

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110685.D
 Acq On : 12 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J5887-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Nov 13 05:40:47 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

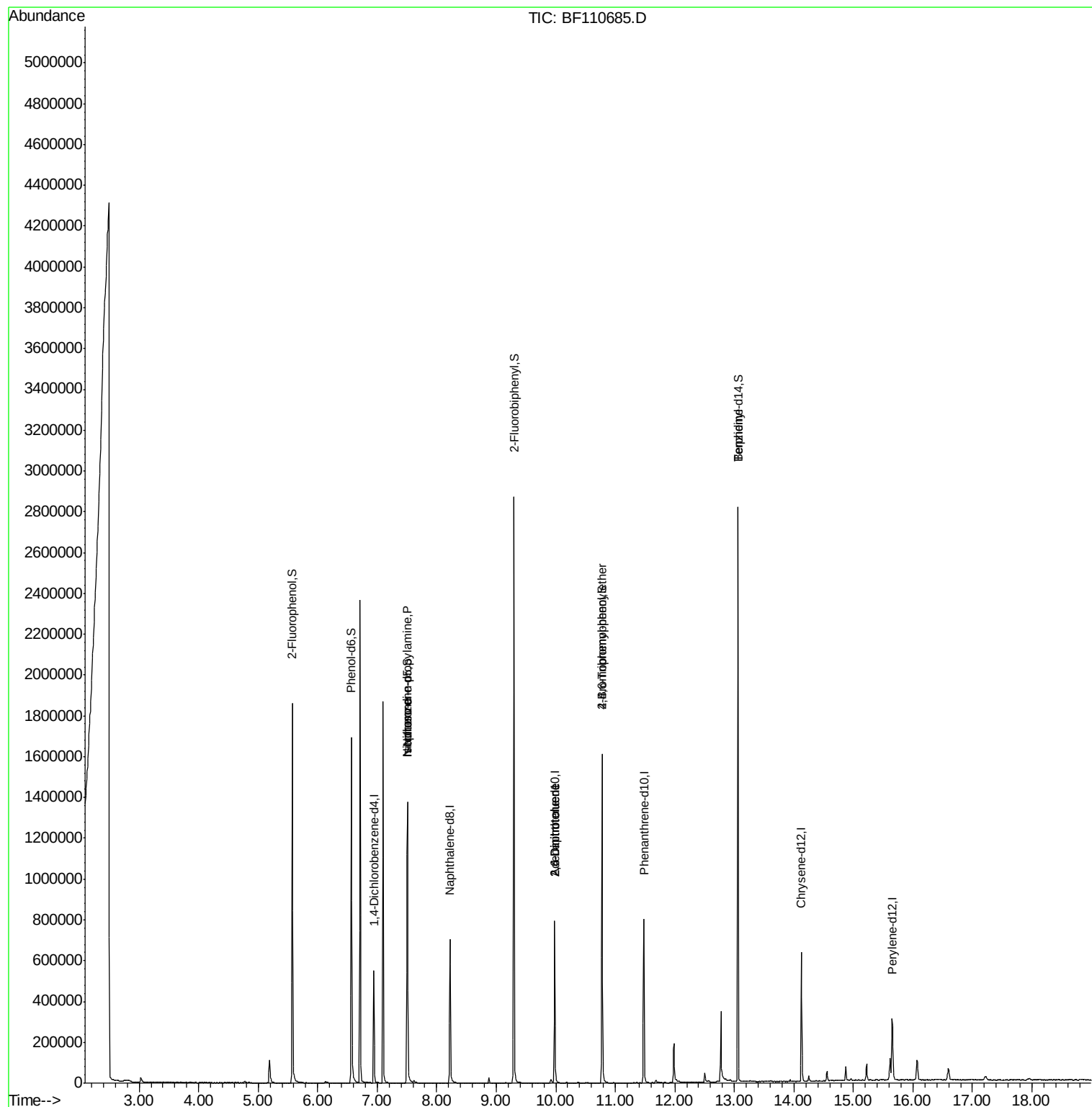
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84335	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	359963	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	177593	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	340633	20.00	ng	0.00
76) Chrysene-d12	14.13	240	219503	20.00	ng	-0.01
87) Perylene-d12	15.65	264	158940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	524213	100.96	ng	0.01
7) Phenol-d6	6.57	99	583133	87.83	ng	0.00
23) Nitrobenzene-d5	7.51	82	474125	75.85	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	192178	107.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	907551	72.98	ng	0.00
79) Terphenyl-d14	13.06	244	908330	77.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	712	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	62020	14.634 ng	#	1
25) Isophorone	7.51	82	474122	46.280 ng	#	79
51) 2,6-Dinitrotoluene	9.98	165	22042	7.561 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	22042	5.815 ng	#	22
67) 4-Bromophenyl-phenylether	10.78	248	12734	3.383 ng	#	18
77) Benzydine	13.06	184	12331	2.043 ng	#	1
						98

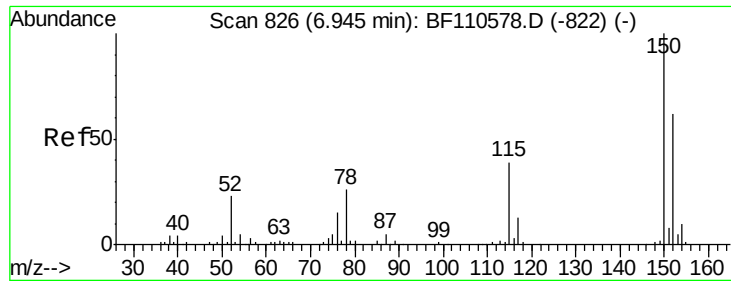
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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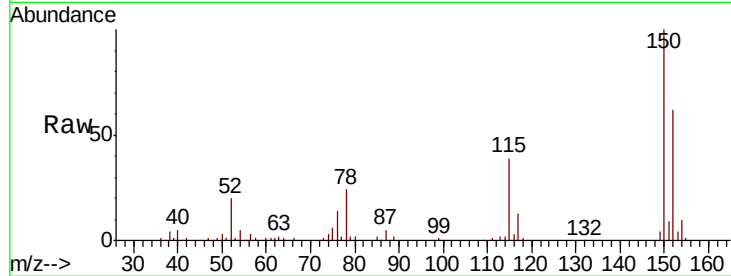


#1

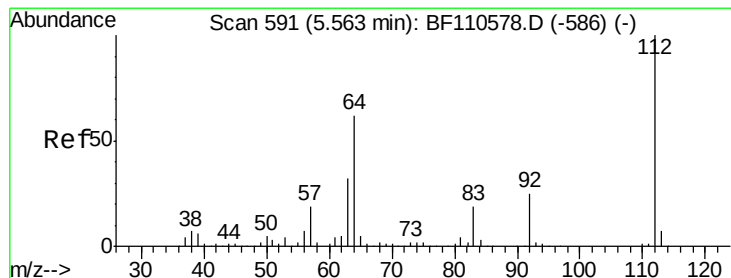
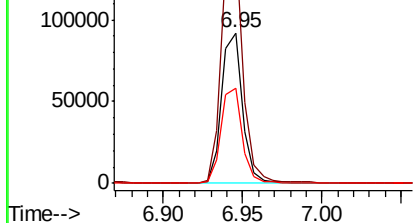
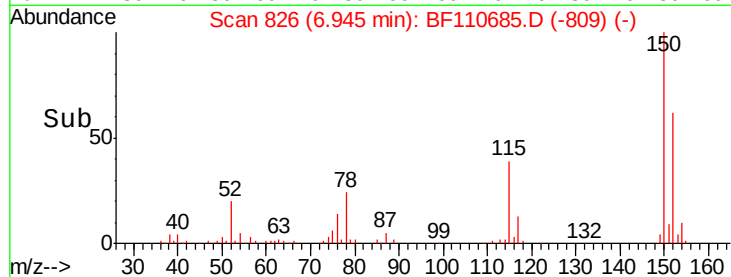
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Instrument :
BNA_F
ClientSampleId :
W-2

Tgt Ion:152 Resp: 84335
Ion Ratio Lower Upper
152 100
150 161.4 122.7 184.1
115 63.2 49.1 73.7



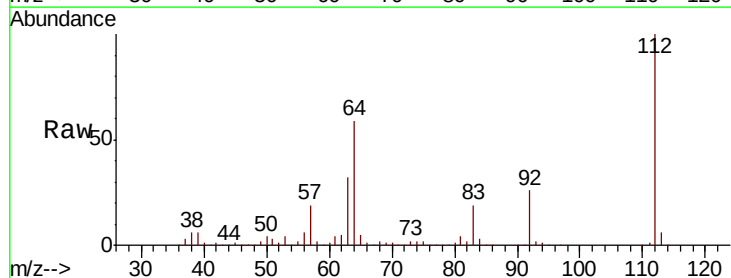
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



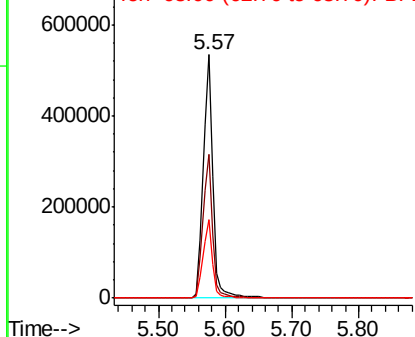
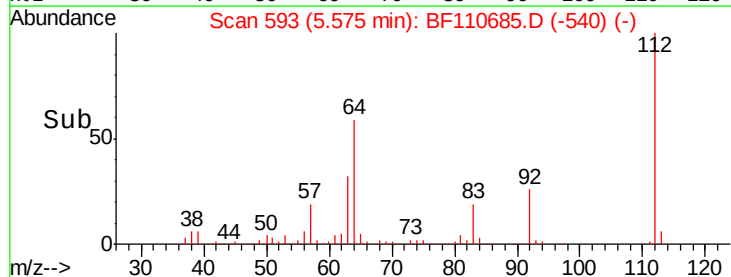
#5

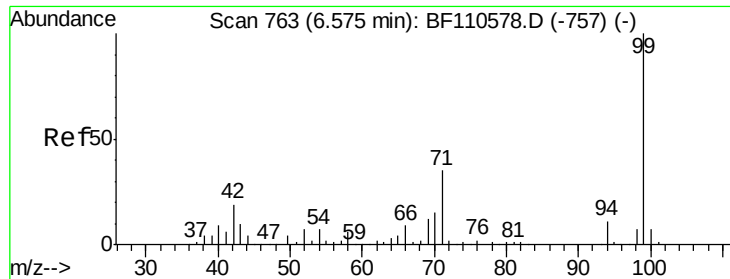
2-Fluorophenol
Concen: 100.965 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Tgt Ion:112 Resp: 524213
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 32.0 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: 87.830 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

W-2

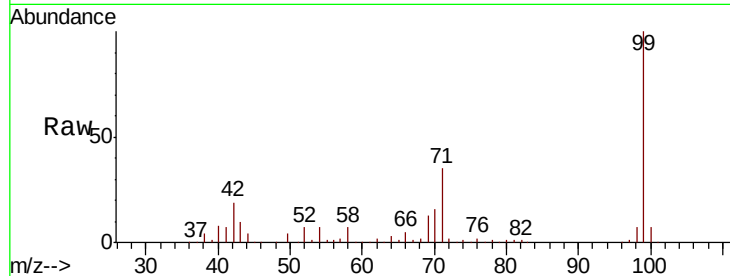
Tgt Ion: 99 Resp: 583133

Ion Ratio Lower Upper

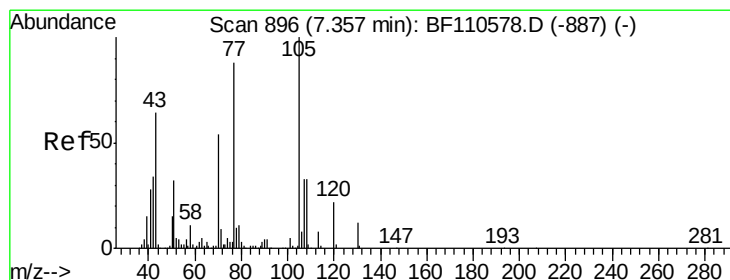
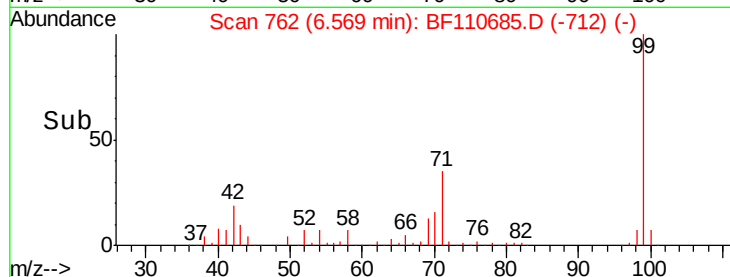
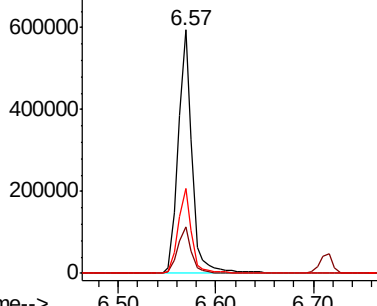
99 100

42 19.2 15.8 23.6

71 35.1 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: 14.634 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

Tgt Ion: 70 Resp: 62020

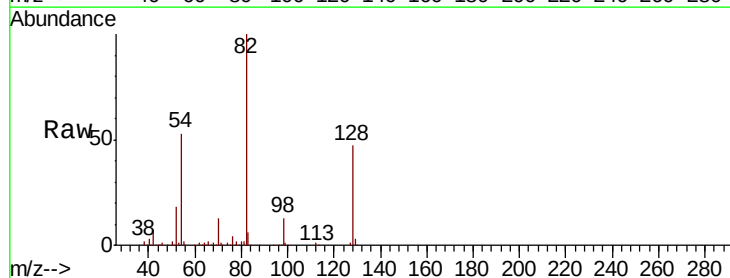
Ion Ratio Lower Upper

70 100

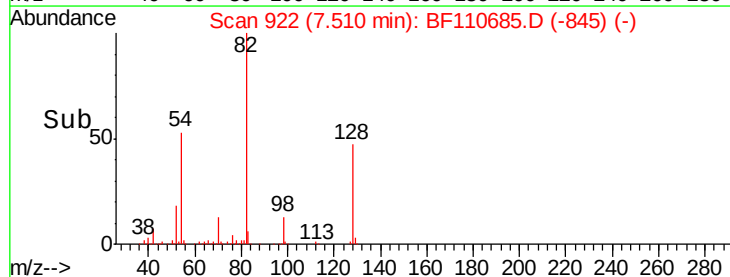
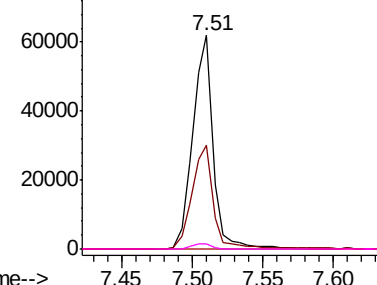
42 48.8 47.4 71.2

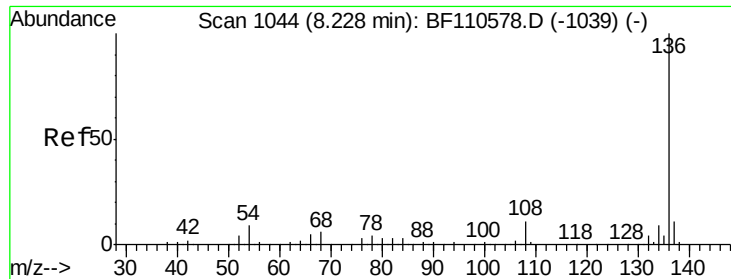
101 0.0 7.3 10.9#

130 2.6 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): BF1
Ion 130.00 (129.70 to 130.70): BF1

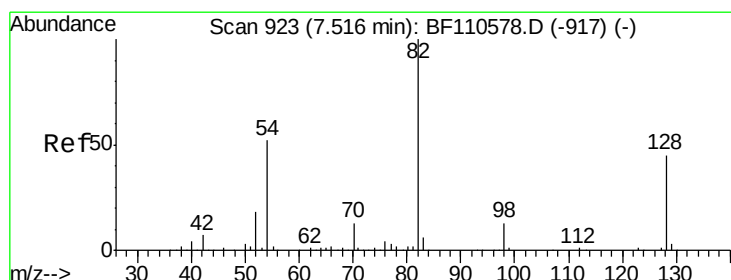
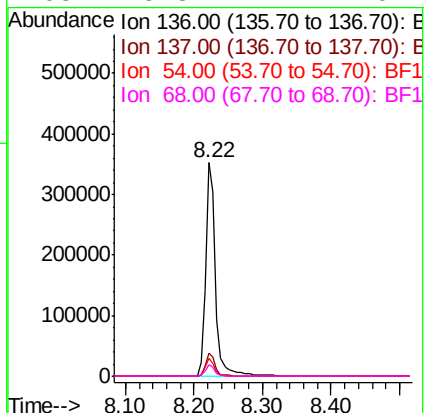
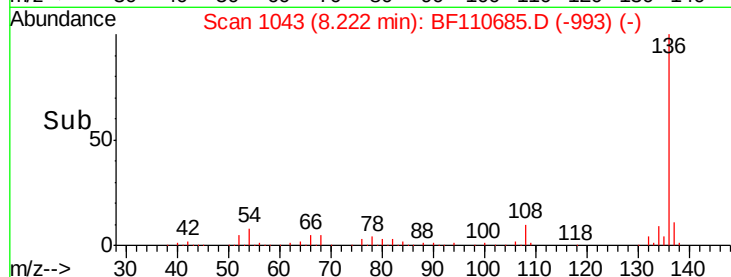
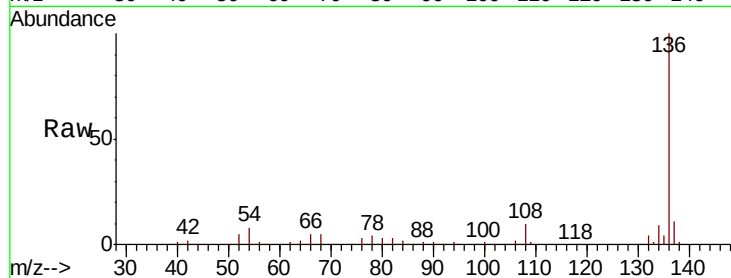




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

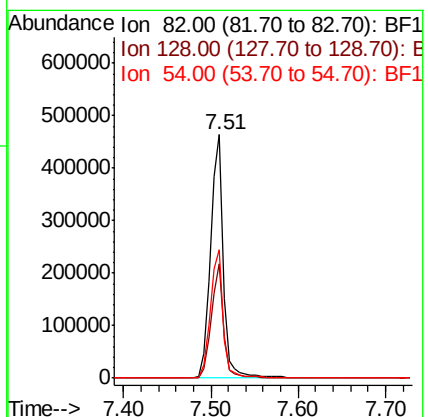
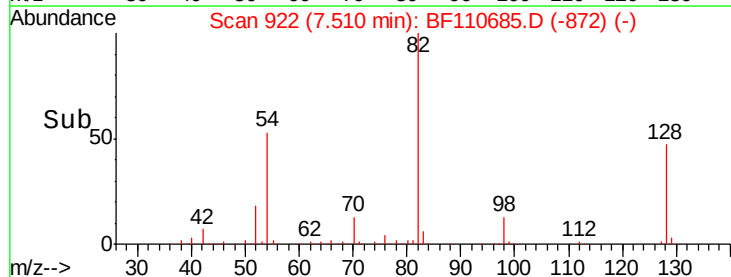
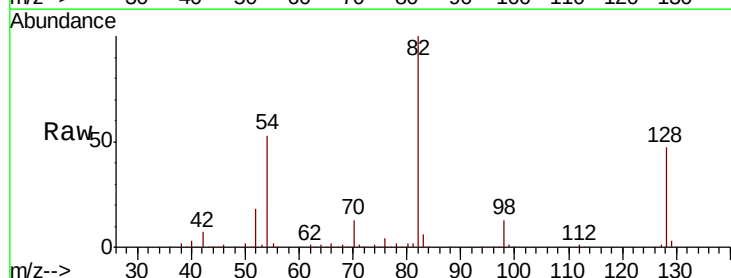
Instrument :
BNA_F
ClientSampleId :
W-2

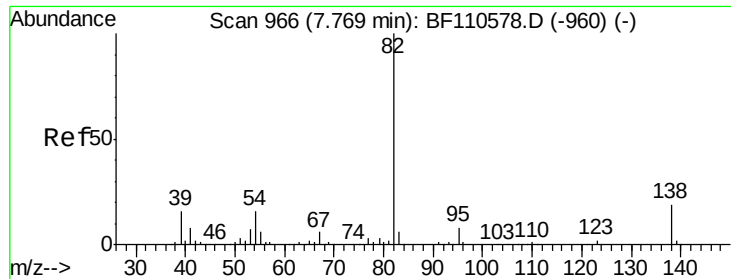
Tgt Ion:	136	Resp:	359963
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.4	5.4	8.2#
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 75.854 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110685.D
Acq: 12 Nov 2018 20:10

Tgt Ion:	82	Resp:	474125
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	52.9	38.6	58.0





#25

Isophorone

Concen: 46.280 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

Instrument :

BNA_F

ClientSampleId :

W-2

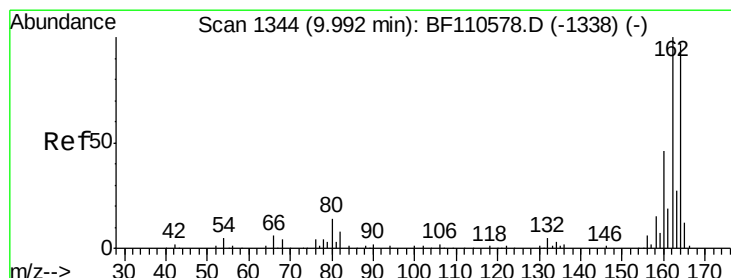
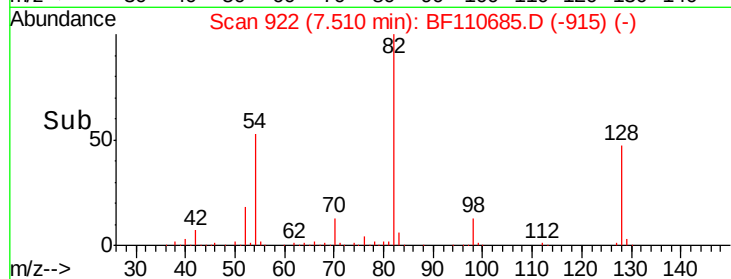
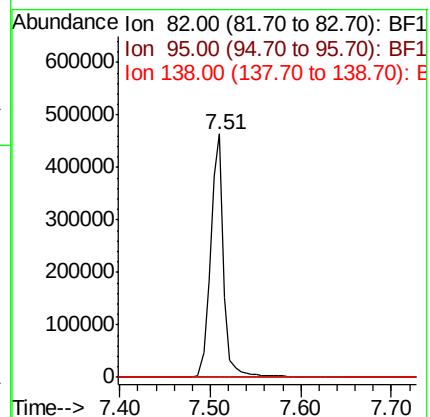
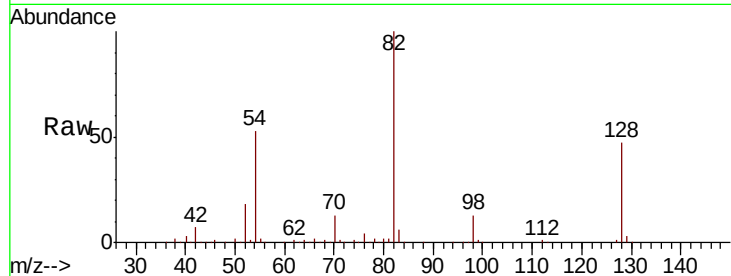
Tgt Ion: 82 Resp: 474122

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110685.D

Acq: 12 Nov 2018 20:10

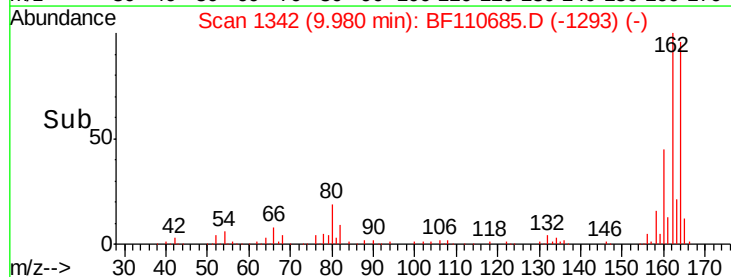
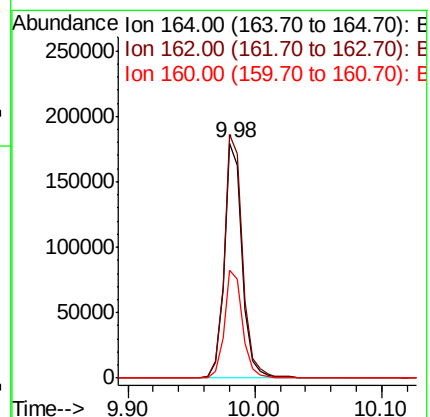
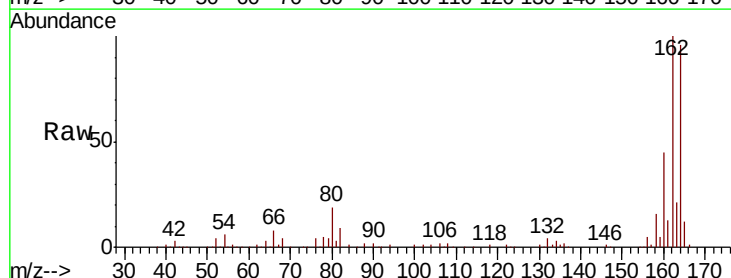
Tgt Ion: 164 Resp: 177593

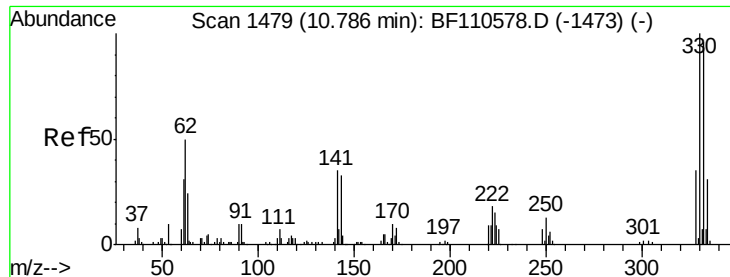
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

160 46.2 37.0 55.6

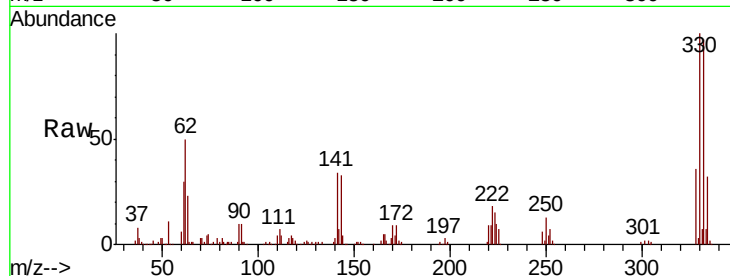




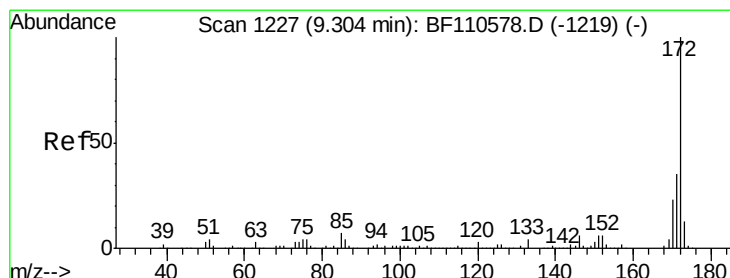
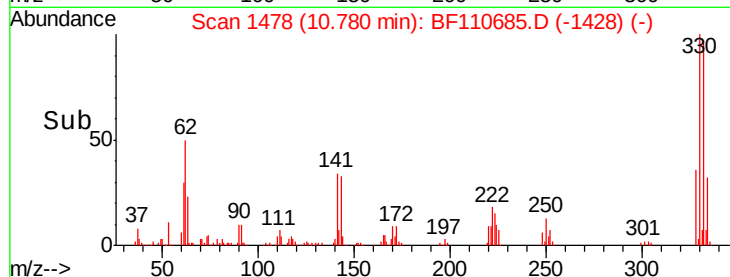
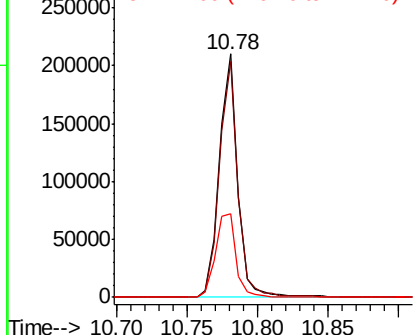
#42
 2,4,6-Tribromophenol
 Concen: 107.394 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tgt Ion:330 Resp: 192178
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 38.4 27.0 40.4

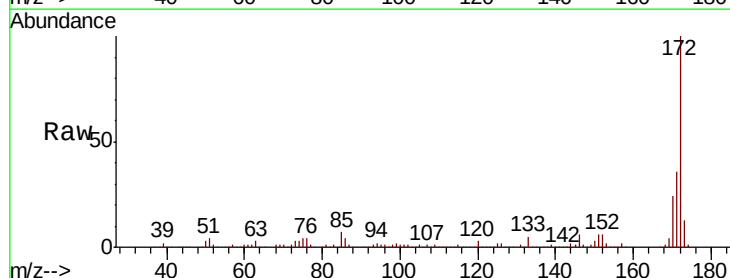


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

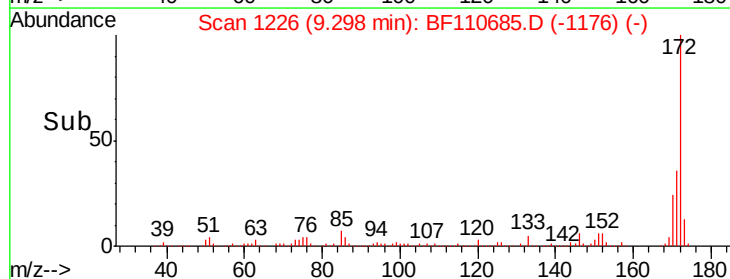
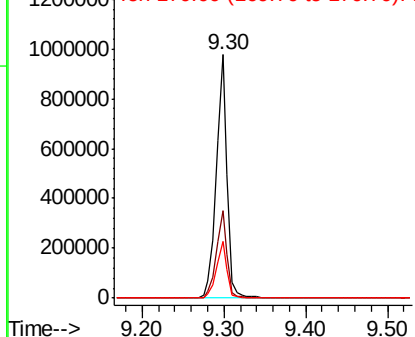


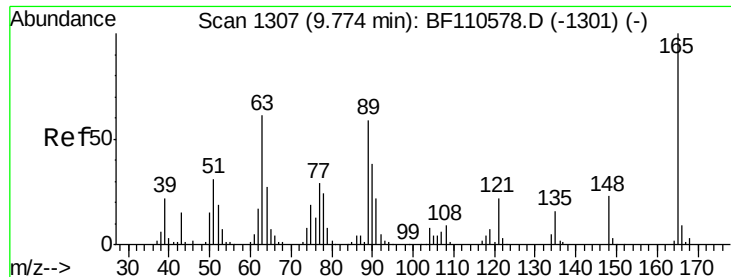
#45
 2-Fluorobiphenyl
 Concen: 72.984 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion:172 Resp: 907551
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

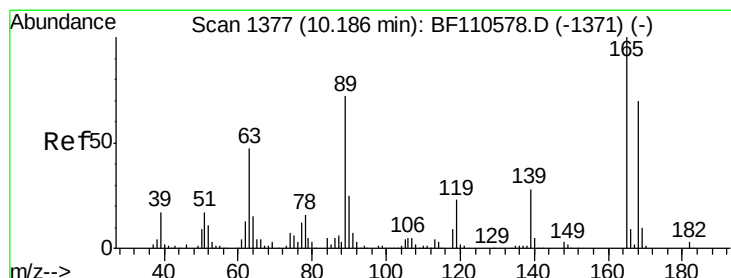
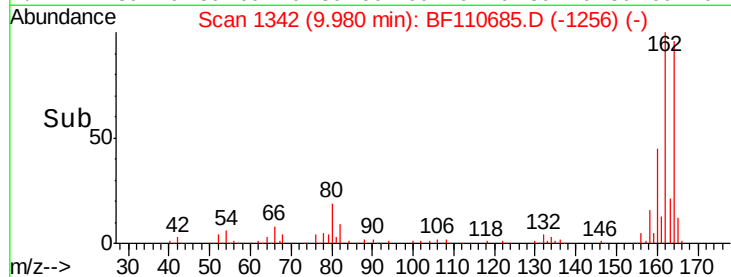
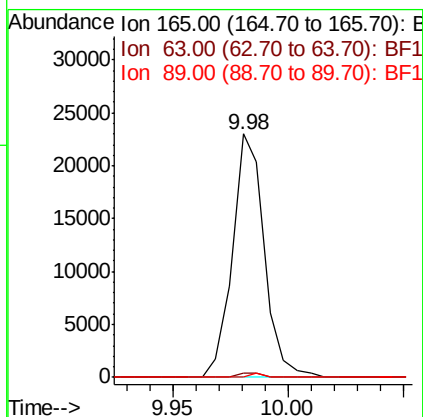
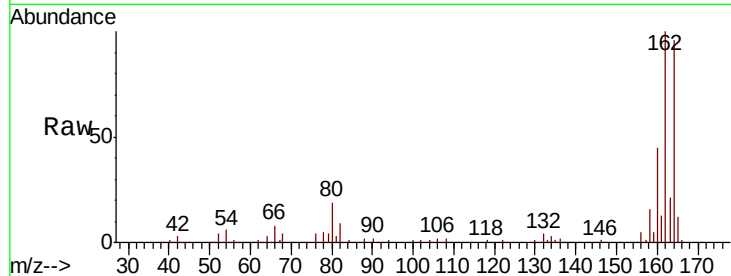




#51
 2,6-Dinitrotoluene
 Concen: 7.561 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

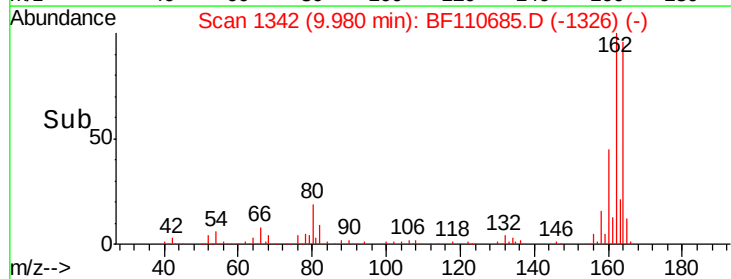
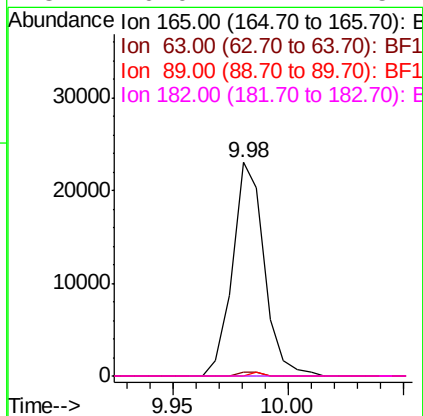
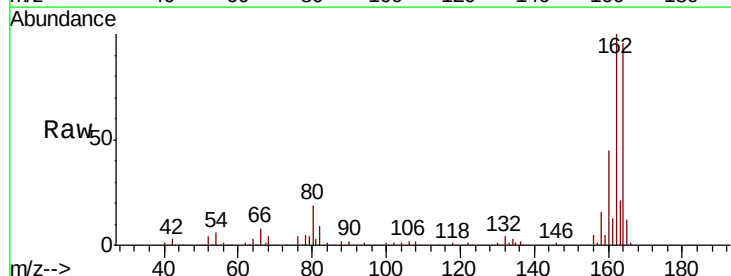
Instrument :
 BNA_F
 ClientSampleId :
 W-2

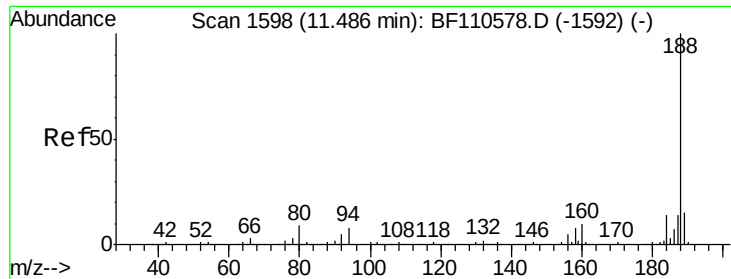
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.815 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

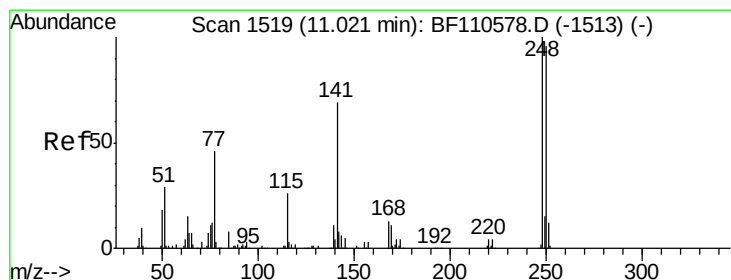
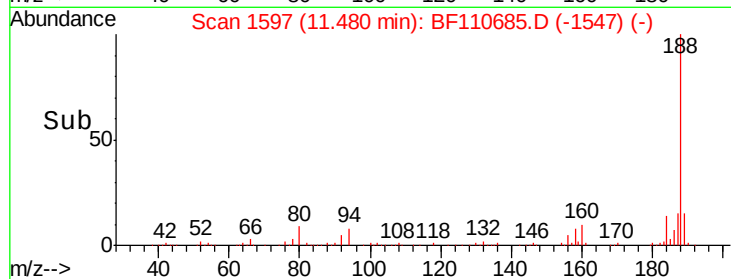
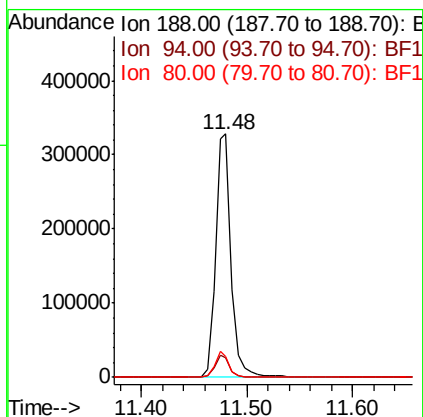
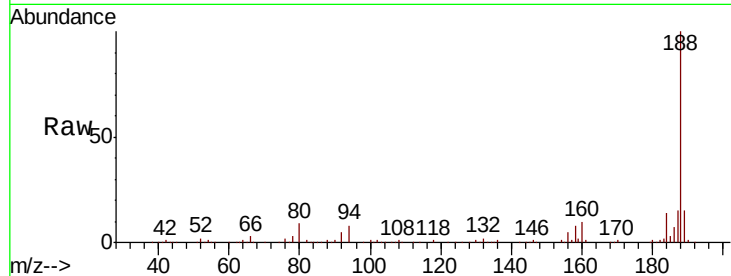




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

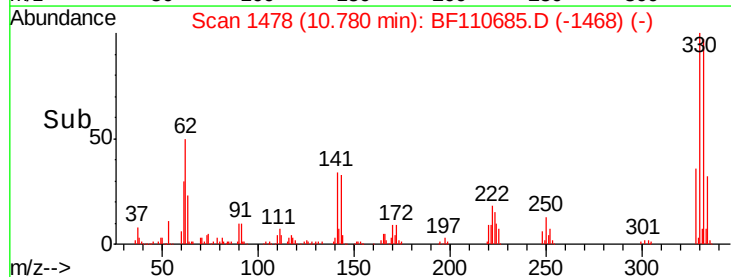
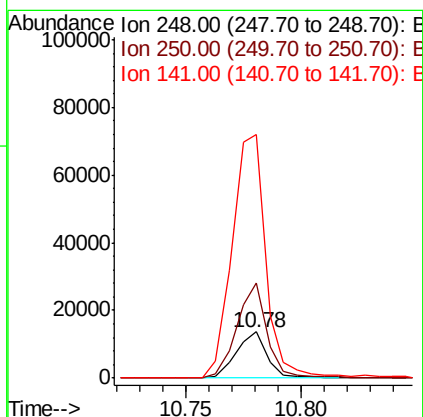
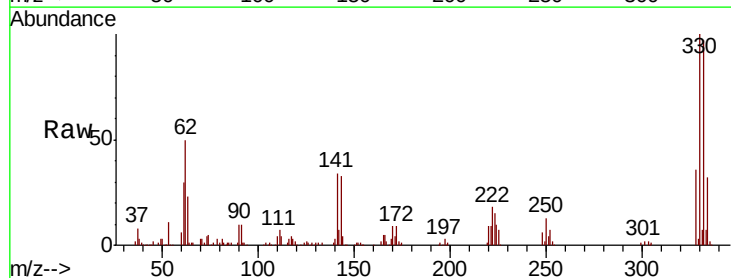
Instrument :
 BNA_F
 ClientSampled :
 W-2

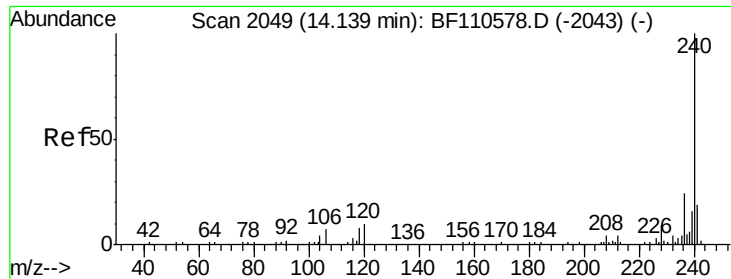
Tgt Ion:188 Resp: 340633
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.2 10.8
 80 8.5 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.383 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion:248 Resp: 12734
 Ion Ratio Lower Upper
 248 100
 250 204.9 79.4 119.2#
 141 527.5 55.9 83.9#

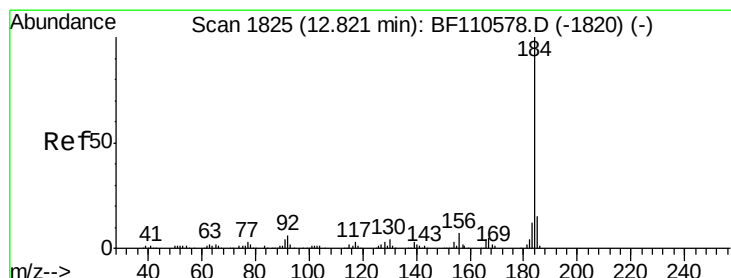
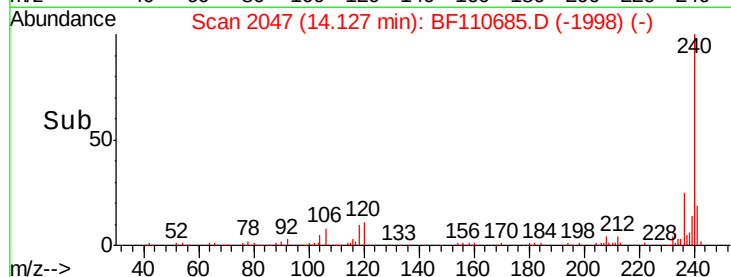
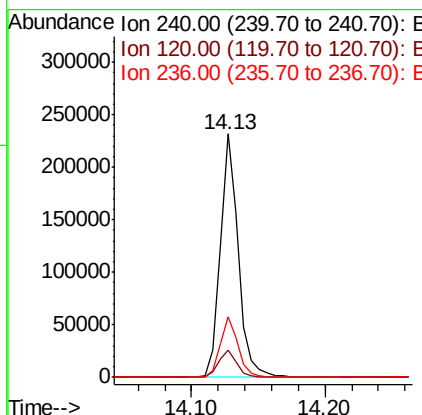
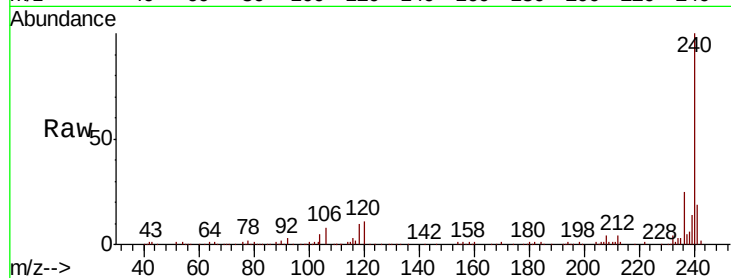




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

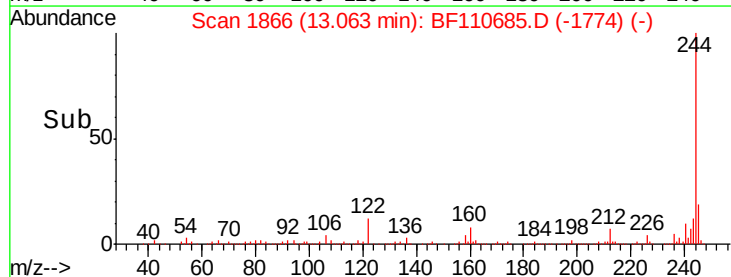
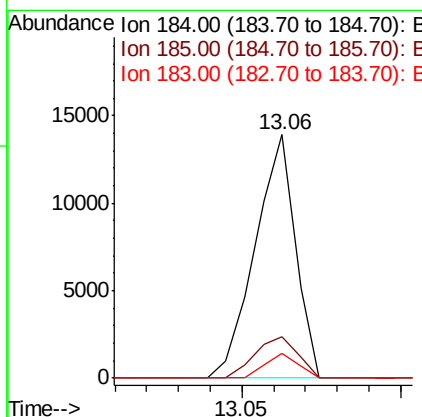
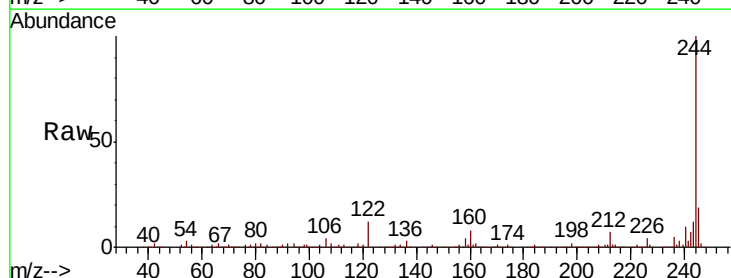
Instrument :
 BNA_F
 ClientSampleId :
 W-2

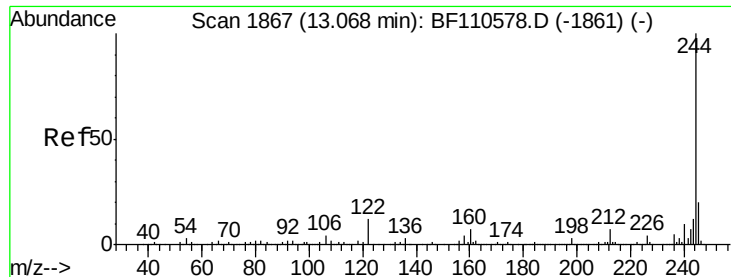
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.8	21.2	31.8



#77
 Benzidine
 Concen: 2.043 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.24 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.2
183	10.2	9.4	14.2

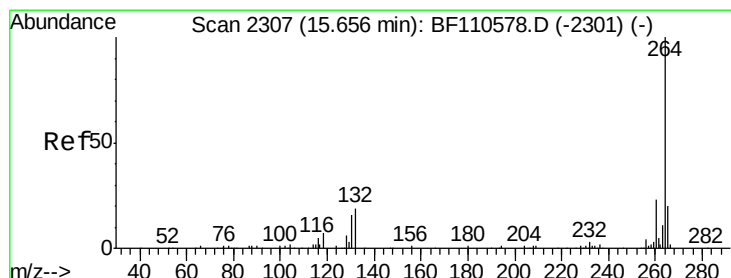
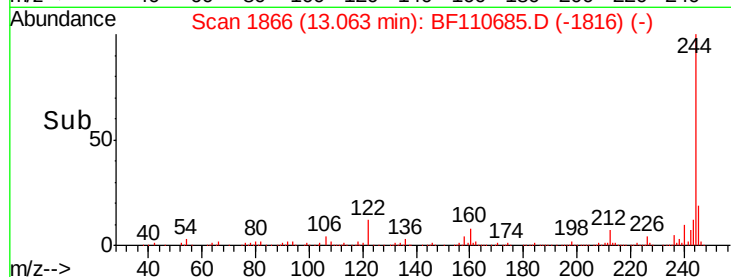
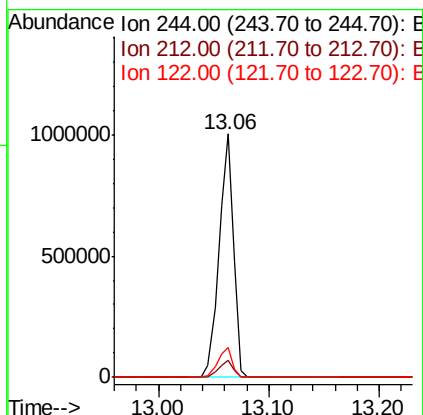
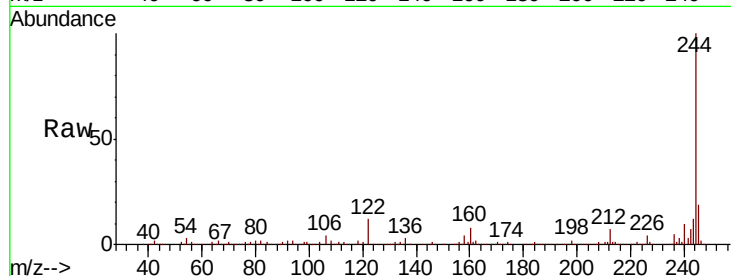




#79
 Terphenyl-d14
 Concen: 77.497 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Instrument :
 BNA_F
 ClientSampled :
 W-2

Tgt Ion:244 Resp: 908330
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.2 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110685.D
 Acq: 12 Nov 2018 20:10

Tgt Ion:264 Resp: 158940
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 20.3 16.7 25.1

