

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110684.D
 Acq On : 12 Nov 2018 19:43
 Operator : JU/SJ
 Sample : J5887-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1-D

Quant Time: Nov 13 05:40:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

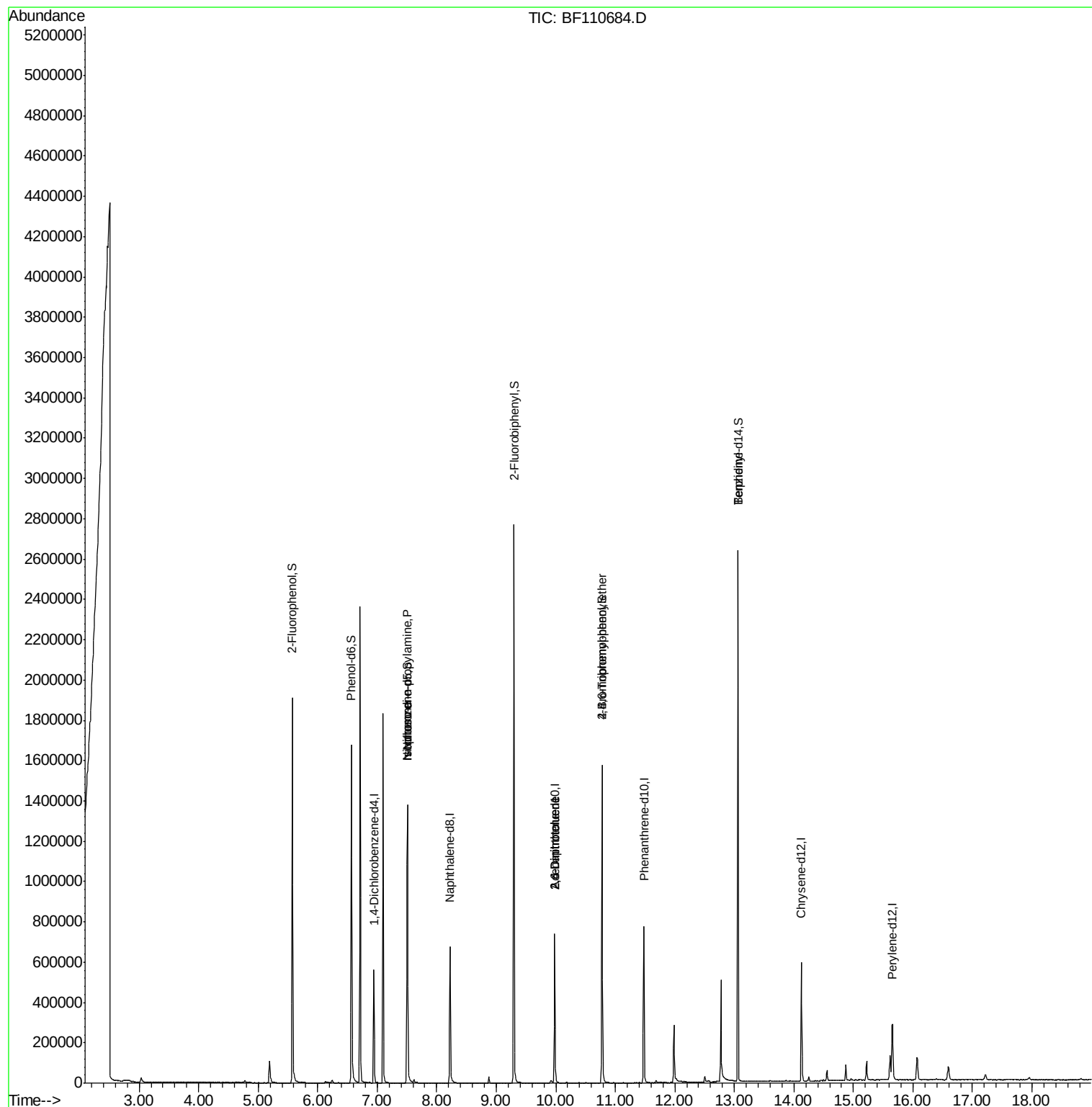
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84272	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	342661	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	166578	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	321289	20.00	ng	0.00
76) Chrysene-d12	14.13	240	208824	20.00	ng	-0.01
87) Perylene-d12	15.66	264	155469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	515947	99.45	ng	0.01
7) Phenol-d6	6.57	99	590255	88.97	ng	0.00
23) Nitrobenzene-d5	7.51	82	469734	78.95	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	191150	113.88	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	873843	74.92	ng	0.00
79) Terphenyl-d14	13.06	244	872588	78.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	769	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	61521	14.527 ng	#	1
25) Isophorone	7.51	82	469731	48.167 ng	#	79
51) 2,6-Dinitrotoluene	9.98	165	20017	7.321 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	20017	5.630 ng	#	21
67) 4-Bromophenyl-phenylether	10.78	248	12229	3.444 ng	#	17
77) Benzidine	13.06	184	12044	2.097 ng	#	1
					#	95

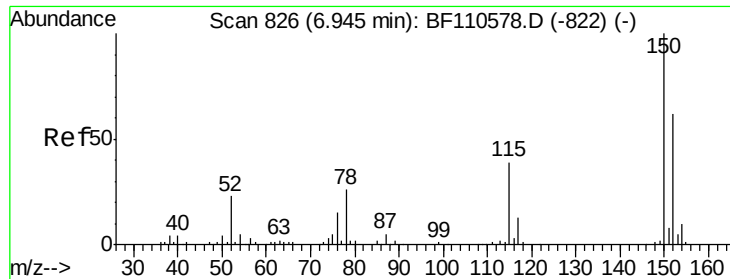
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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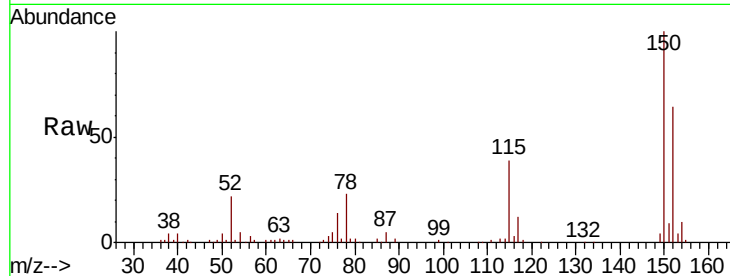


#1

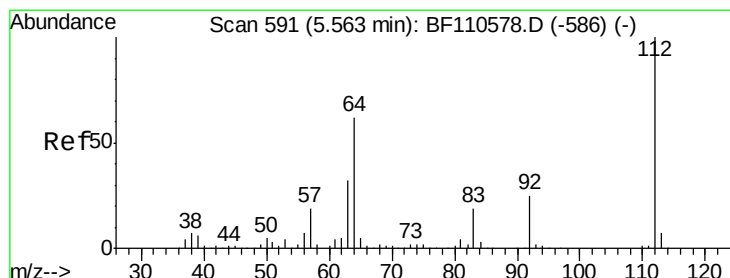
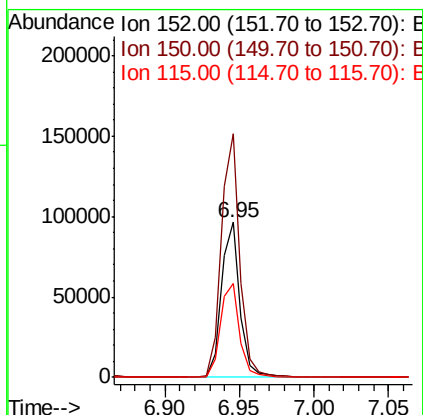
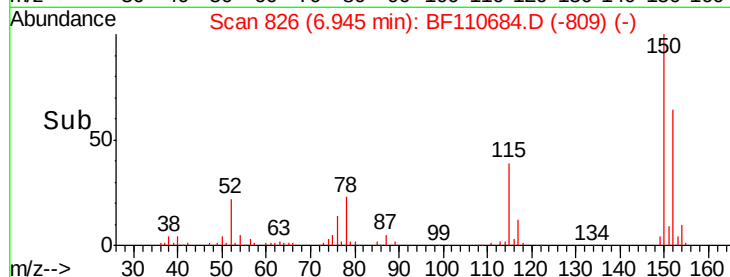
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110684.D
Acq: 12 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
W-1-D

Tgt Ion:152 Resp: 84272
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 60.7 49.1 73.7



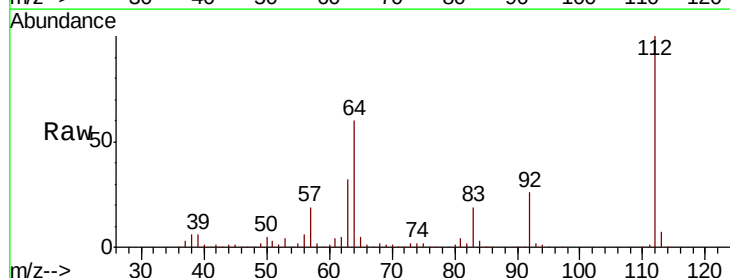
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



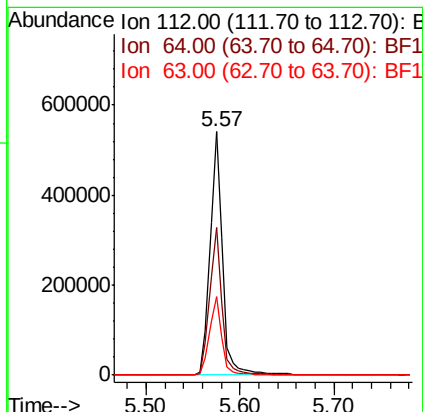
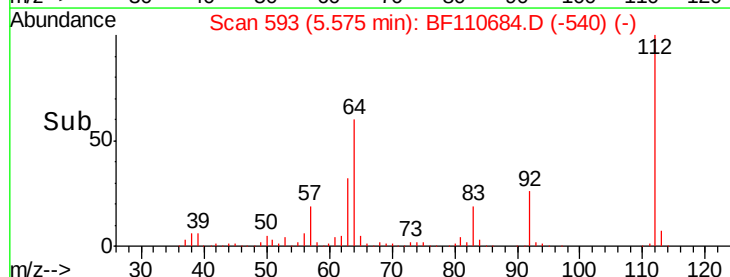
#5

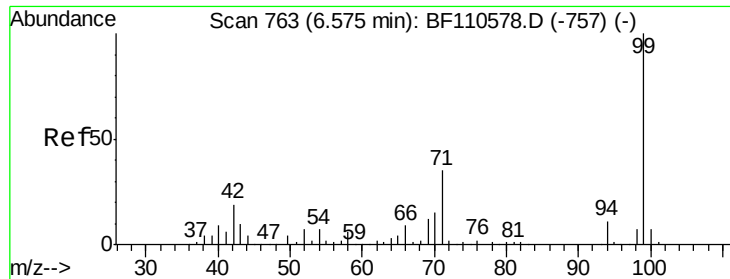
2-Fluorophenol
Concen: 99.447 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110684.D
Acq: 12 Nov 2018 19:43

Tgt Ion:112 Resp: 515947
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 32.4 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: 88.969 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

Instrument :

BNA_F

ClientSampleId :

W-1-D

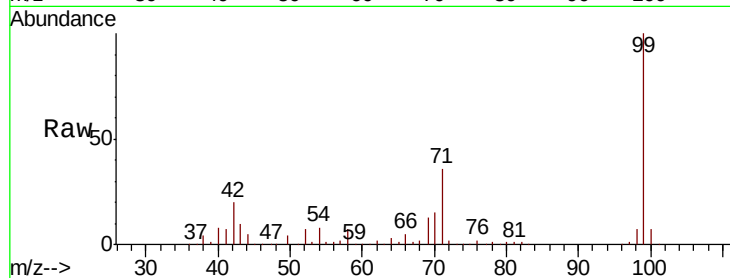
Tgt Ion: 99 Resp: 590255

Ion Ratio Lower Upper

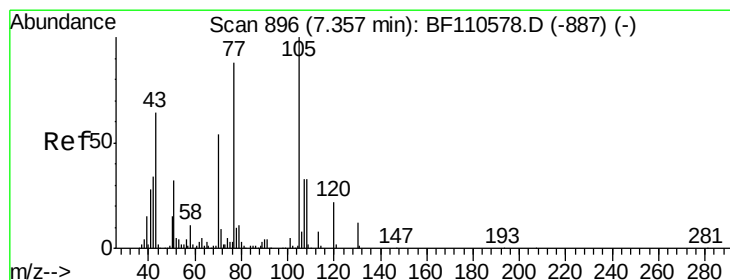
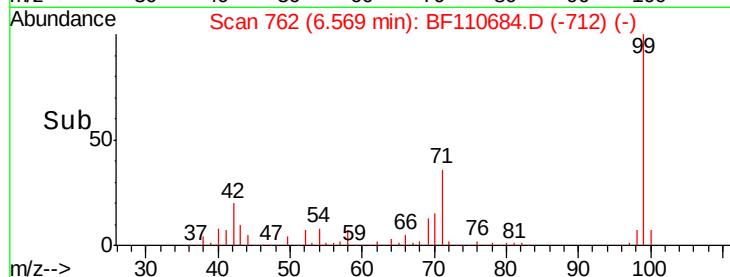
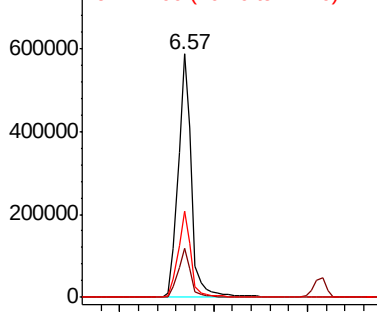
99 100

42 20.0 15.8 23.6

71 35.6 28.0 42.0



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: 14.527 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

Tgt Ion: 70 Resp: 61521

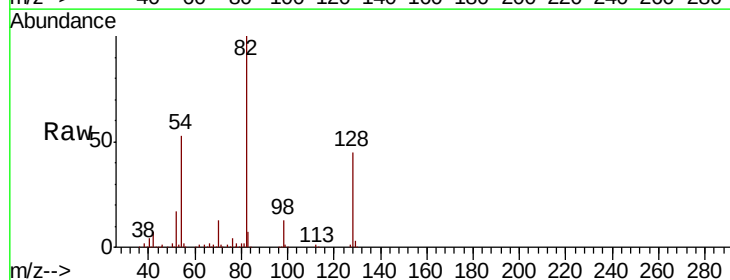
Ion Ratio Lower Upper

70 100

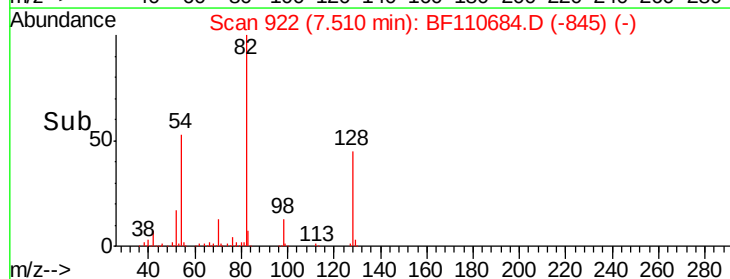
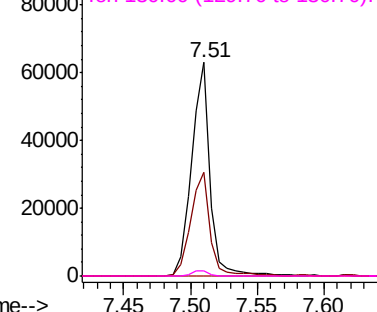
42 48.4 47.4 71.2

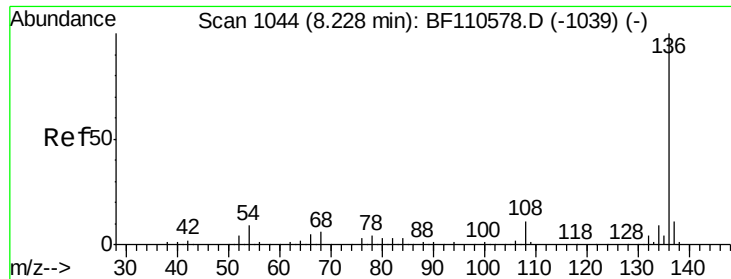
101 0.0 7.3 10.9#

130 2.1 16.2 24.2#



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): E
Ion 130.00 (129.70 to 130.70): E

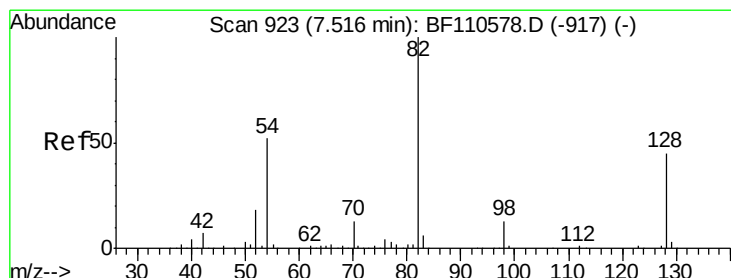
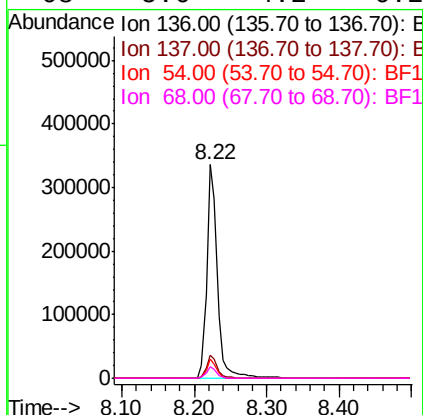
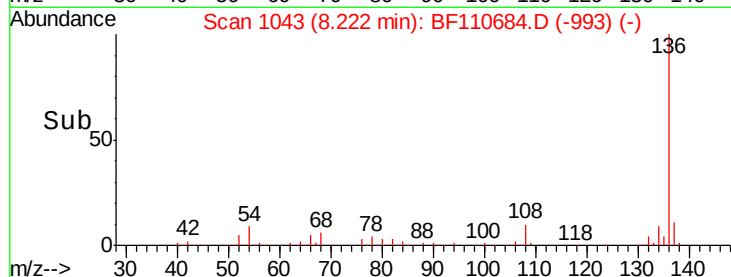
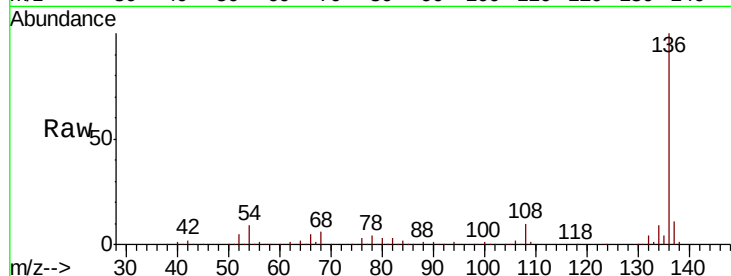




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110684.D
Acq: 12 Nov 2018 19:43

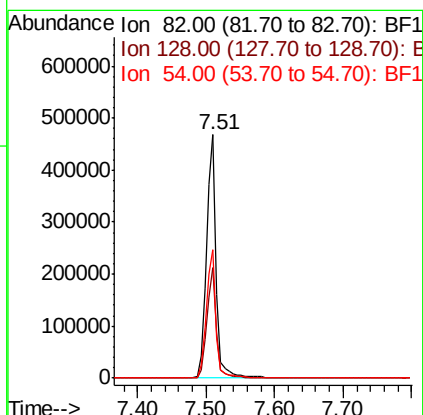
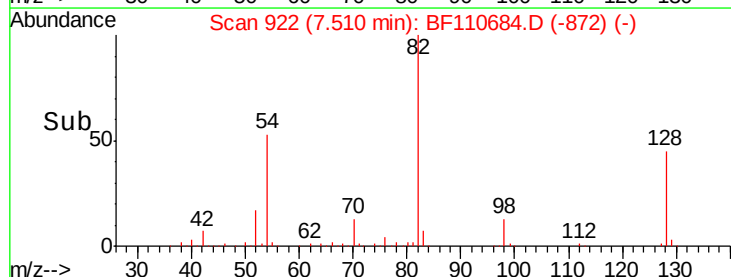
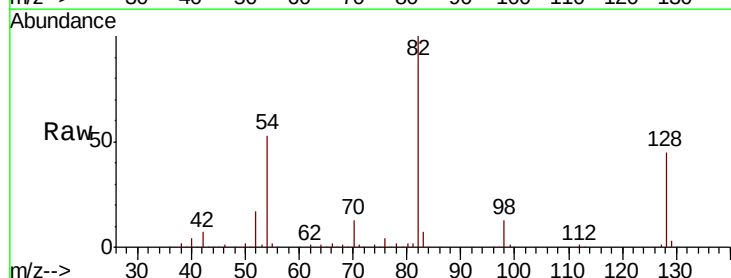
Instrument :
BNA_F
ClientSampleID :
W-1-D

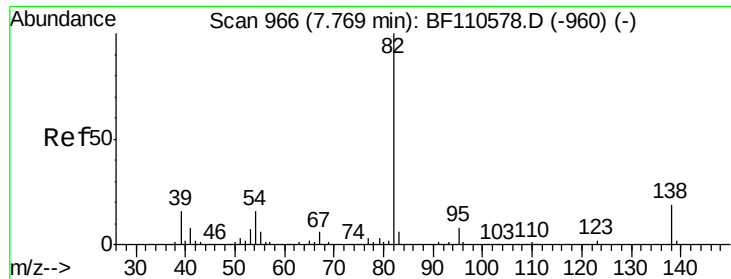
Tgt Ion:	136	Resp:	342661
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.8	5.4	8.2#
68	5.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 78.946 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110684.D
Acq: 12 Nov 2018 19:43

Tgt Ion:	82	Resp:	469734
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	52.9	38.6	58.0





#25

Isophorone

Concen: 48.167 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

Instrument :

BNA_F

ClientSampleId :

W-1-D

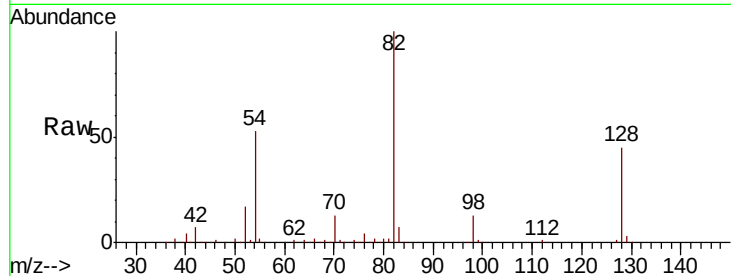
Tgt Ion: 82 Resp: 469731

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

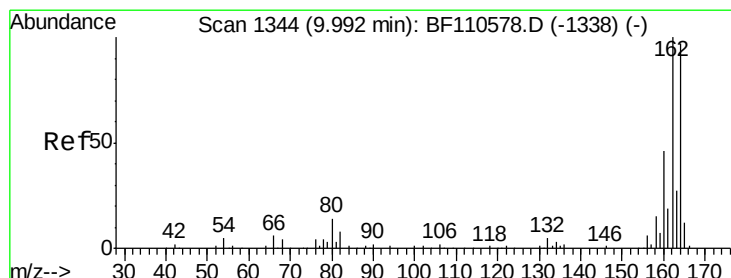
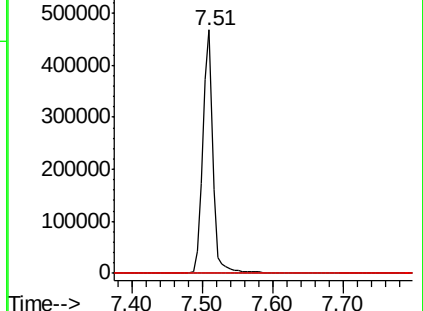
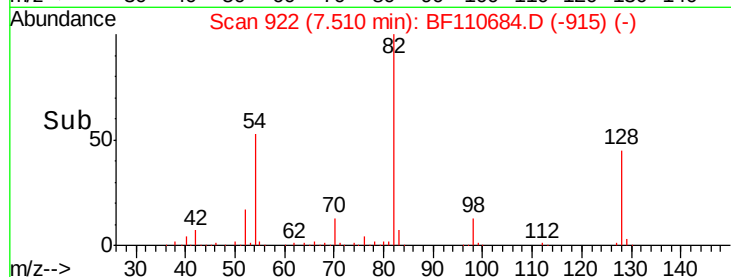
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

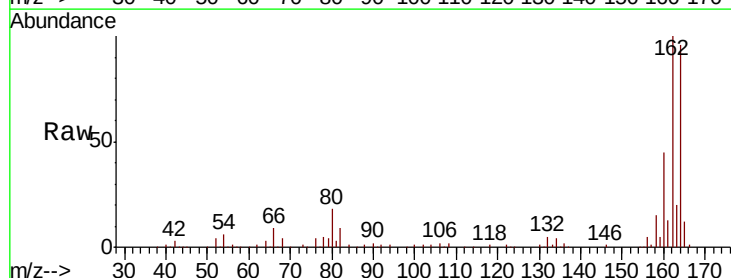
Tgt Ion: 164 Resp: 166578

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

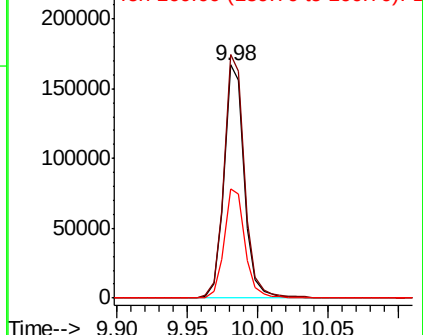
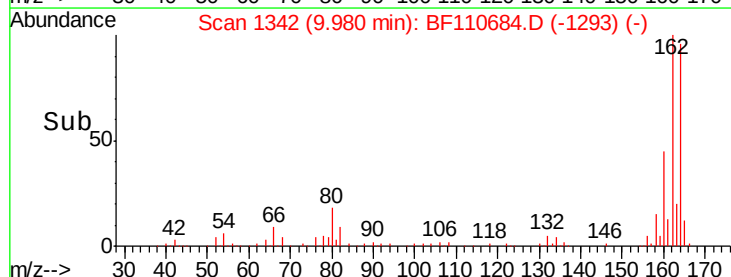
160 46.6 37.0 55.6

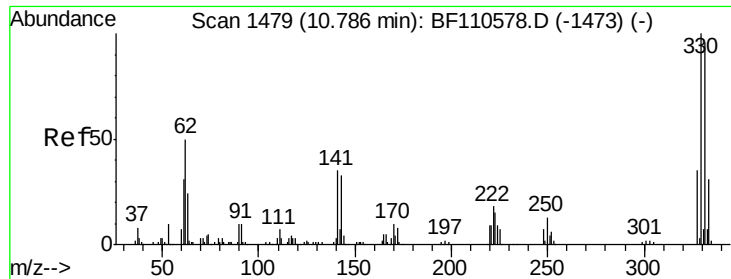


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 113.883 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

Instrument :

BNA_F

ClientSampled :

W-1-D

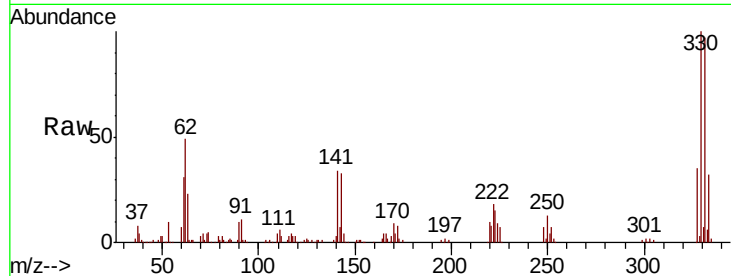
Tgt Ion:330 Resp: 191150

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

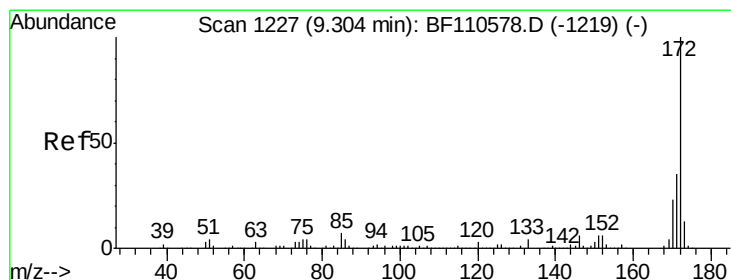
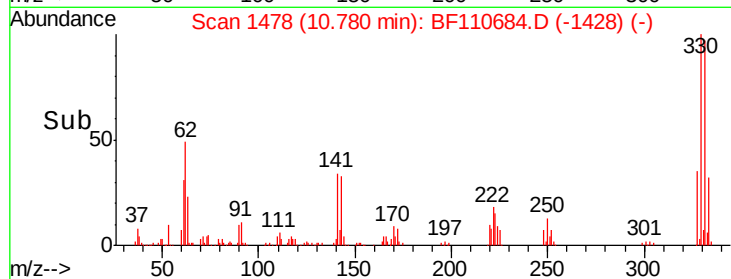
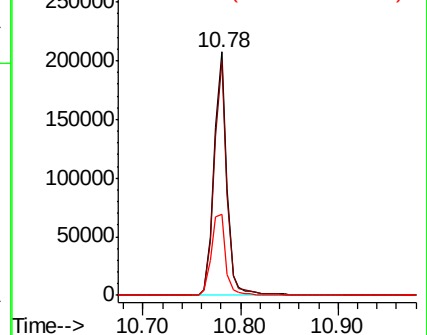
141 37.2 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 74.920 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110684.D

Acq: 12 Nov 2018 19:43

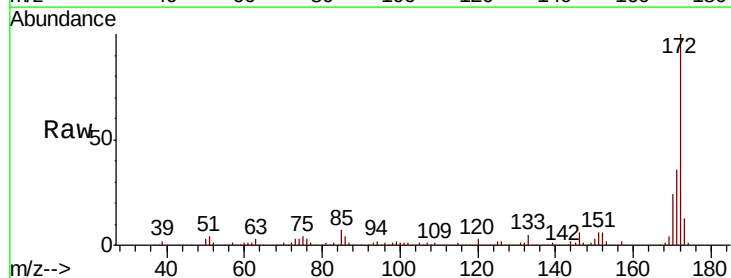
Tgt Ion:172 Resp: 873843

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

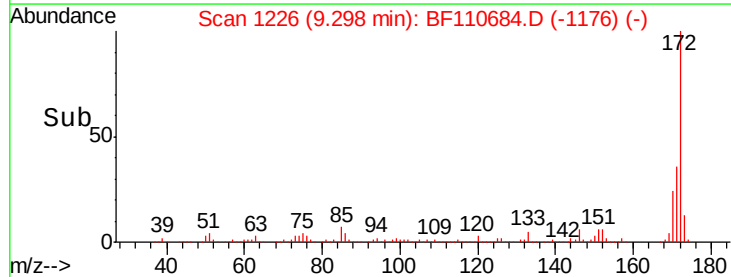
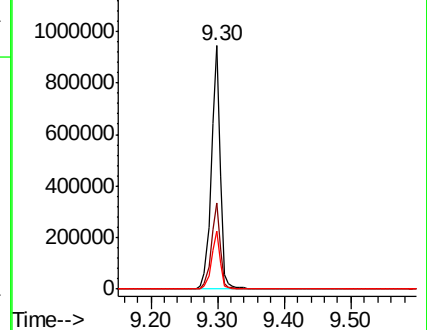
170 23.6 19.7 29.5

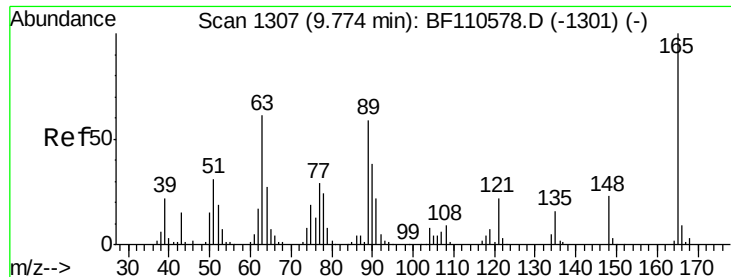


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

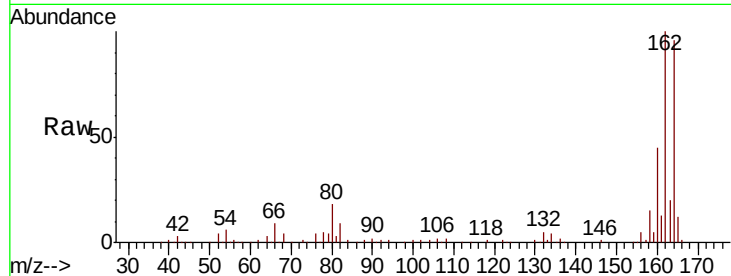




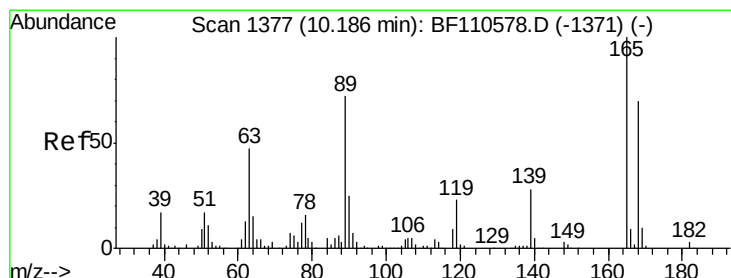
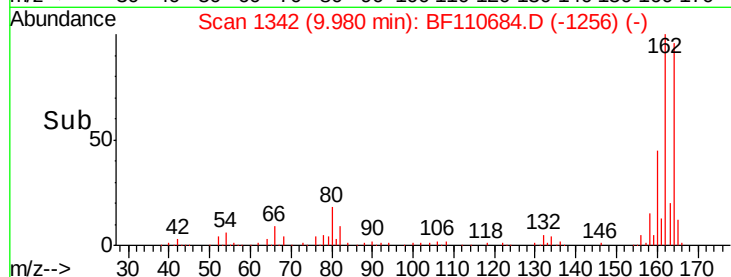
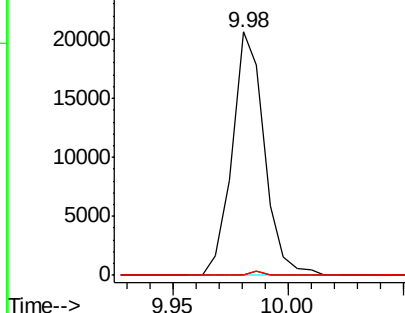
#51
 2,6-Dinitrotoluene
 Concen: 7.321 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Instrument :
 BNA_F
 ClientSampled :
 W-1-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



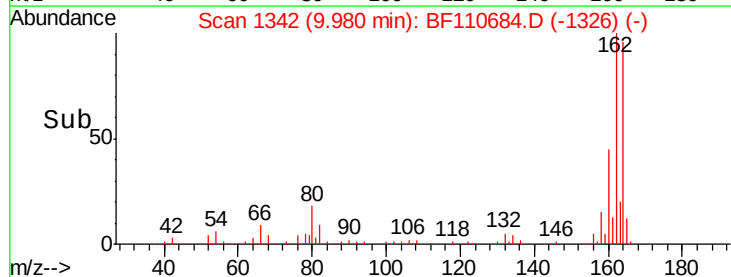
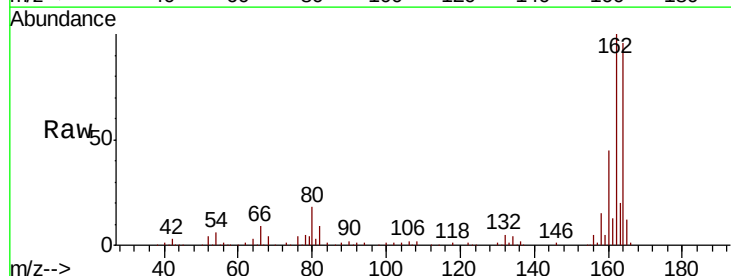
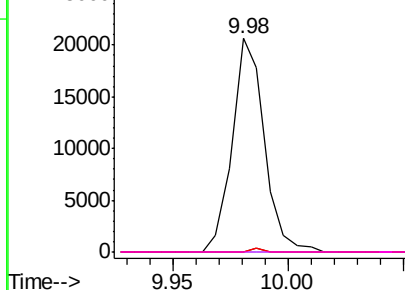
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

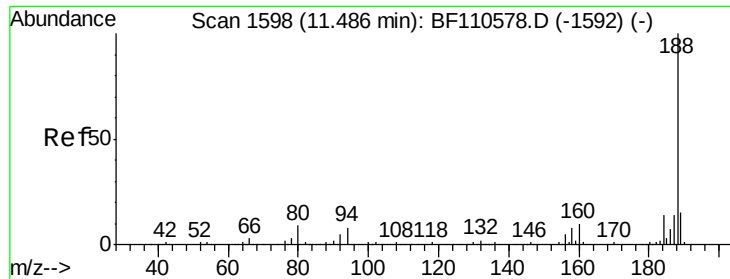


#57
 2,4-Dinitrotoluene
 Concen: 5.630 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

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

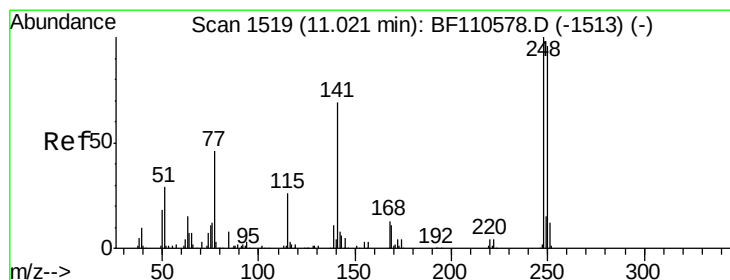
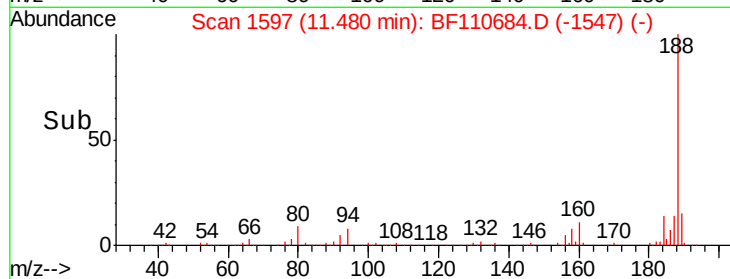
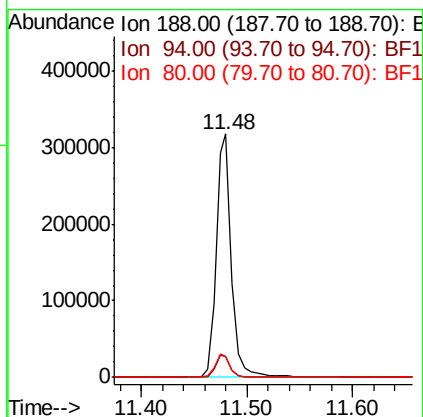
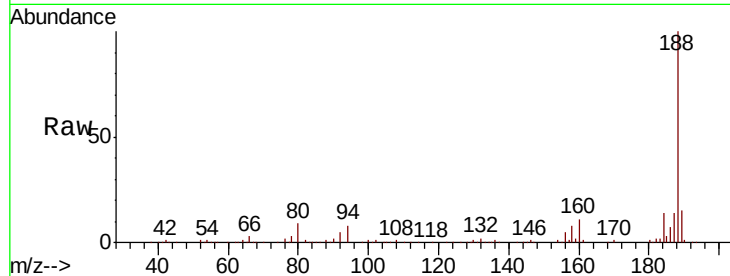




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

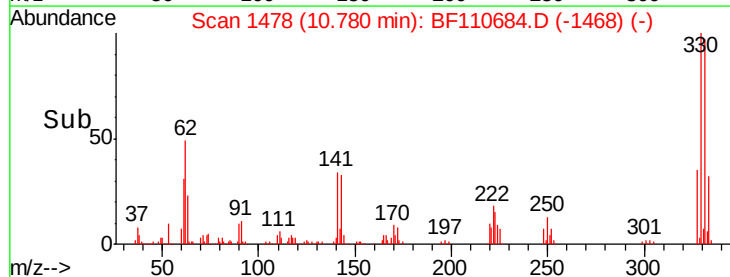
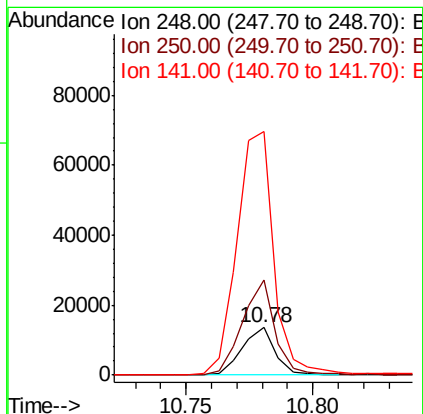
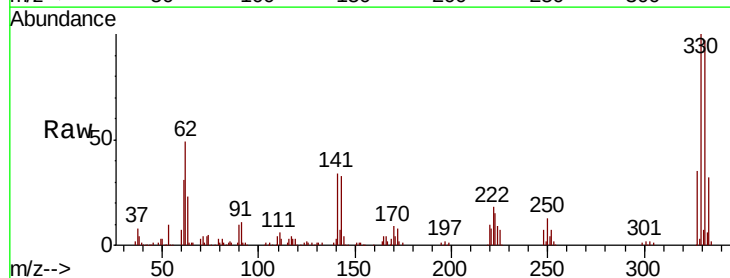
Instrument :
 BNA_F
 ClientSampleId :
 W-1-D

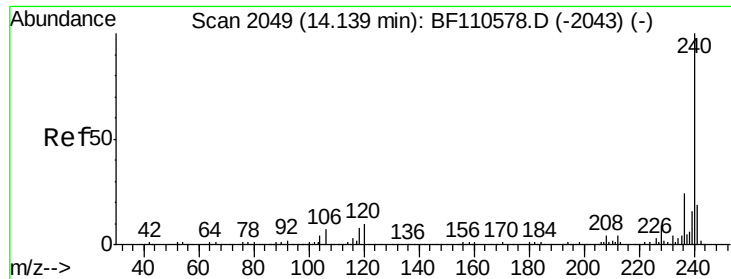
Tgt Ion:	188	Resp:	321289
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.6	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.444 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Tgt Ion:	248	Resp:	12229
Ion	Ratio	Lower	Upper
248	100		
250	200.9	79.4	119.2#
141	513.8	55.9	83.9#

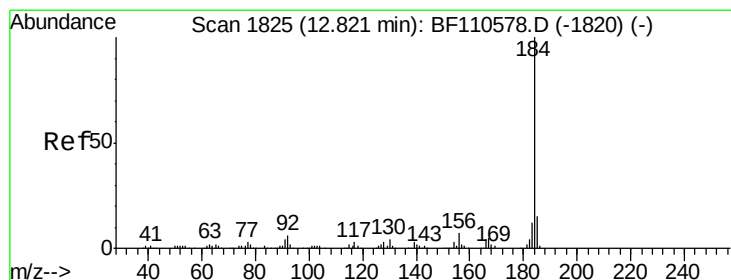
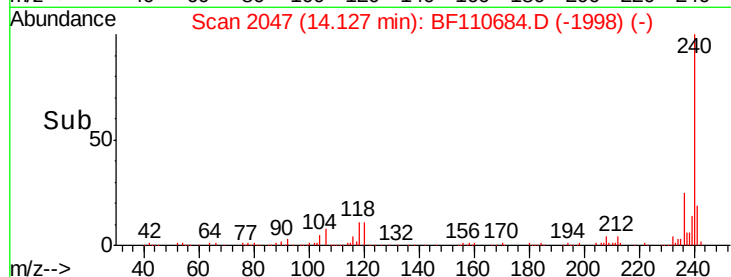
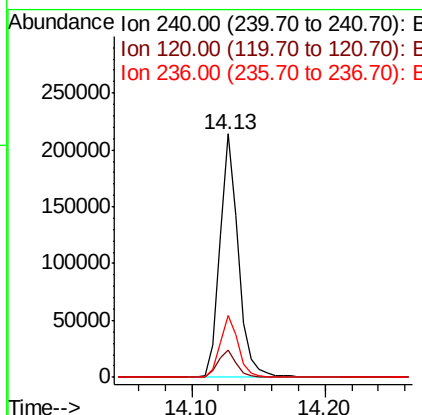
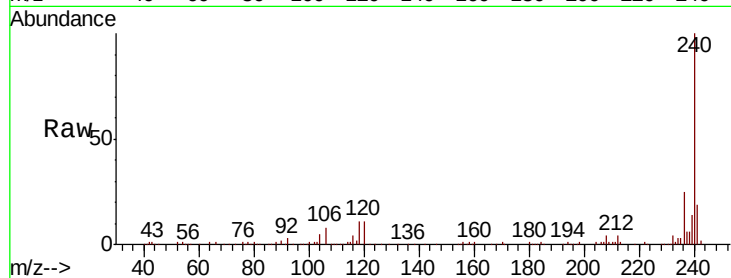




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

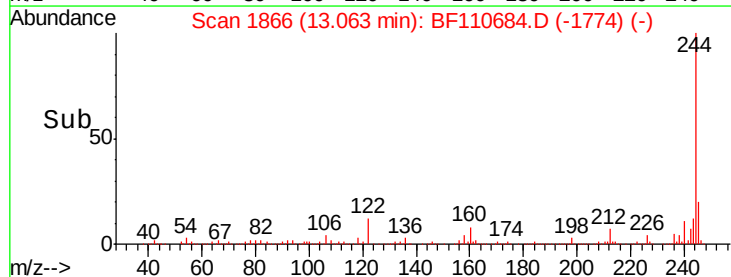
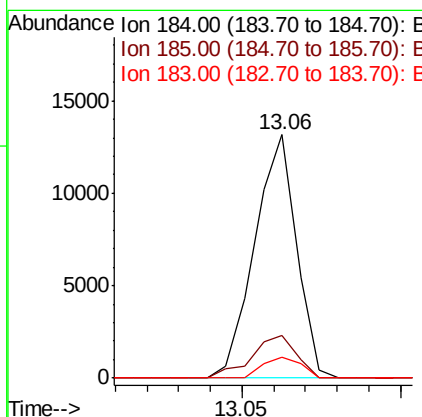
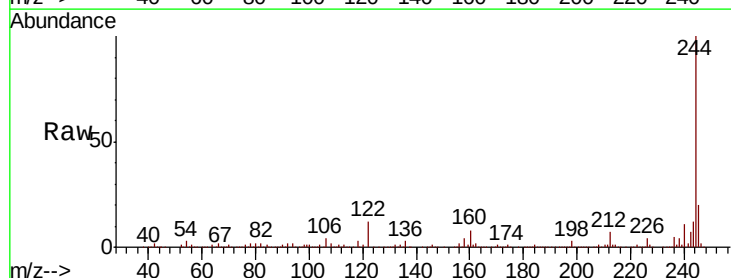
Instrument :
 BNA_F
 ClientSampleId :
 W-1-D

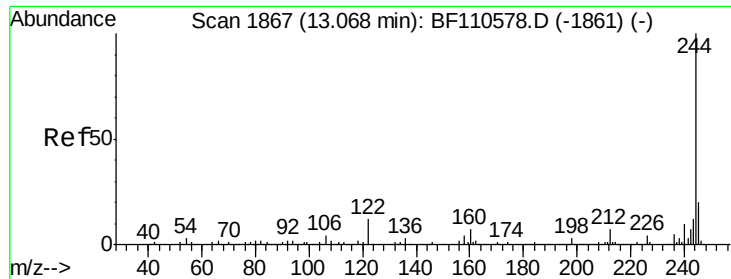
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.3	21.2	31.8



#77
 Benzidine
 Concen: 2.097 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.24 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.6	13.4	20.2
183	8.4	9.4	14.2#

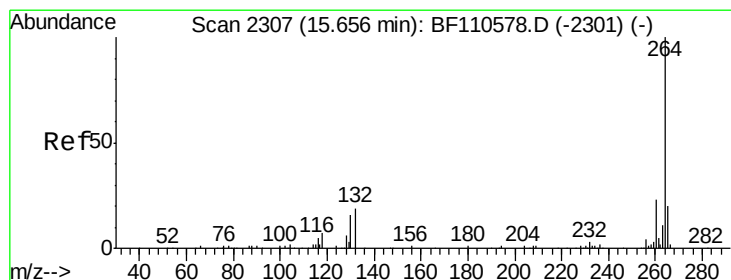
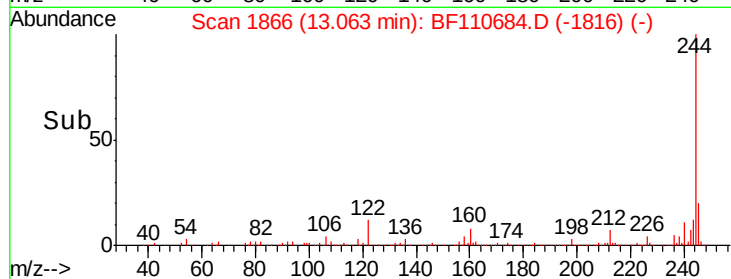
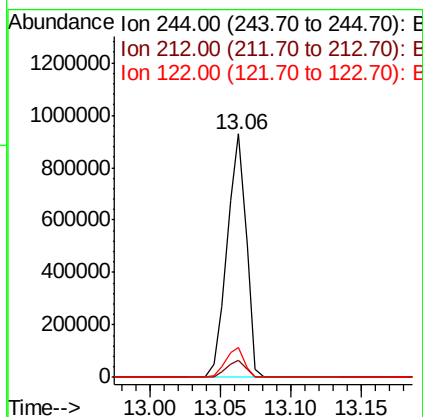
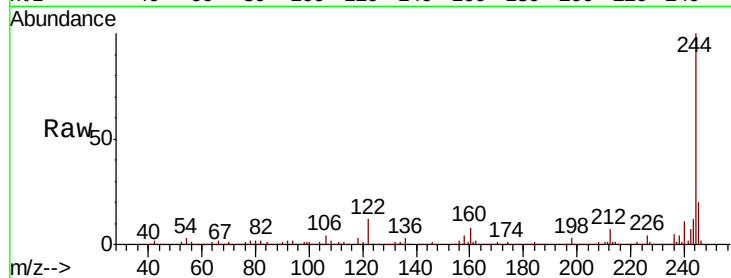




#79
 Terphenyl-d14
 Concen: 78.255 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 W-1-D

Tgt Ion:244 Resp: 872588
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.4 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110684.D
 Acq: 12 Nov 2018 19:43

Tgt Ion:264 Resp: 155469
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.9 16.7 25.1

