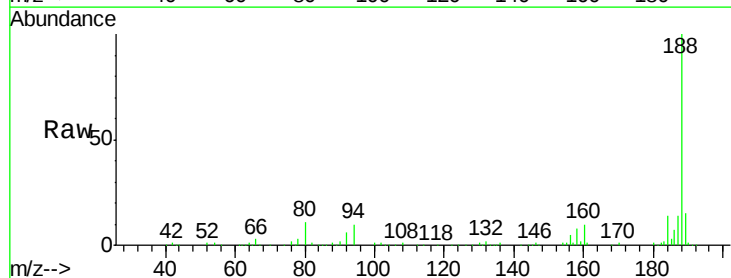
Instrument :
 BNA_F
 ClientSampleId :

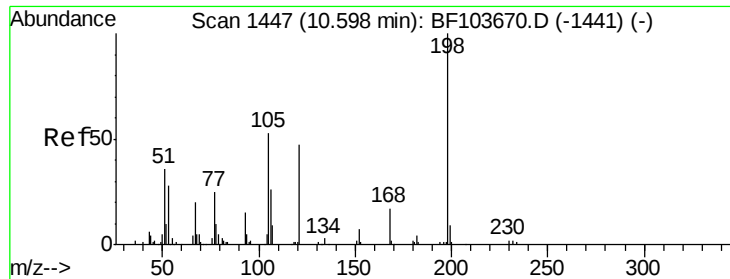
Tot Ion:	165	Resp:	23303
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion:	188	Resp:	282018
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.6	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.250 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.19 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

Instrument :

BNA_F

ClientSampleId :

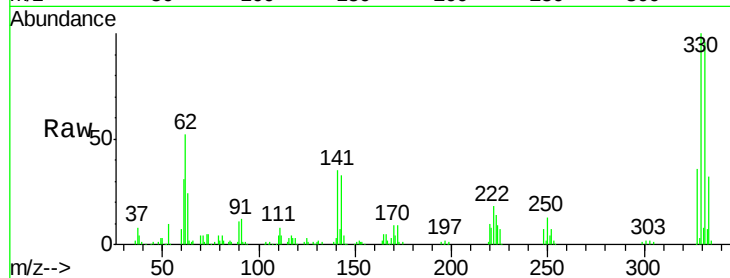
Tot Ion:198 Resp: 126

Ion Ratio Lower Upper

198 100

51 122.8 37.7 77.7#

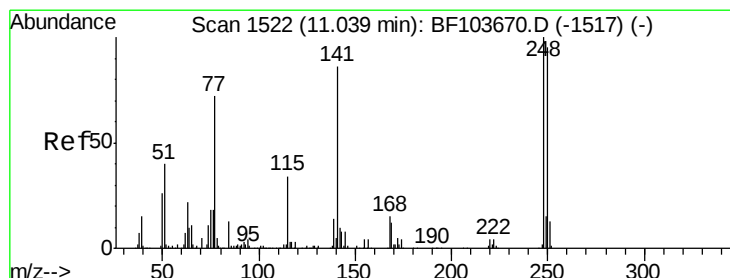
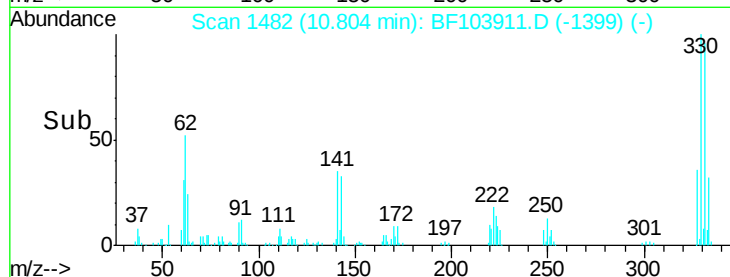
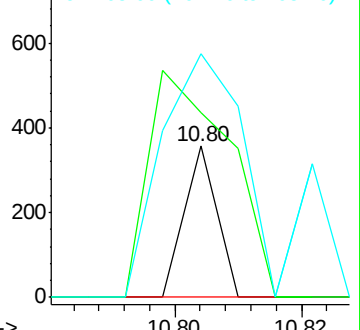
105 161.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.799 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF103911.D

Acq: 24 Mar 2018 7:03

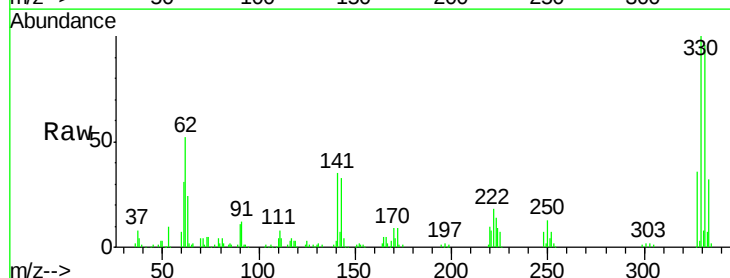
Tgt Ion:248 Resp: 8104

Ion Ratio Lower Upper

248 100

250 187.9 76.9 115.3#

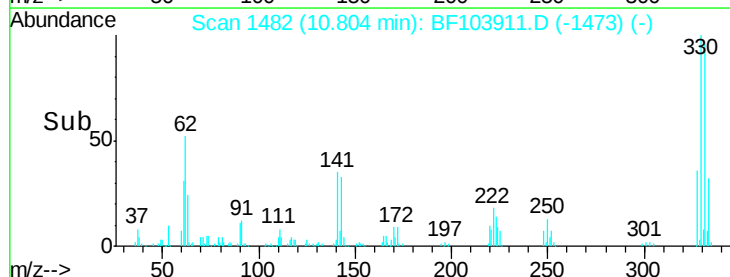
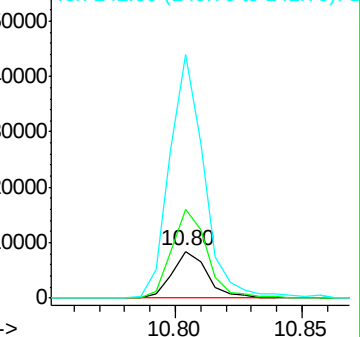
141 517.9 74.4 111.6#

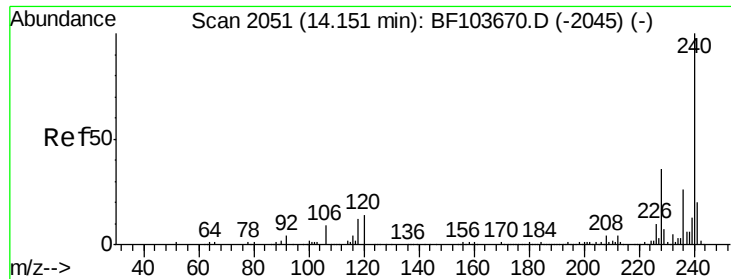


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

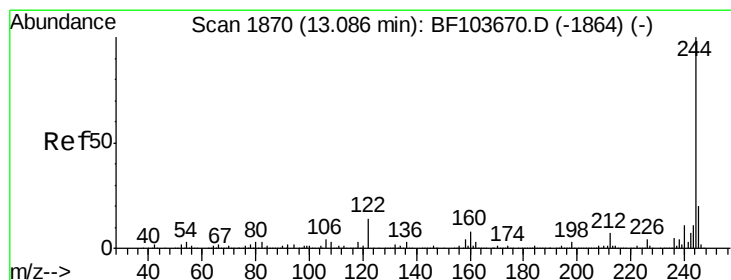
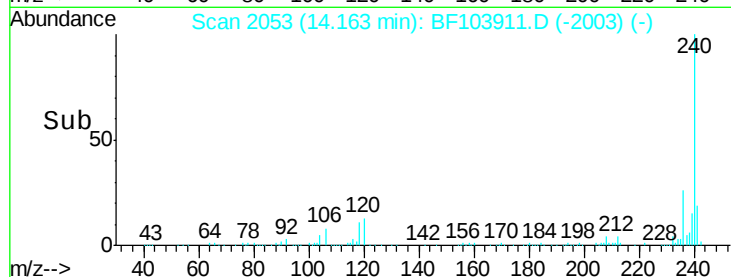
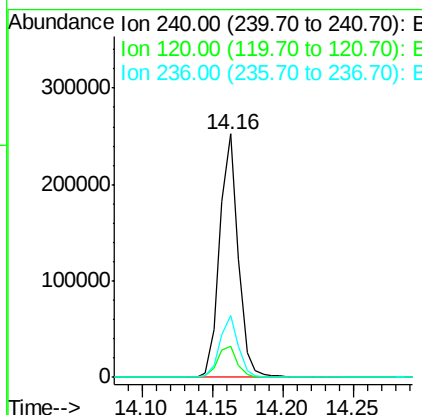
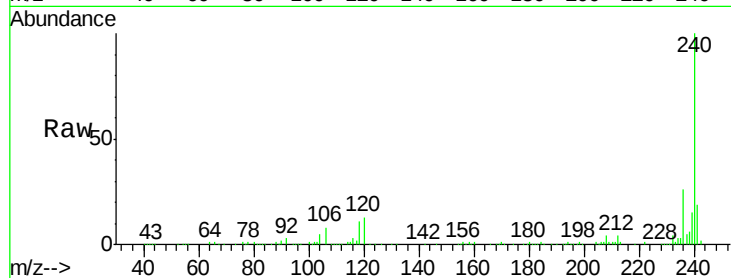




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

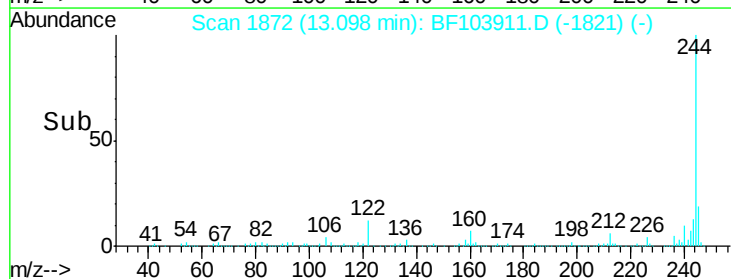
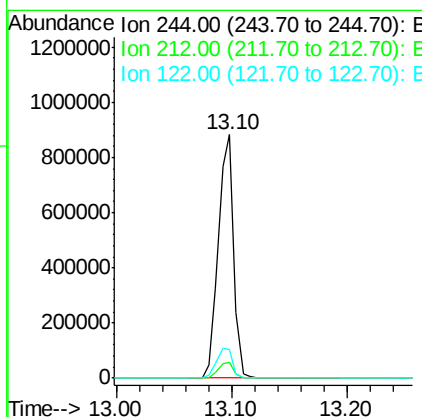
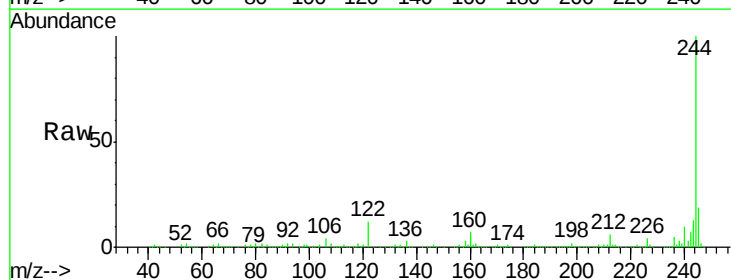
Instrument :
 BNA_F
 ClientSampleId :

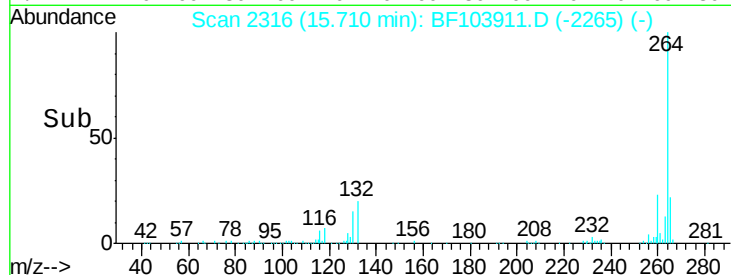
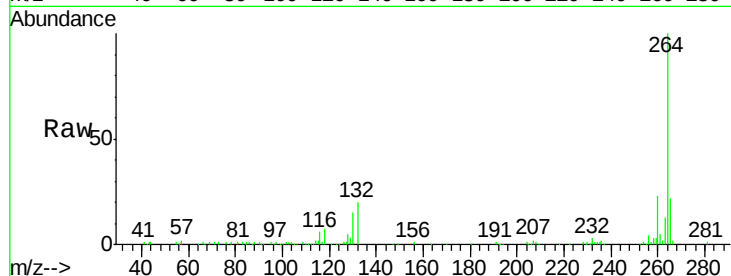
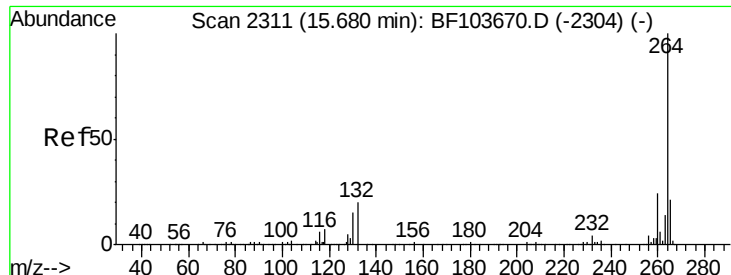
Tot Ion:240 Resp: 230008
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.108 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Tgt Ion:244 Resp: 813627
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.5 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BF103911.D
 Acq: 24 Mar 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	165059
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3

