

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110713.D
 Acq On : 13 Nov 2018 9:54
 Operator : JU/SJ
 Sample : J5904-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 10:38:37 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

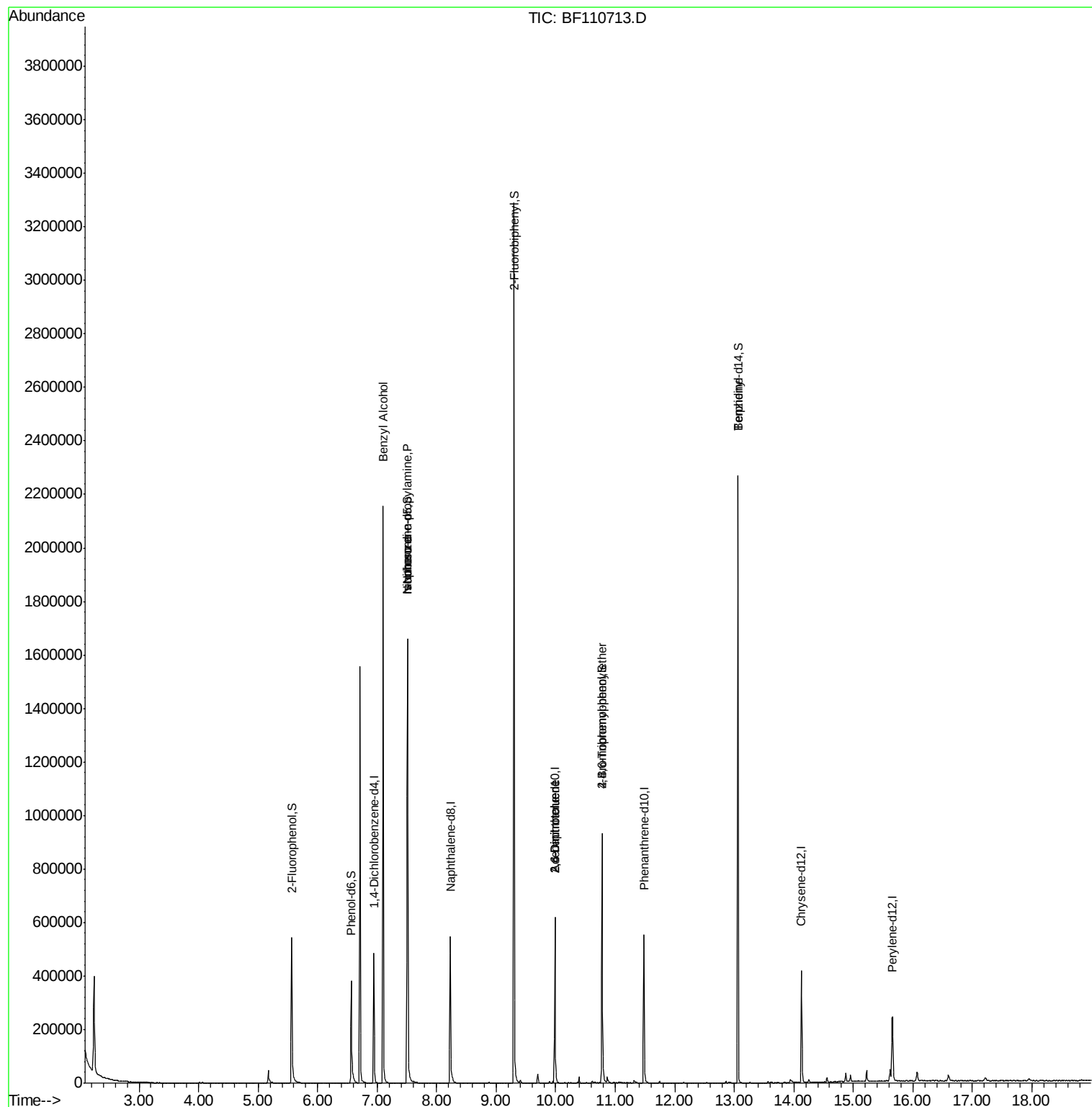
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72014	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	311125	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	140907	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	239753	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158305	20.00	ng	-0.01
87) Perylene-d12	15.66	264	132990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	195115	44.01	ng	0.00
7) Phenol-d6	6.56	99	148694	26.23	ng	-0.01
23) Nitrobenzene-d5	7.51	82	570911	105.68	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	116957	82.37	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1052530	106.68	ng	0.00
79) Terphenyl-d14	13.06	244	740324	87.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	9186	2.070	ng	# 54
19) n-Nitroso-di-n-propylamine	7.51	70	75630	20.898	ng	# 78
25) Isophorone	7.51	82	570906	64.475	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	17444	7.542	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	17444	5.801	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	7357	2.776	ng	# 1
77) Benzidine	13.06	184	10086	2.317	ng	96

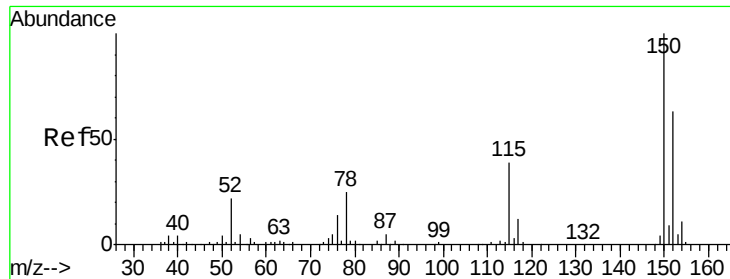
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110713.D
Acq On : 13 Nov 2018 9:54
Operator : JU/SJ
Sample : J5904-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 13 10:38:37 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

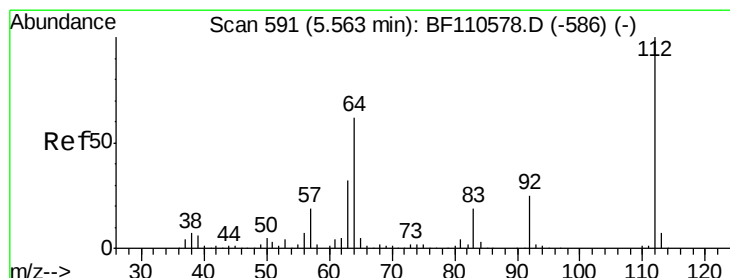
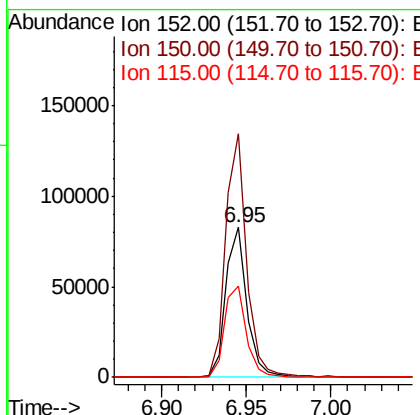
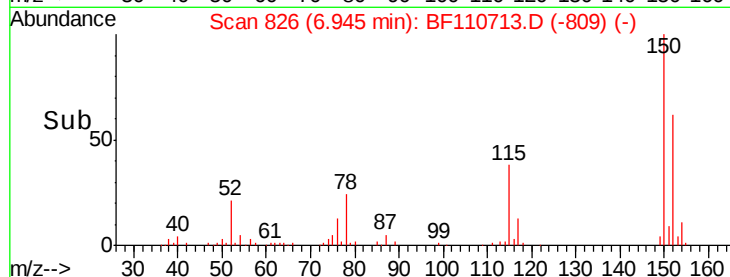
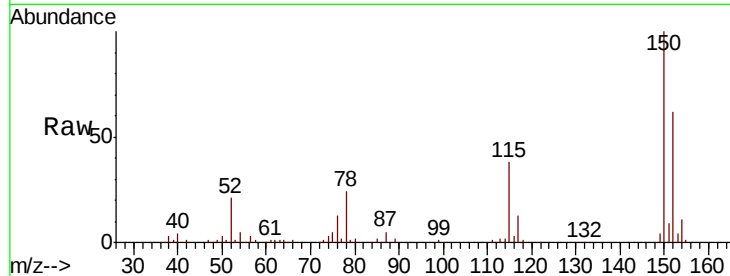




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

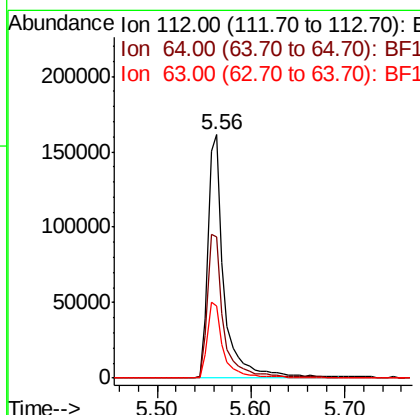
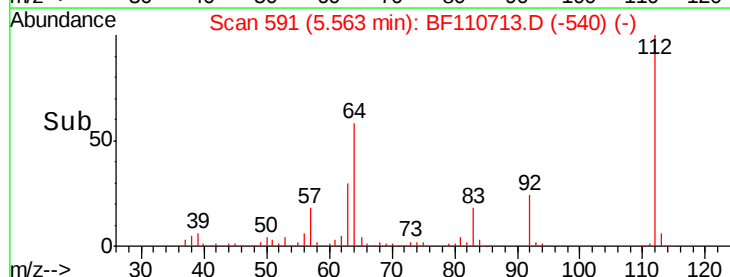
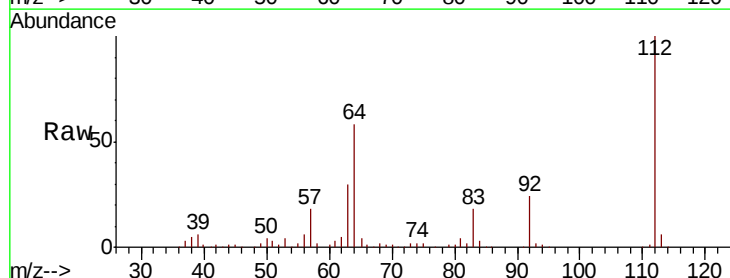
Instrument :
 BNA_F
 ClientSampleId :

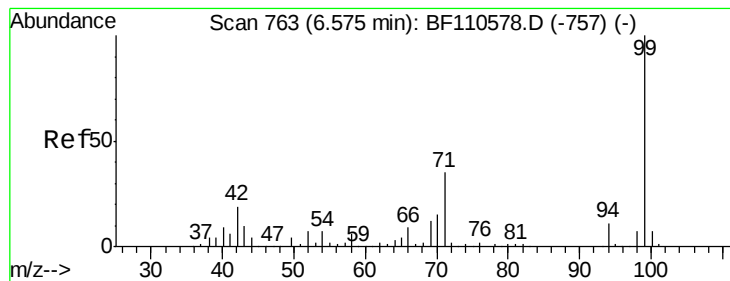
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.7	184.1
115	61.1	49.1	73.7



#5
 2-Fluorophenol
 Concen: 44.009 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.1	66.1
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 26.228 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

Instrument :

BNA_F

ClientSampleId :

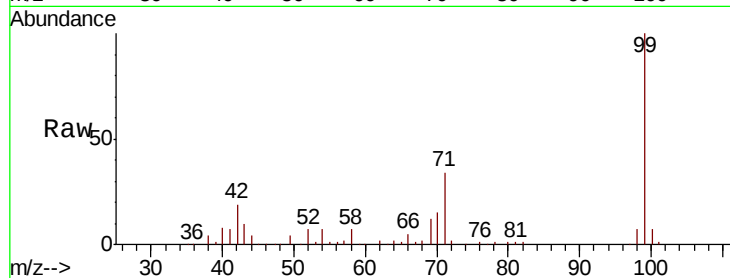
Tot Ion: 99 Resp: 148694

Ion Ratio Lower Upper

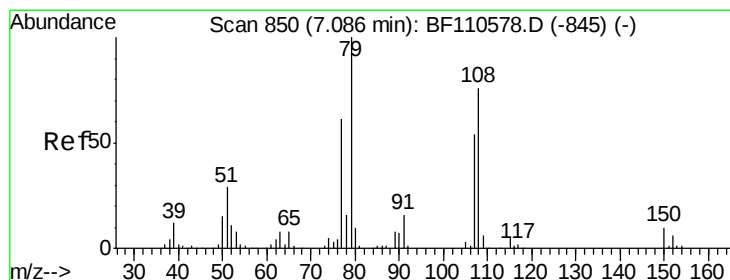
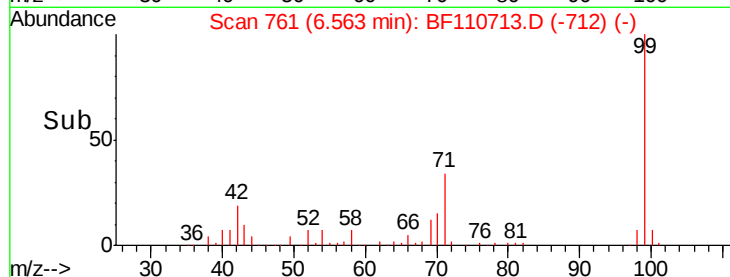
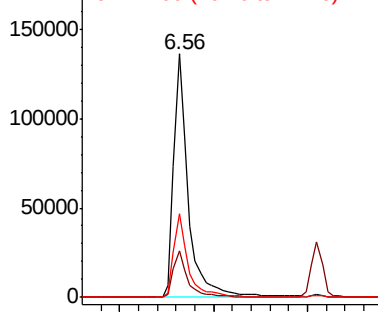
99 100

42 19.1 15.8 23.6

71 34.3 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



#15

Benzyl Alcohol

Concen: 2.070 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

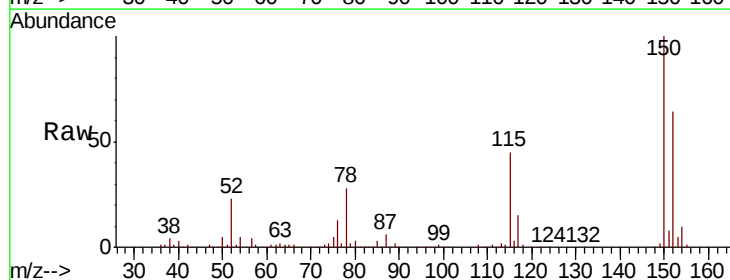
Tgt Ion: 79 Resp: 9186

Ion Ratio Lower Upper

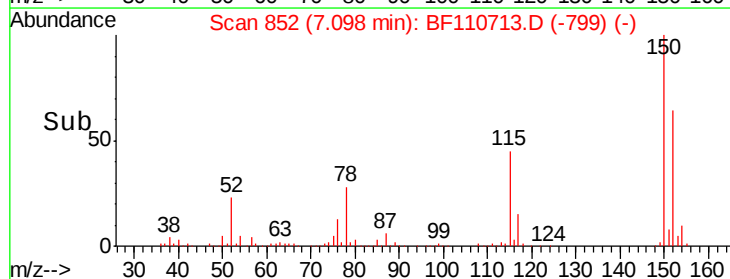
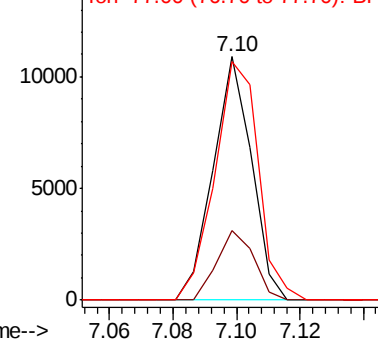
79 100

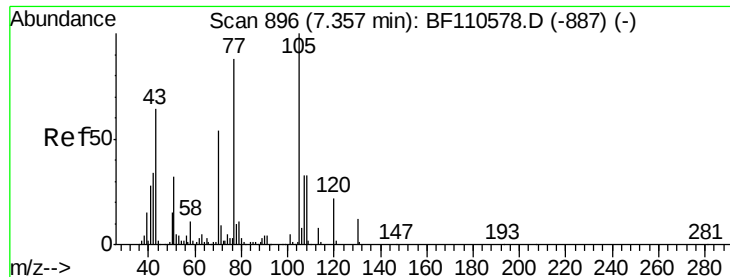
108 28.4 56.3 84.5#

77 97.9 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

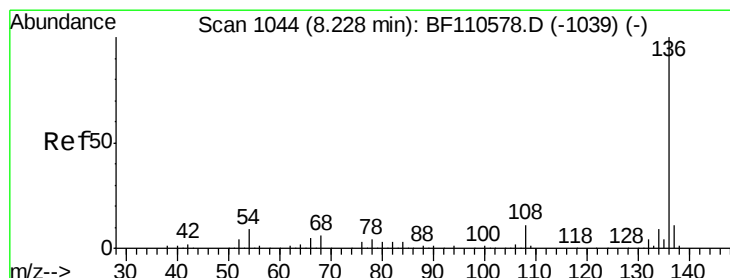
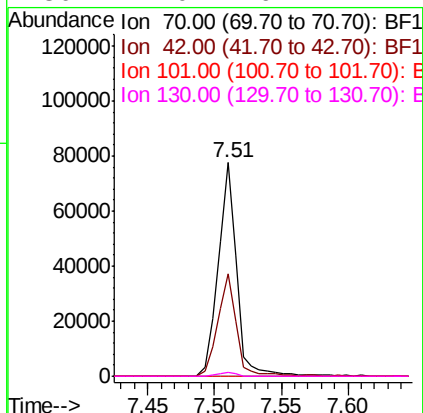
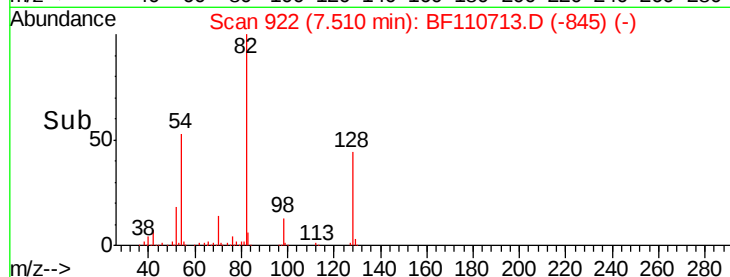
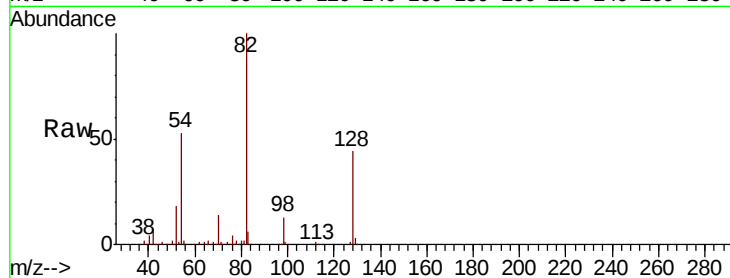




#19
n-Nitroso-di-n-propylamine
Concen: 20.898 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110713.D
Acq: 13 Nov 2018 9:54

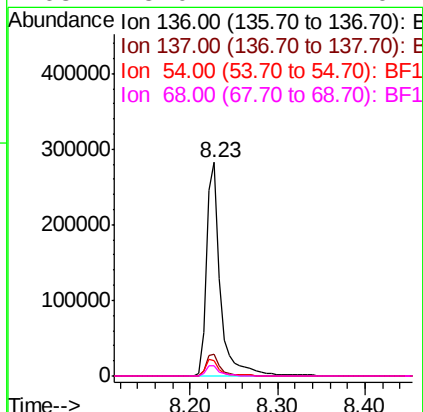
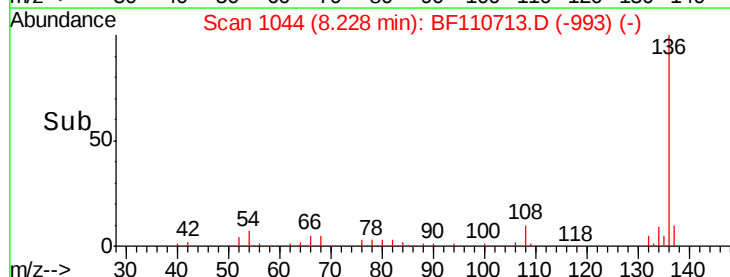
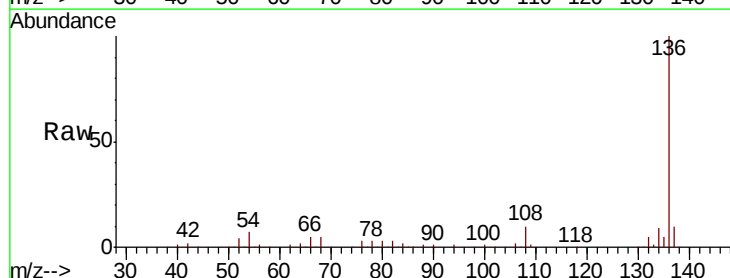
Instrument :
BNA_F
ClientSampled :

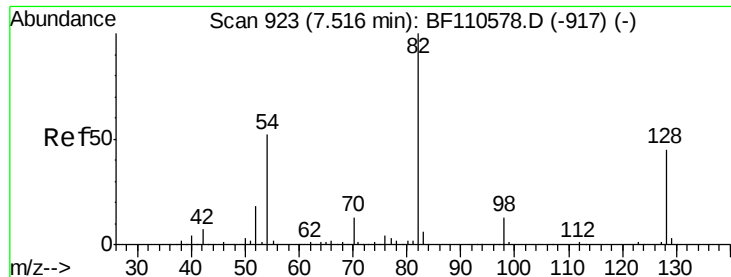
Tot Ion: 70 Resp: 75630
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110713.D
Acq: 13 Nov 2018 9:54

Tgt Ion: 136 Resp: 311125
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.4 5.4 8.2
68 5.0 4.2 6.2

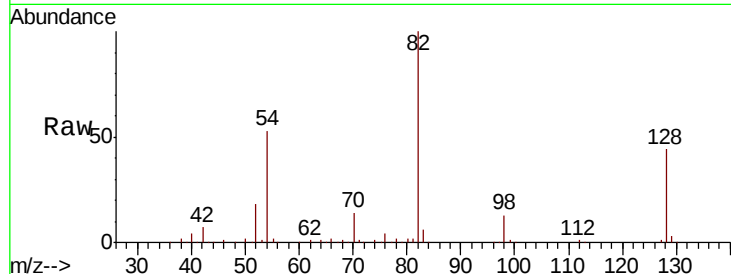




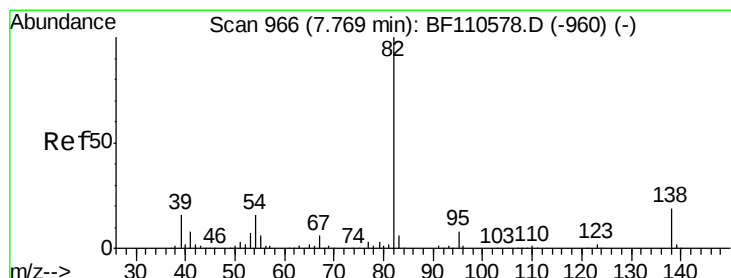
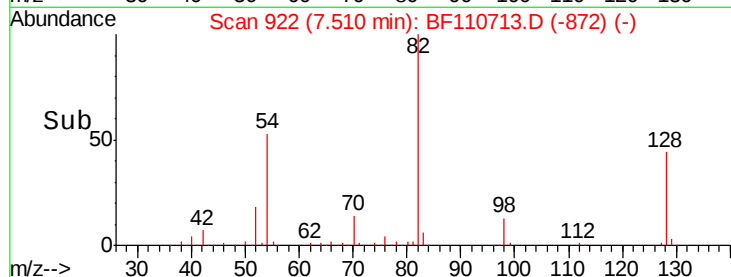
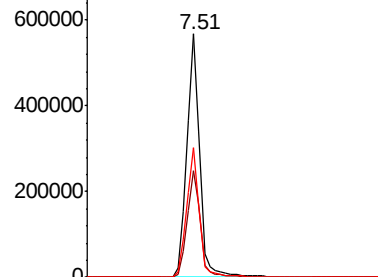
#23
 Nitrobenzene-d5
 Concen: 105.676 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	570911
Ion Ratio	100	Lower	Upper
128	43.7	34.2	51.2
54	53.4	38.6	58.0

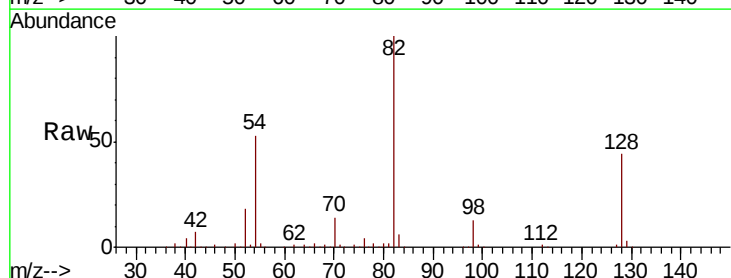


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

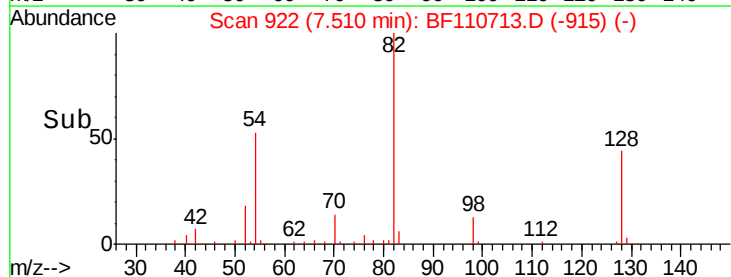
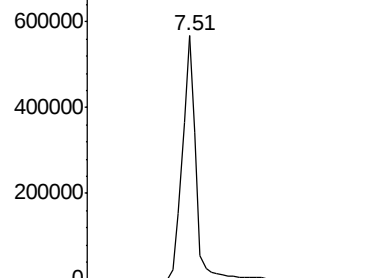


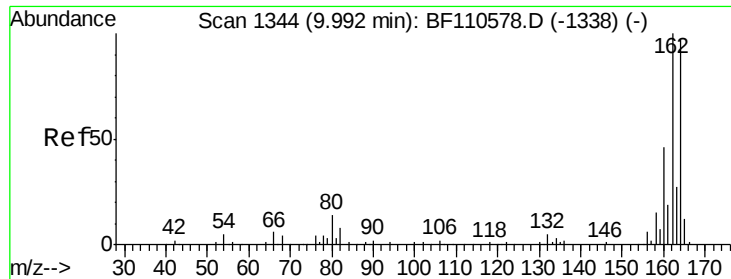
#25
 Isophorone
 Concen: 64.475 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

Tgt Ion	82	Resp	570906
Ion Ratio	100	Lower	Upper
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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

Instrument :

BNA_F

ClientSampleId :

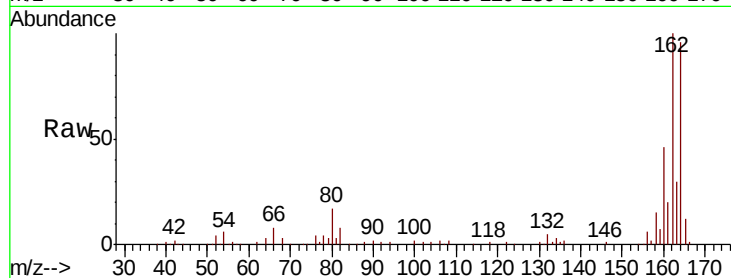
Tot Ion:164 Resp: 140907

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

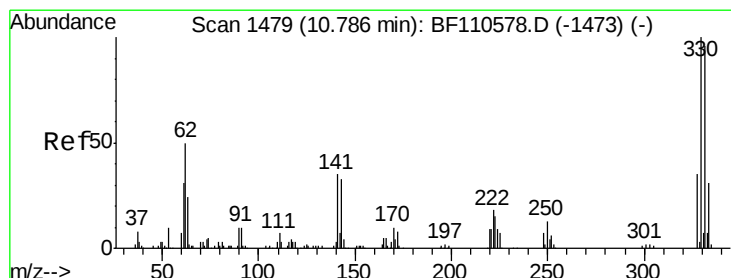
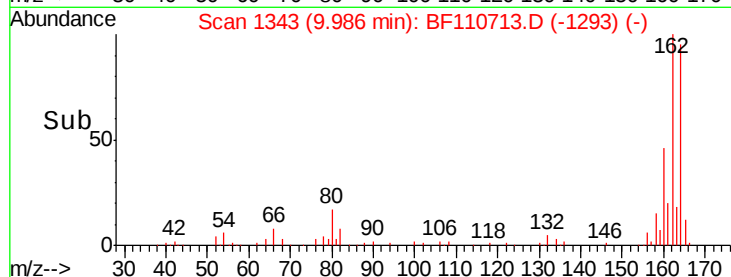
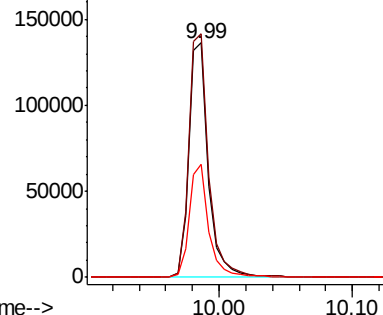
160 48.2 37.0 55.6



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: 82.375 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

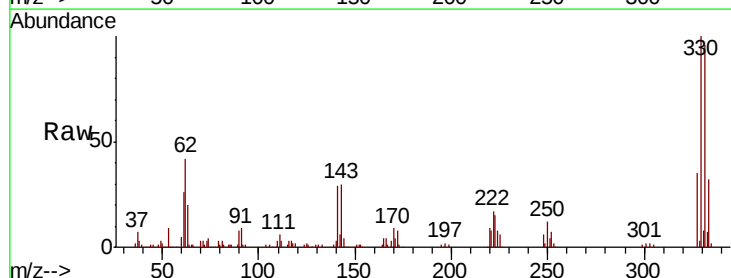
Tgt Ion:330 Resp: 116957

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

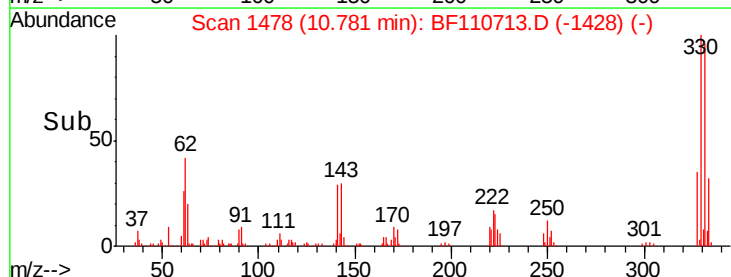
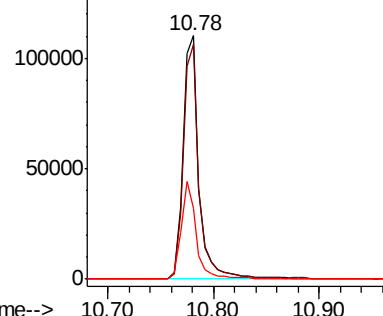
141 37.5 27.0 40.4

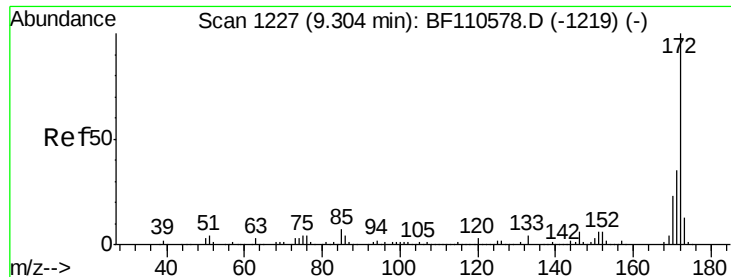


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

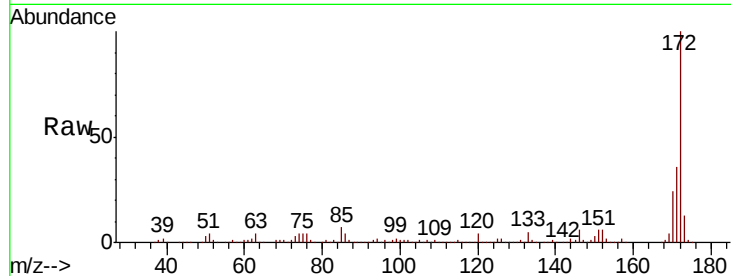




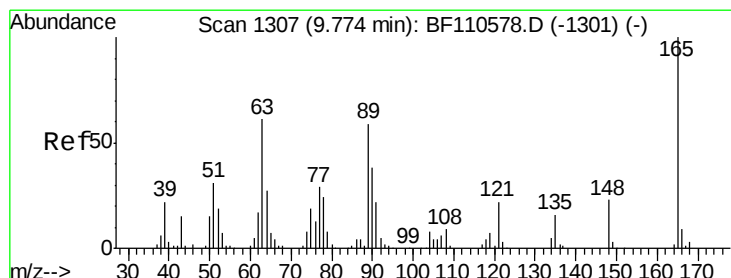
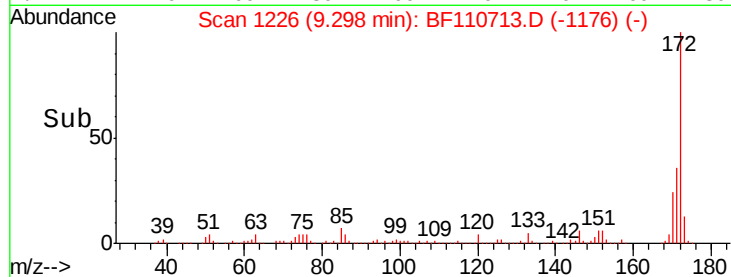
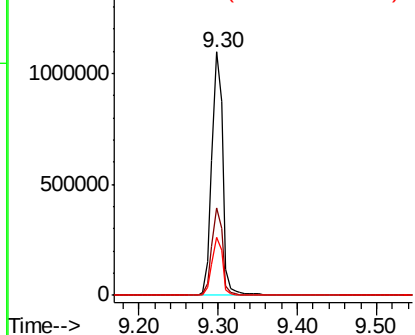
#45
2-Fluorobiphenyl
Concen: 106.681 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110713.D
Acq: 13 Nov 2018 9:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1052530
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.7 29.5

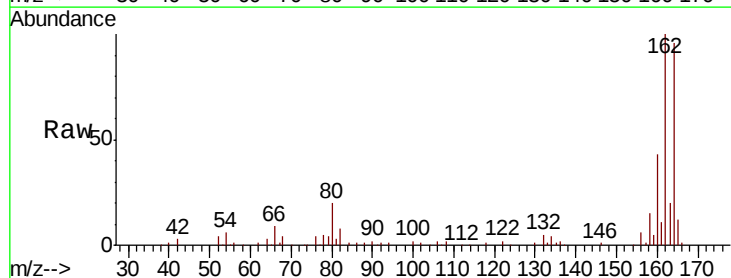


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

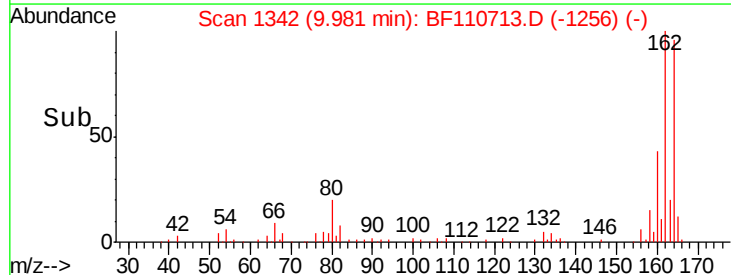
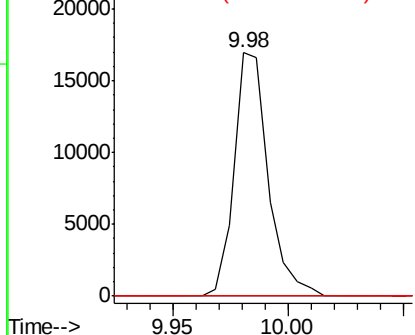


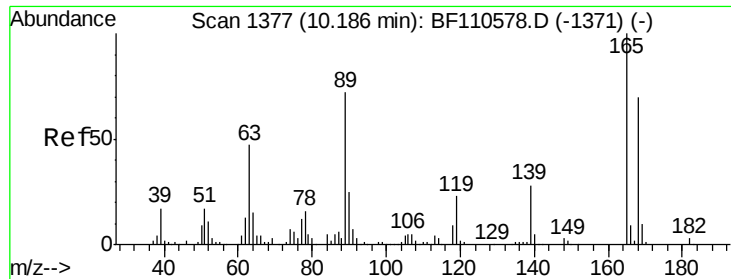
#51
2,6-Dinitrotoluene
Concen: 7.542 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110713.D
Acq: 13 Nov 2018 9:54

Tgt Ion:165 Resp: 17444
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: 5.801 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 17444

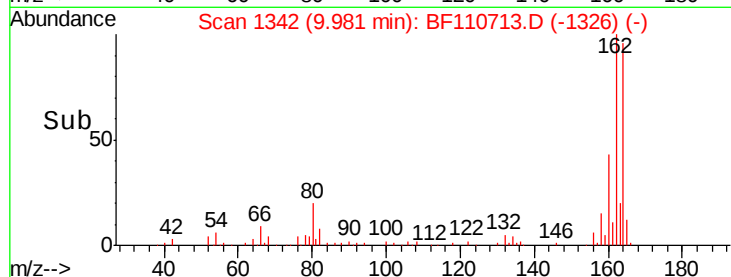
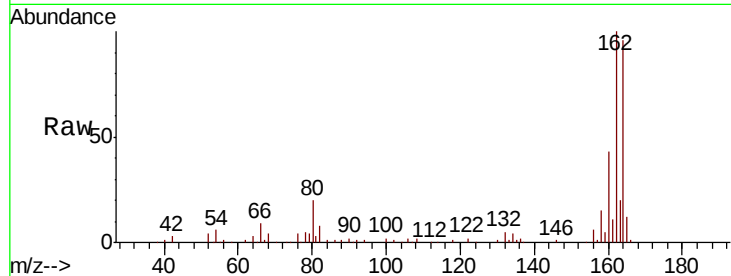
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

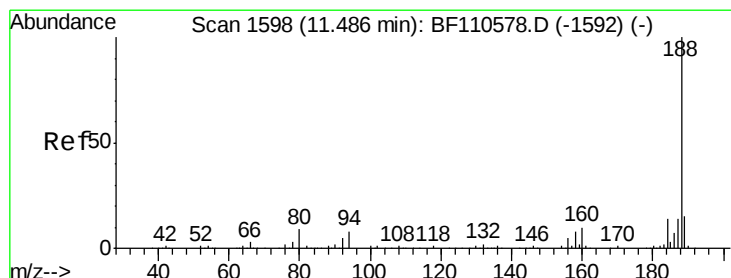
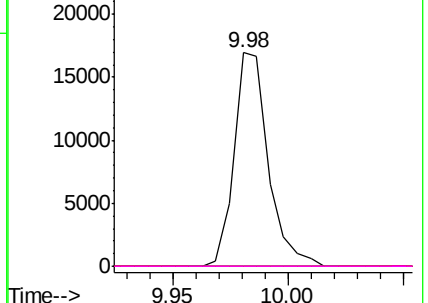


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110713.D

Acq: 13 Nov 2018 9:54

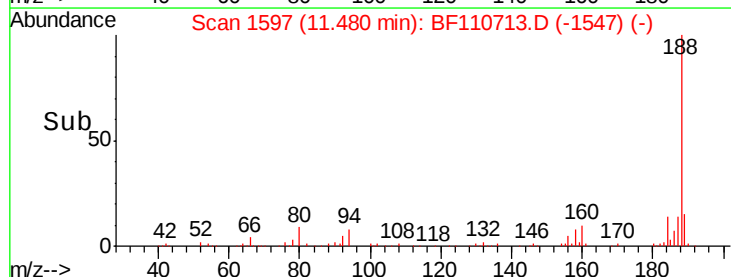
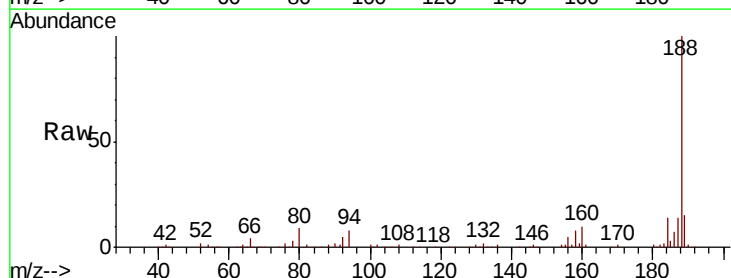
Tgt Ion:188 Resp: 239753

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

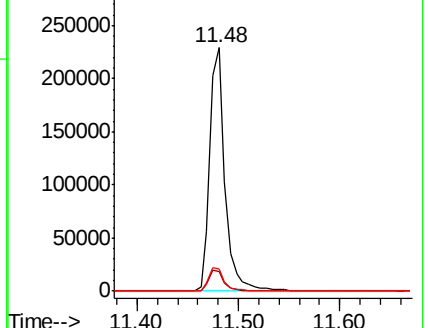
80 9.0 7.9 11.9

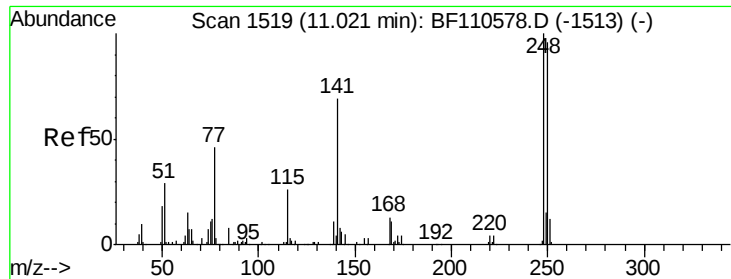


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

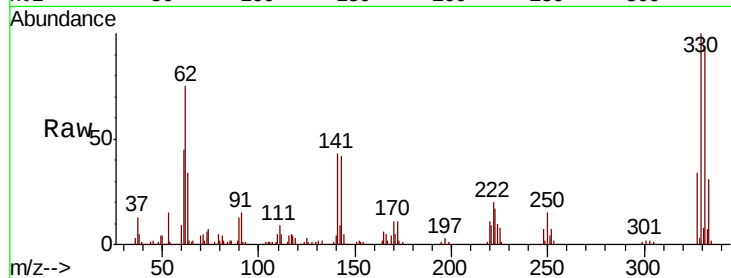




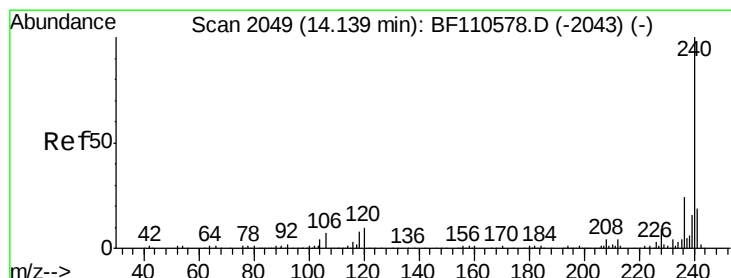
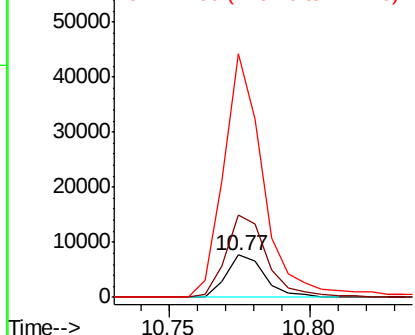
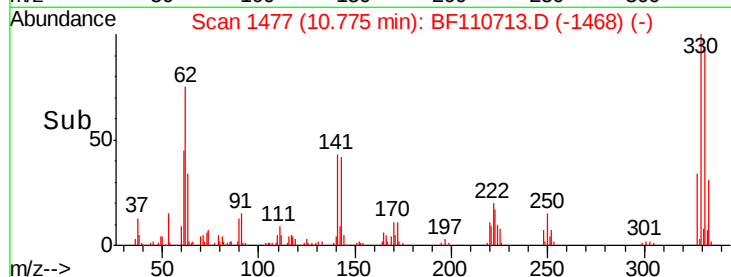
#67
 4-Bromophenyl-phenylether
 Concen: 2.776 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7357
 Ion Ratio Lower Upper
 248 100
 250 194.5 79.4 119.2#
 141 577.3 55.9 83.9#

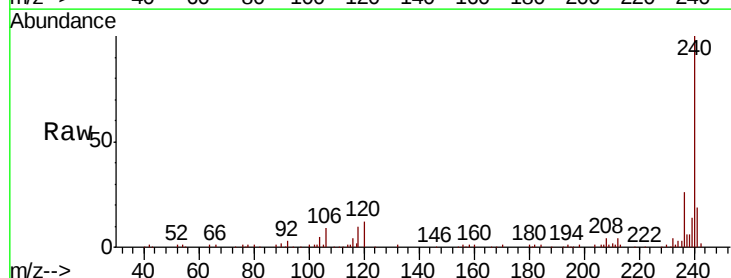


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

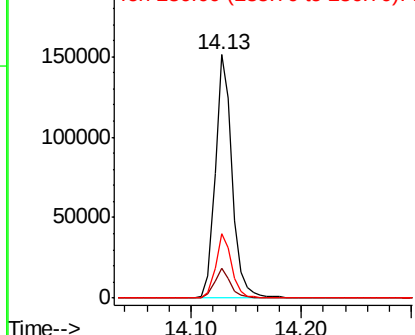
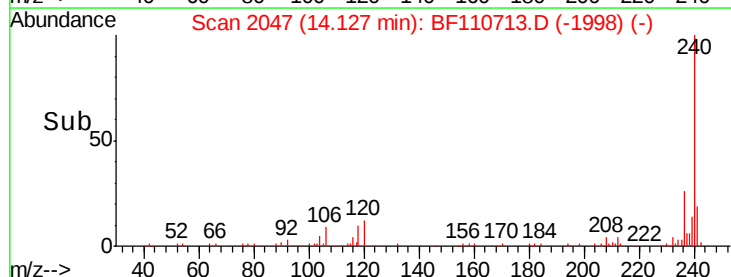


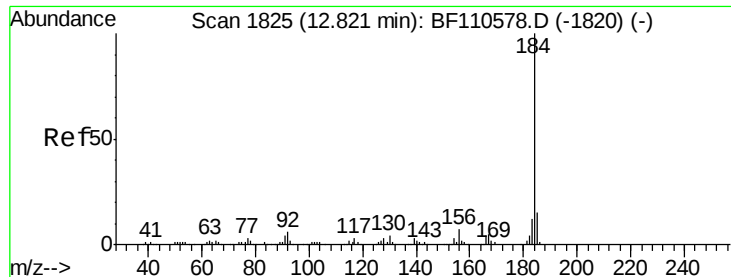
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110713.D
 Acq: 13 Nov 2018 9:54

Tgt Ion:240 Resp: 158305
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.3 21.2 31.8



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





#77

Benzidine

Concen: 2.317 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

Instrument :

BNA_F

ClientSampleId :

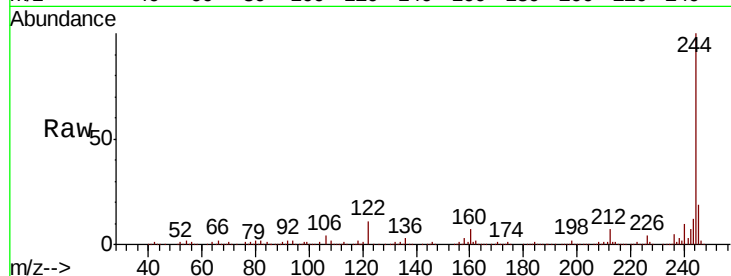
Tot Ion:184 Resp: 10086

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.2

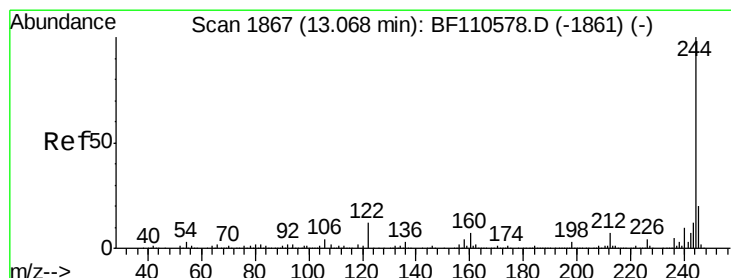
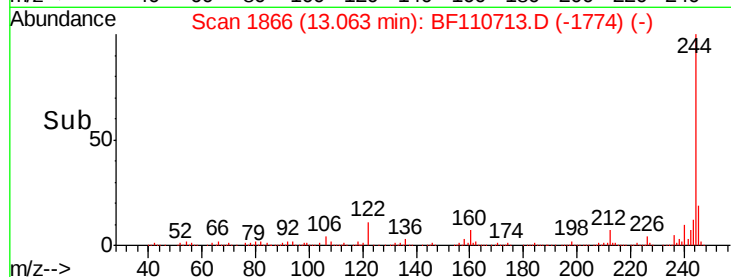
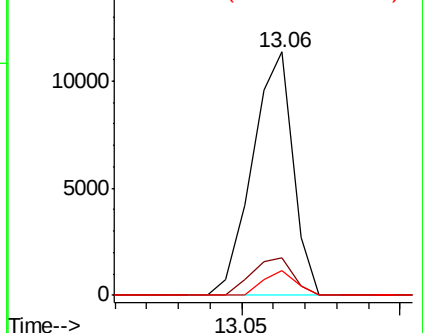
183 10.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 87.581 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110713.D

Acq: 13 Nov 2018 9:54

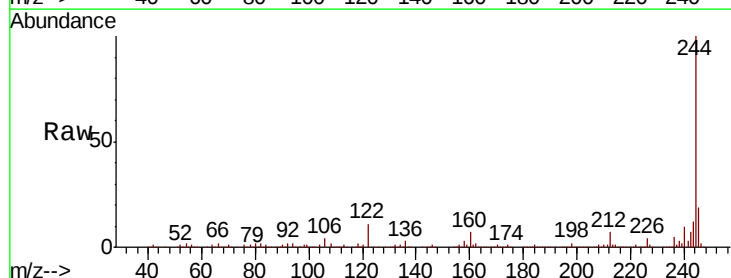
Tgt Ion:244 Resp: 740324

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

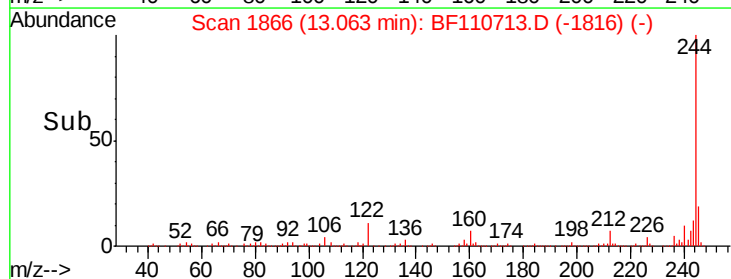
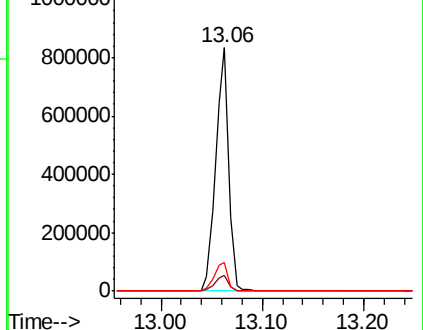
122 11.5 8.7 13.1

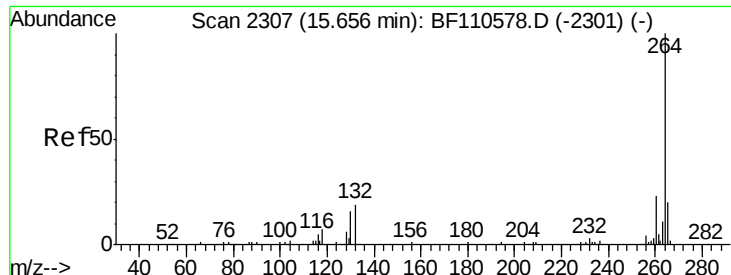


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110713.D
Acq: 13 Nov 2018 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	20.7	16.7	25.1

