

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110618.D
 Acq On : 9 Nov 2018 10:58
 Operator : JU/SJ
 Sample : J5813-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:44:57 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

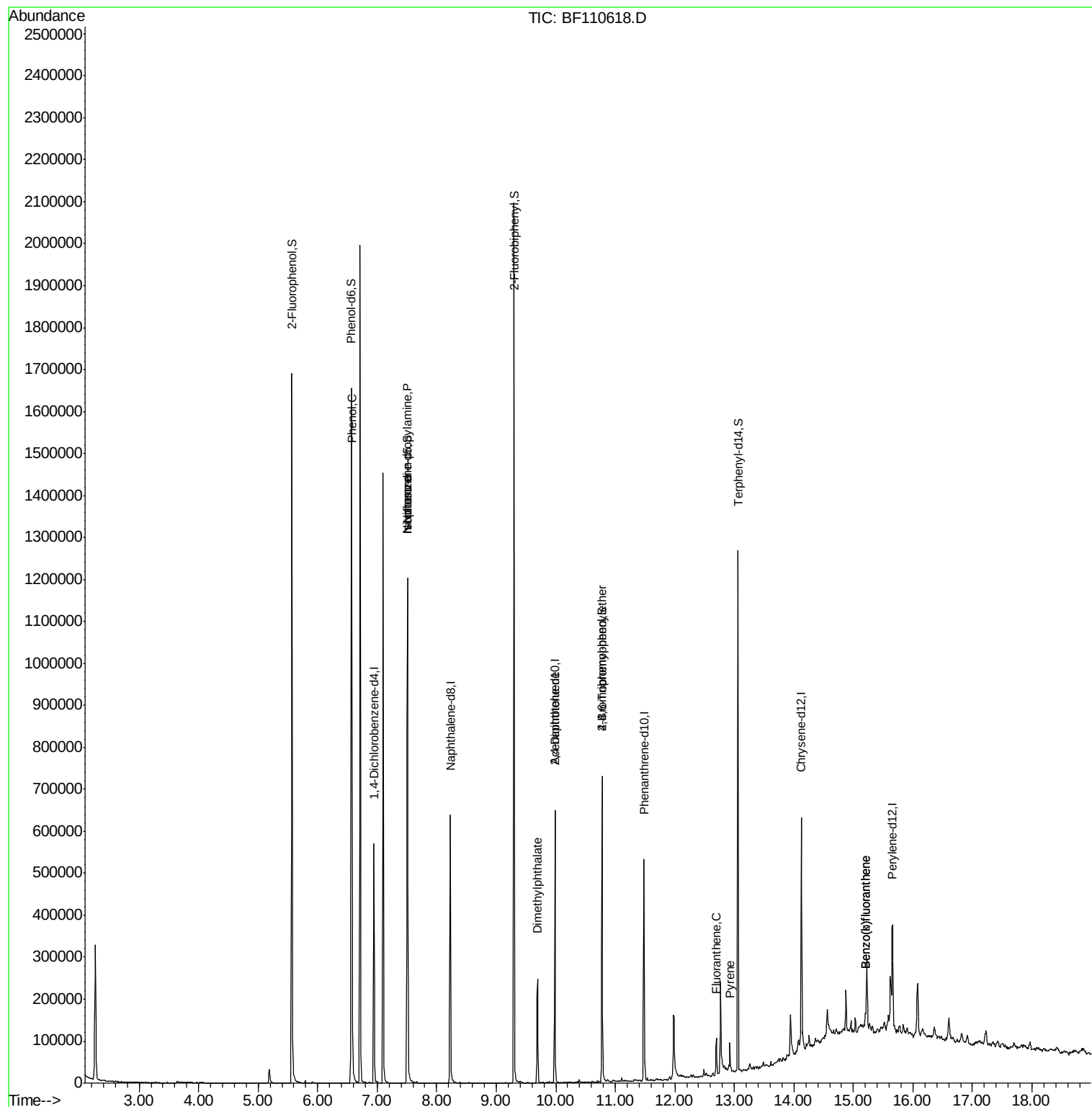
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79180	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	313770	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	130774	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	194303	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162527	20.00	ng	-0.01
87) Perylene-d12	15.66	264	122264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	481694	98.82	ng	0.00
7) Phenol-d6	6.57	99	618141	99.16	ng	0.00
23) Nitrobenzene-d5	7.51	82	382245	70.16	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	82492	62.60	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	623847	68.13	ng	0.00
79) Terphenyl-d14	13.06	244	405041	46.67	ng	0.00
Target Compounds						
10) Phenol	6.58	94	40602	5.617	ng	# 70
19) n-Nitroso-di-n-propylamine	7.51	70	49961	12.556	ng	# 82
25) Isophorone	7.51	82	382242	42.805	ng	# 67
50) Dimethylphthalate	9.69	163	105916	10.854	ng	99
57) 2,4-Dinitrotoluene	9.99	165	16545	5.928	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	5323	2.479	ng	# 1
75) Fluoranthene	12.70	202	32495	3.114	ng	97
78) Pyrene	12.93	202	26763	2.139	ng	98
88) Benzo(b)fluoranthene	15.20	252	24304	3.323	ng	# 85
89) Benzo(k)fluoranthene	15.20	252	24304	3.363	ng	# 84

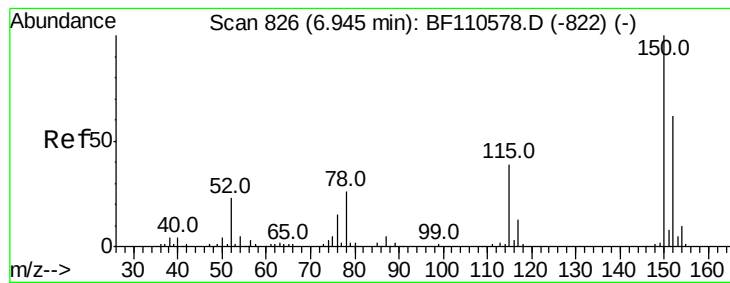
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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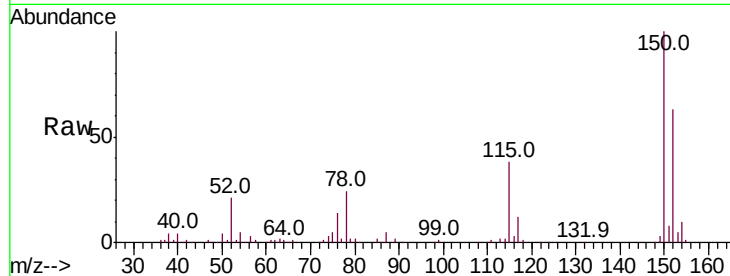


#1

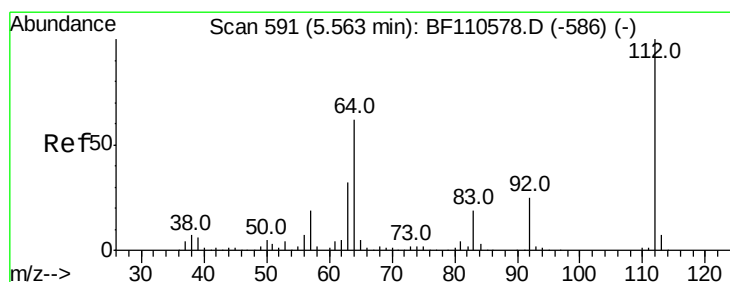
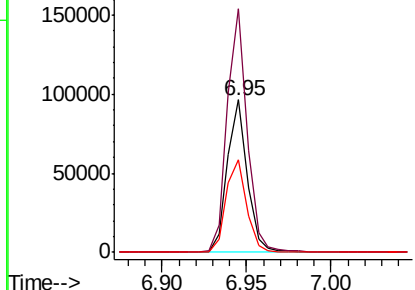
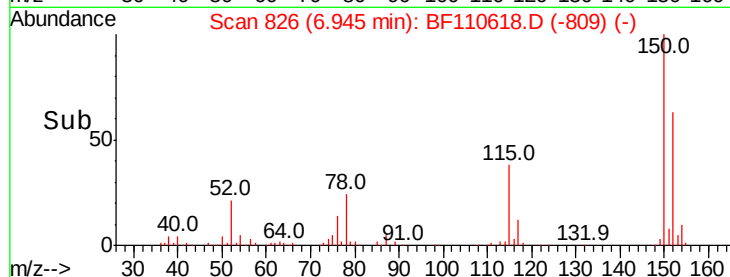
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79180
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 61.0 49.1 73.7



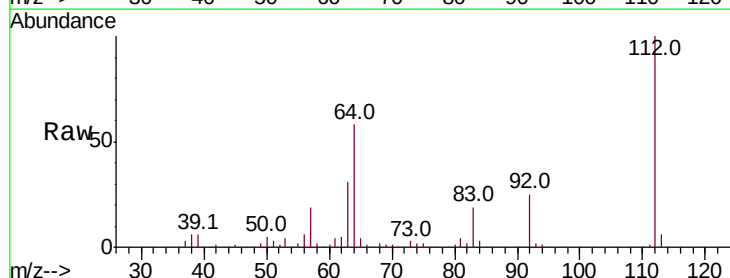
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



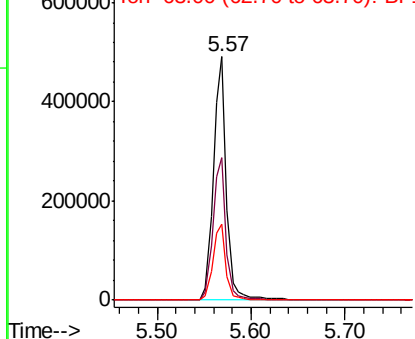
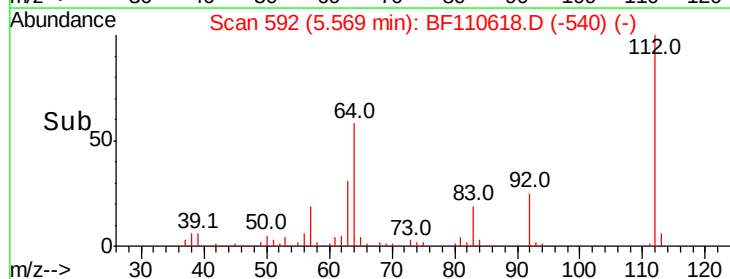
#5

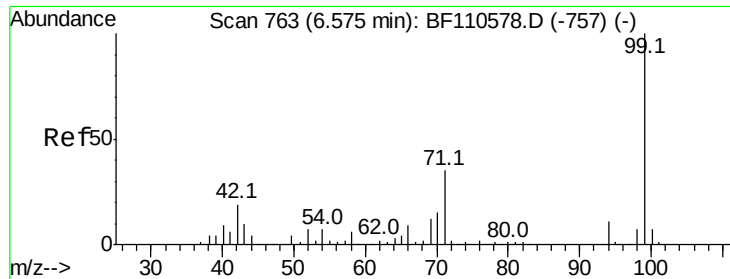
2-Fluorophenol
Concen: 98.816 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Tgt Ion:112 Resp: 481694
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.1 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: 99.164 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110618.D

Acq: 9 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

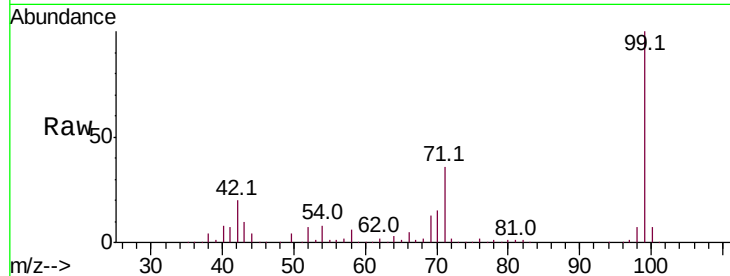
Tot Ion: 99 Resp: 618141

Ion Ratio Lower Upper

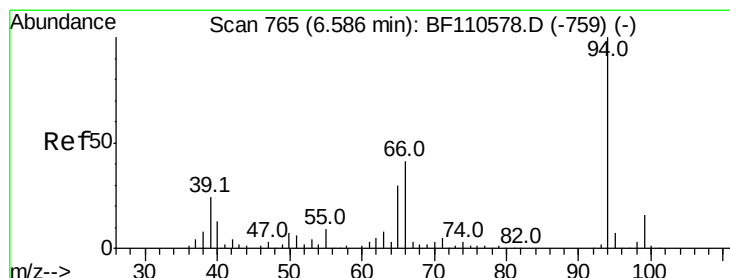
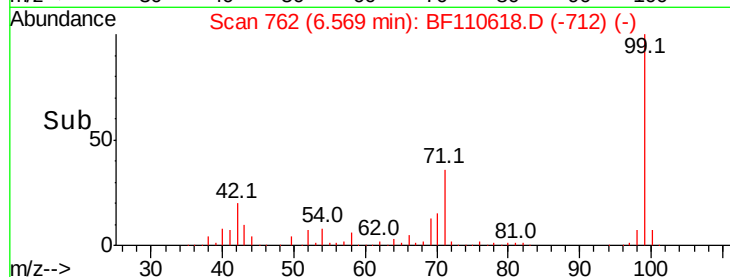
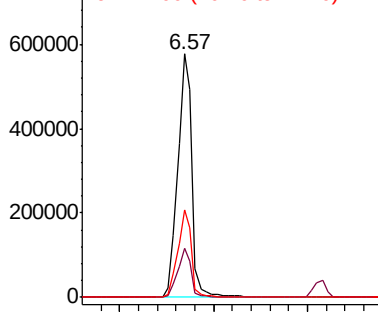
99 100

42 19.9 15.8 23.6

71 35.7 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



#10

Phenol

Concen: 5.617 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110618.D

Acq: 9 Nov 2018 10:58

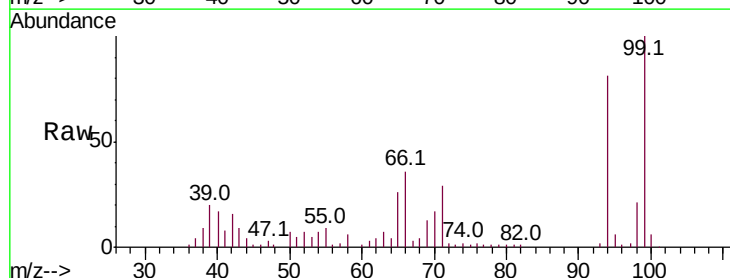
Tgt Ion: 94 Resp: 40602

Ion Ratio Lower Upper

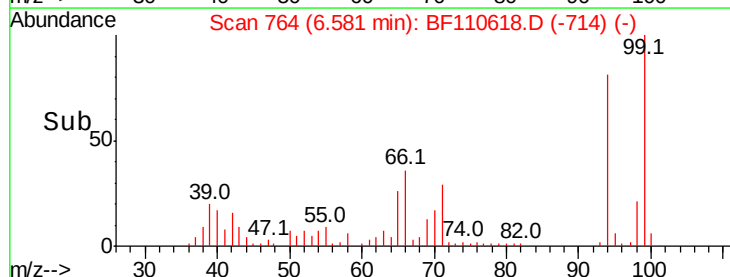
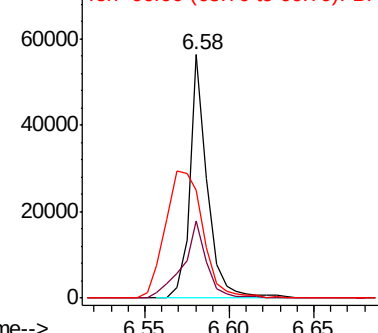
94 100

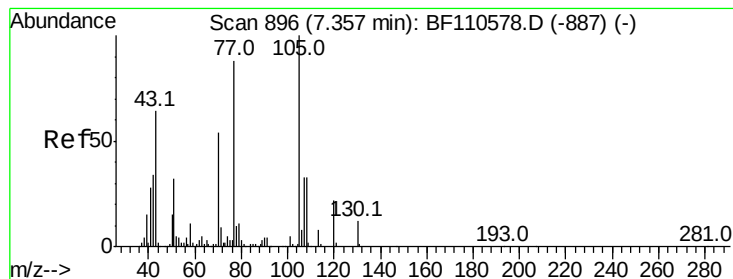
65 31.9 25.3 65.3

66 44.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.556 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110618.D

Acq: 9 Nov 2018 10:58

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 49961

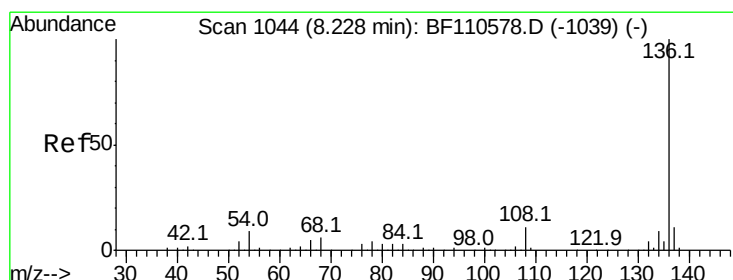
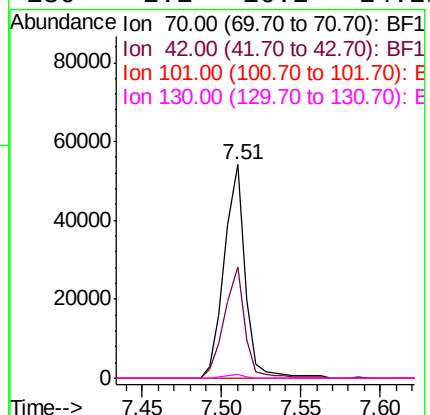
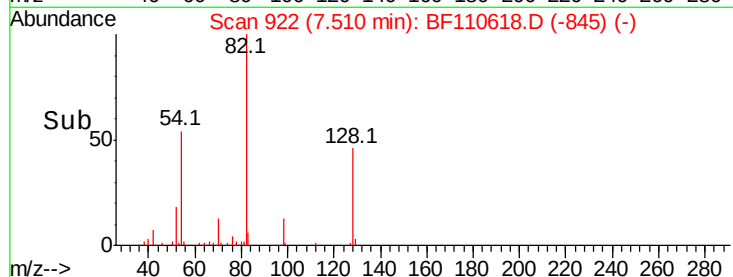
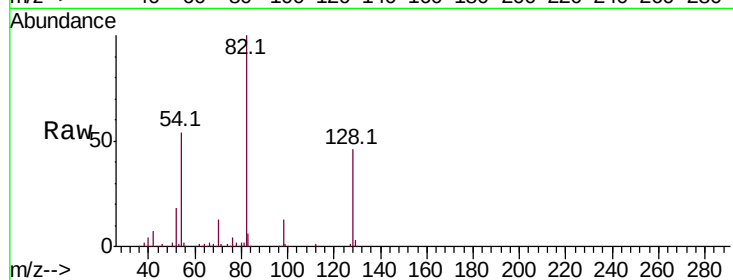
Ion Ratio Lower Upper

70 100

42 51.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 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: BF110618.D

Acq: 9 Nov 2018 10:58

Tgt Ion: 136 Resp: 313770

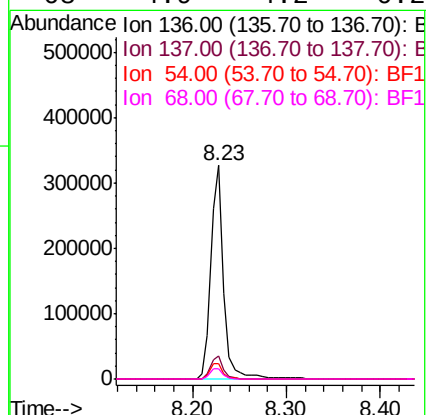
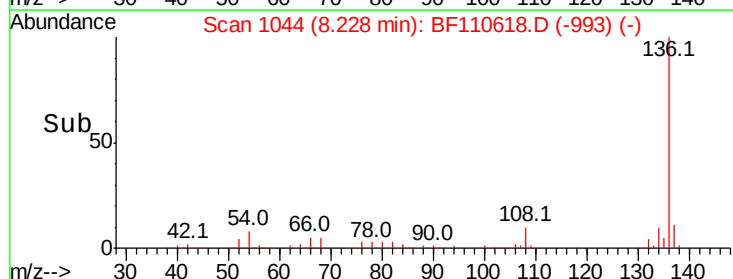
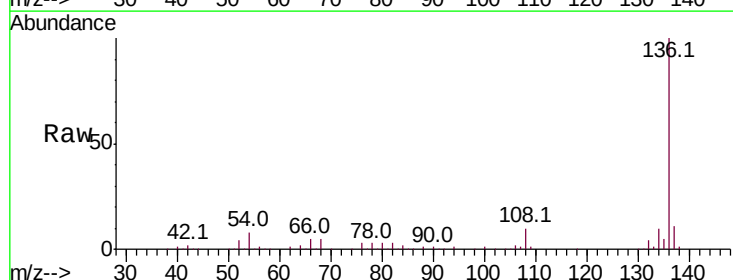
Ion Ratio Lower Upper

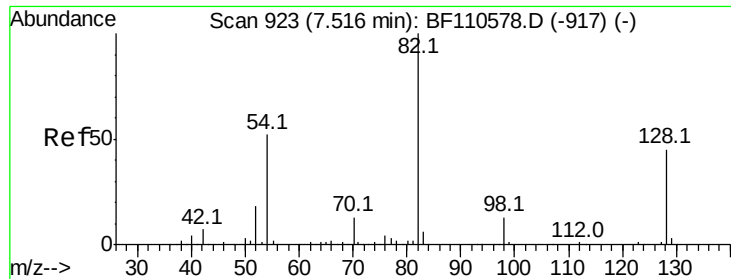
136 100

137 10.7 8.8 13.2

54 7.5 5.4 8.2

68 4.9 4.2 6.2

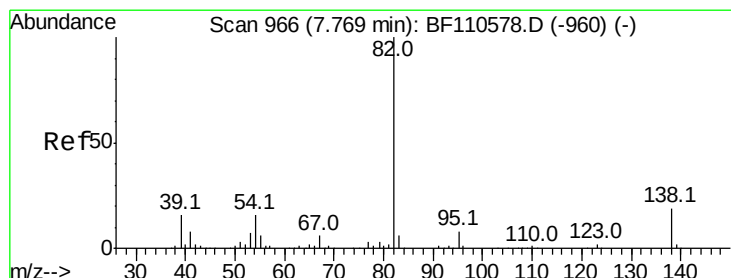
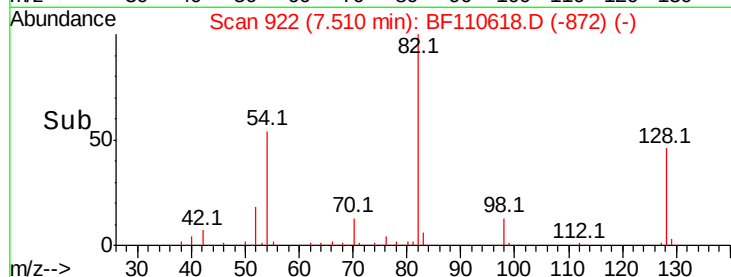
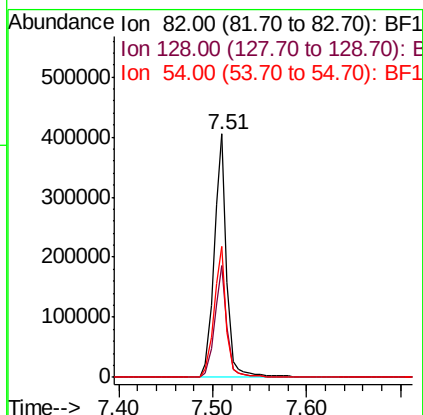
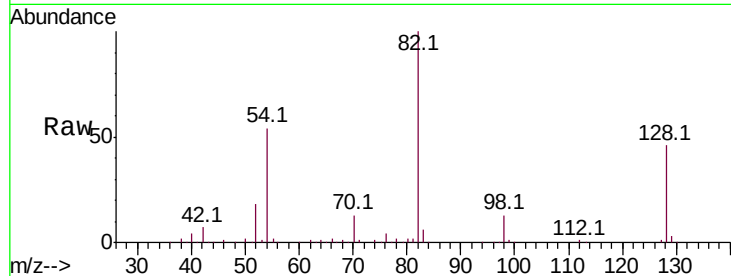




#23
 Nitrobenzene-d5
 Concen: 70.157 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

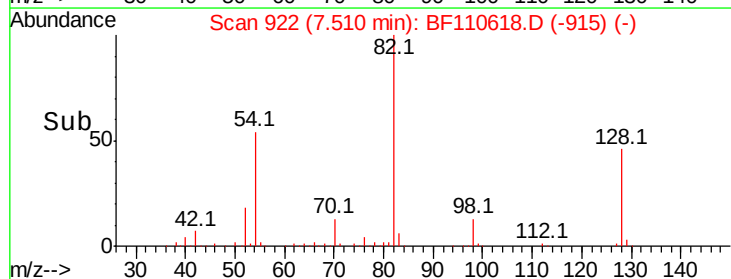
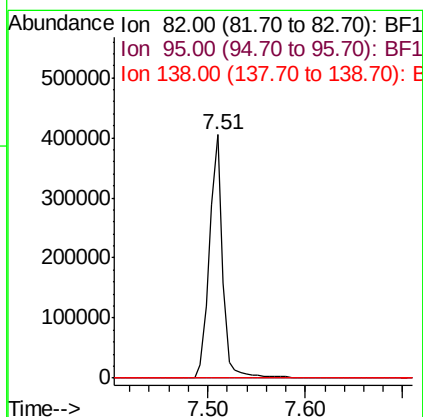
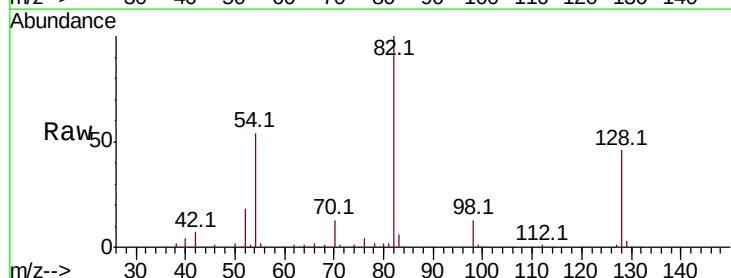
Instrument :
 BNA_F
 ClientSampled :

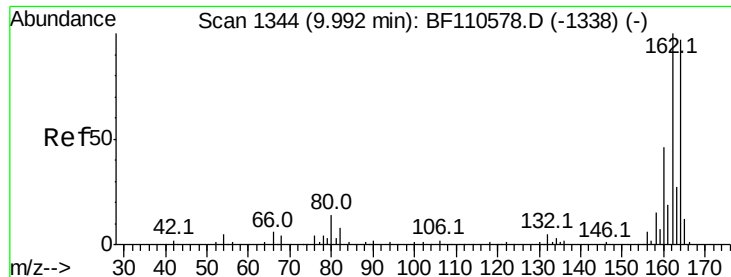
Tot Ion	82	Resp	382245
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.2	51.2
54	54.0	38.6	58.0



#25
 Isophorone
 Concen: 42.805 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

Tgt Ion	82	Resp	382242
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

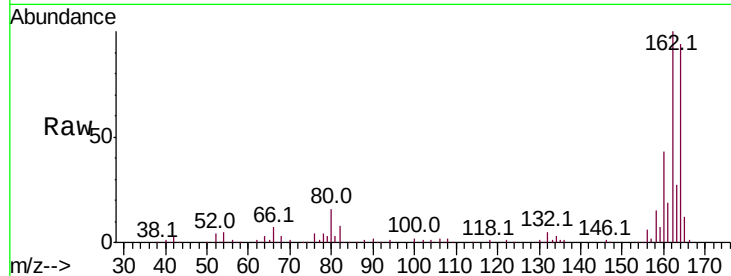




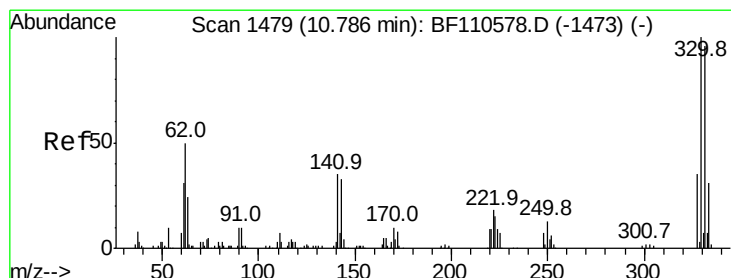
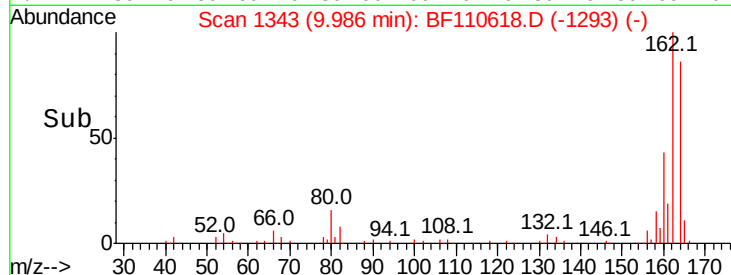
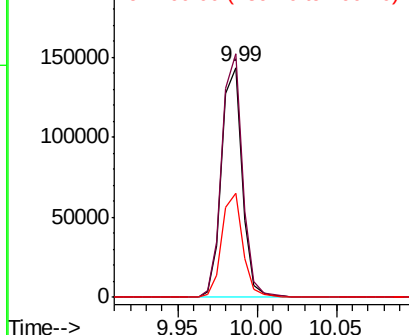
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 130774
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.6
160 45.3 37.0 55.6

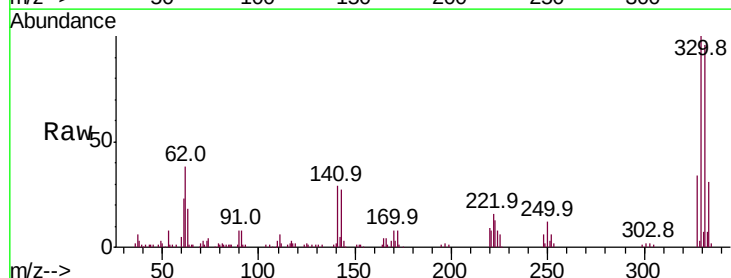


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

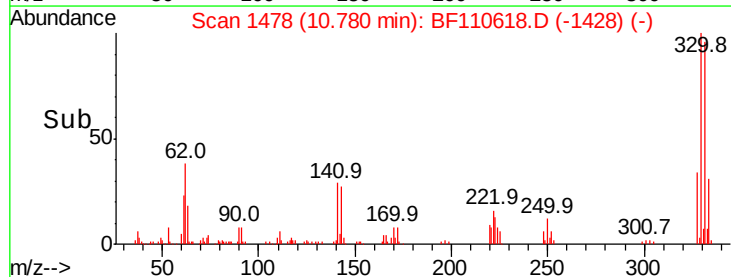
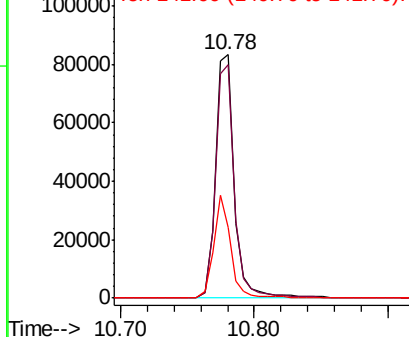


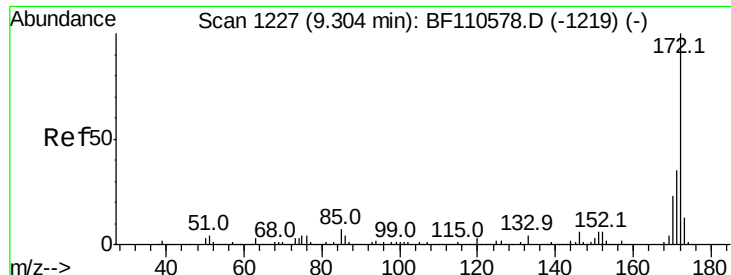
#42
2,4,6-Tribromophenol
Concen: 62.602 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Tgt Ion:330 Resp: 82492
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 37.9 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

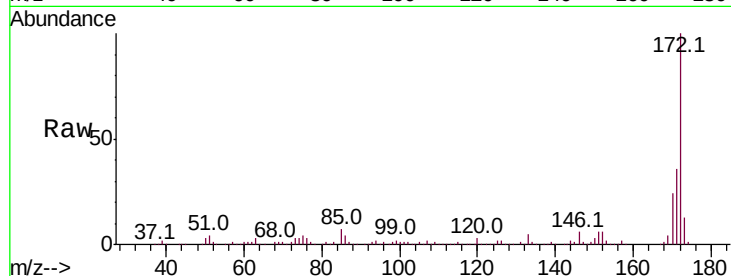




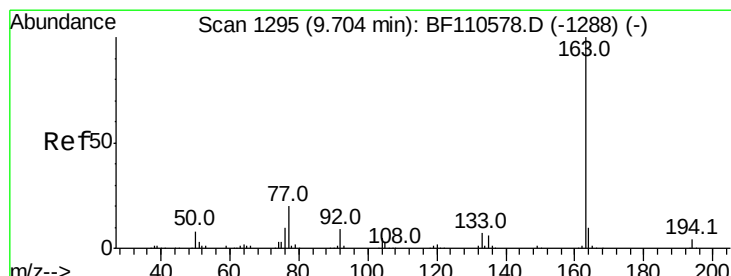
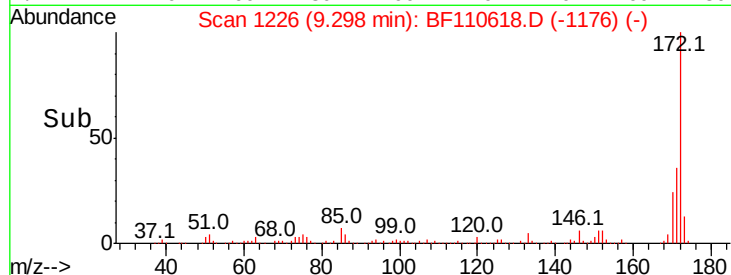
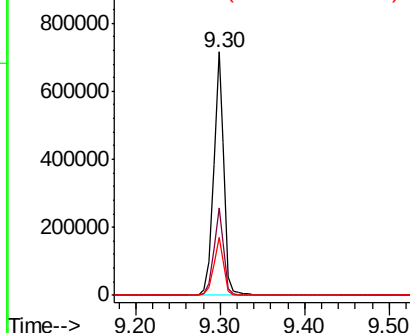
#45
2-Fluorobiphenyl
Concen: 68.130 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 623847
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.7 29.5

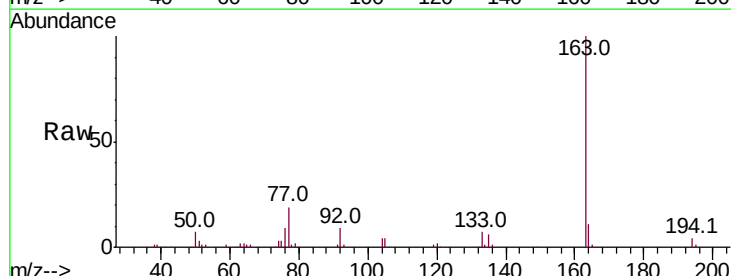


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

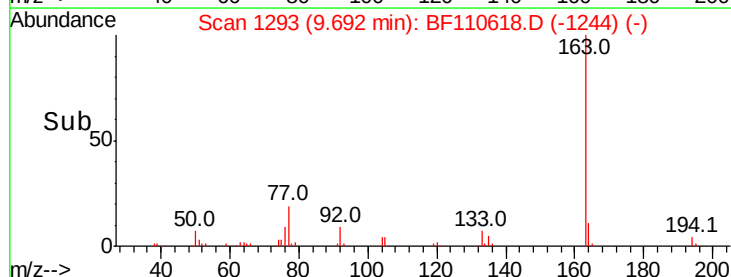
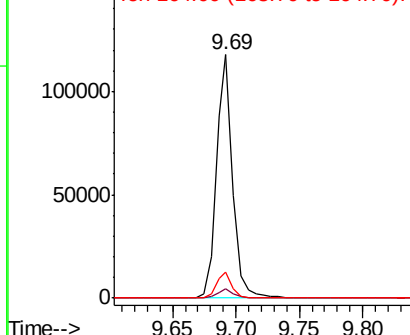


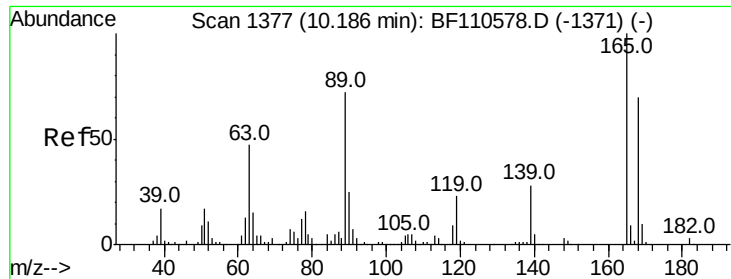
#50
Dimethylphthalate
Concen: 10.854 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Tgt Ion:163 Resp: 105916
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 8.1 12.1



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

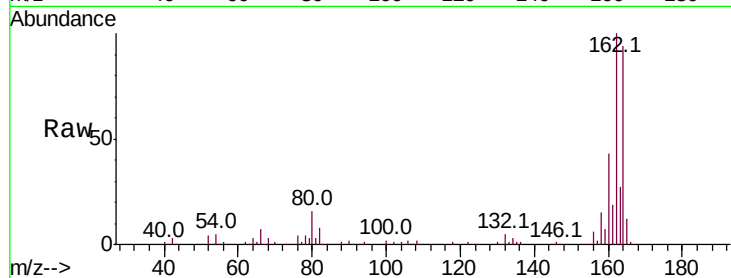




#57
 2,4-Dinitrotoluene
 Concen: 5.928 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



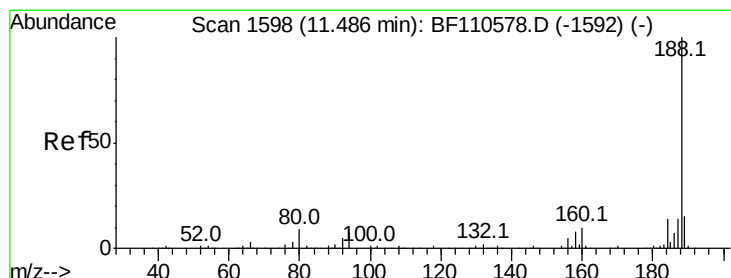
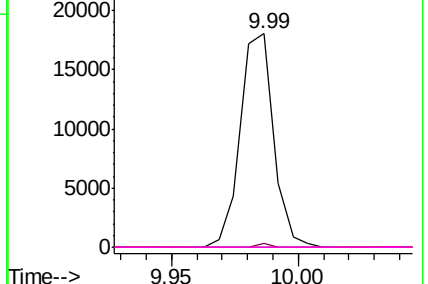
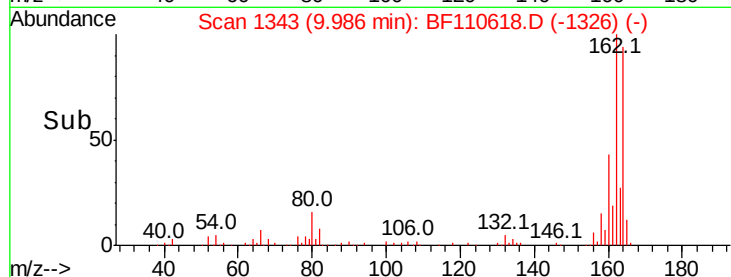
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

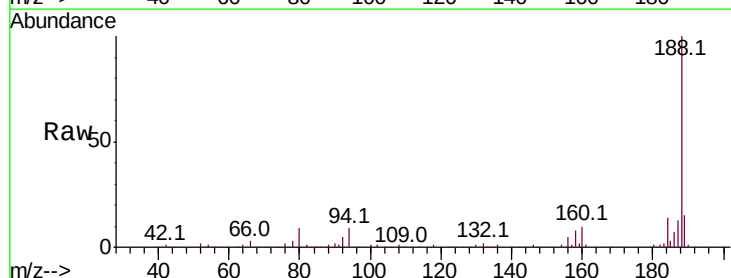
Ion 89.00 (88.70 to 89.70): BF1

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: BF110618.D
 Acq: 9 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.7	7.9	11.9

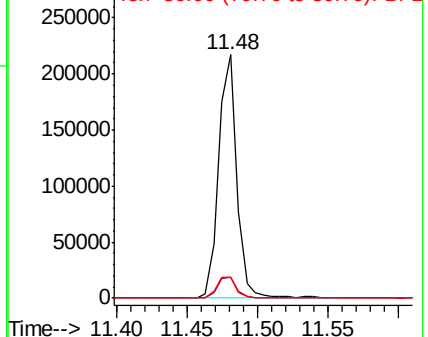
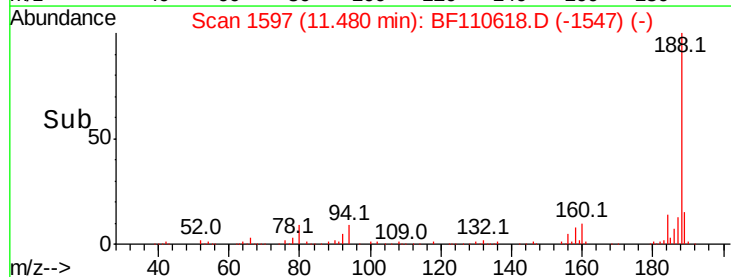


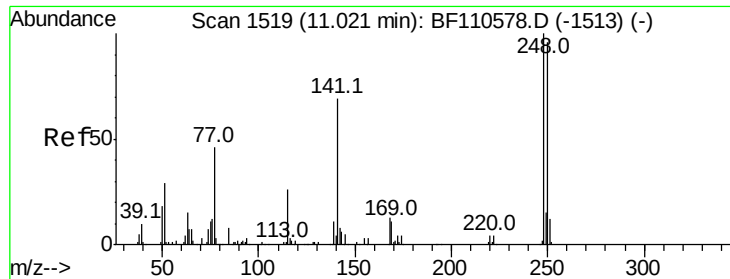
Abundance

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

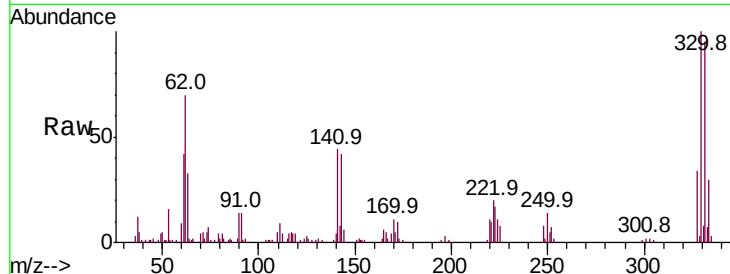




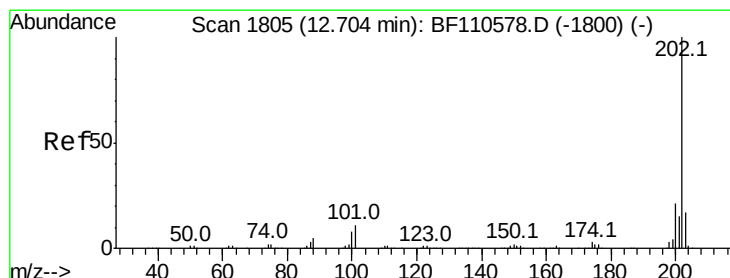
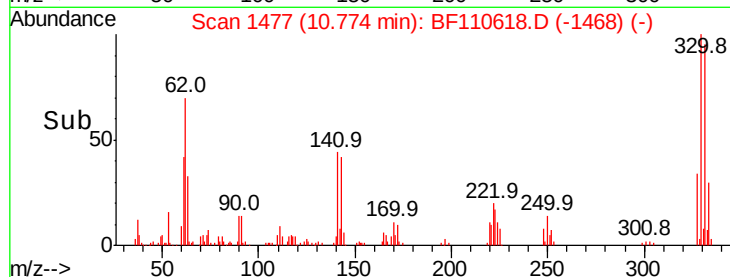
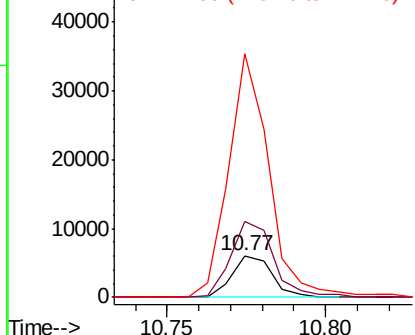
#67
 4-Bromophenyl-phenylether
 Concen: 2.479 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5323
 Ion Ratio Lower Upper
 248 100
 250 180.7 79.4 119.2#
 141 581.2 55.9 83.9#

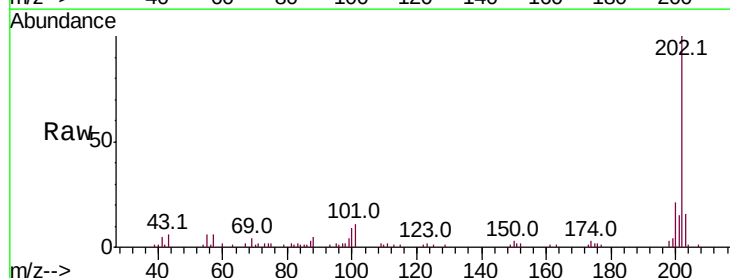


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

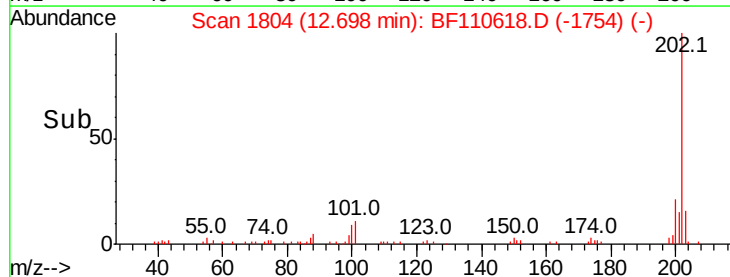
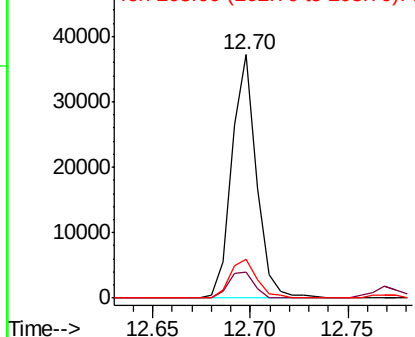


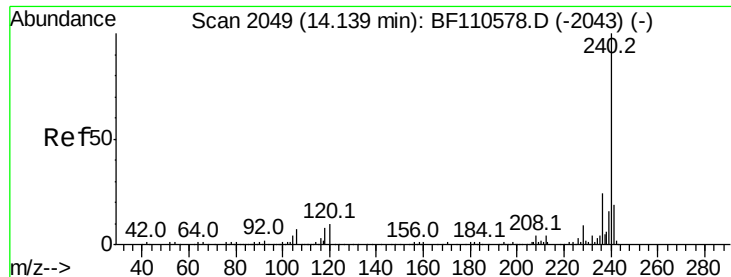
#75
 Fluoranthene
 Concen: 3.114 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

Tgt Ion:202 Resp: 32495
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.4
 203 16.1 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110618.D

Acq: 9 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

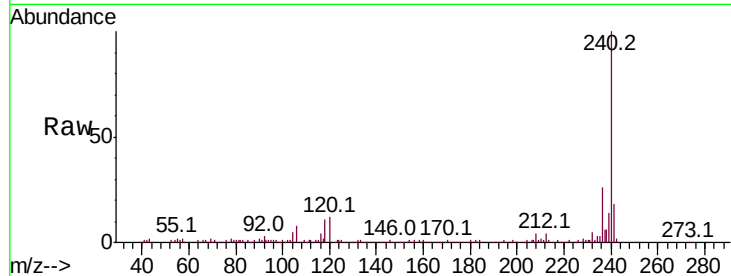
Tot Ion:240 Resp: 162527

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

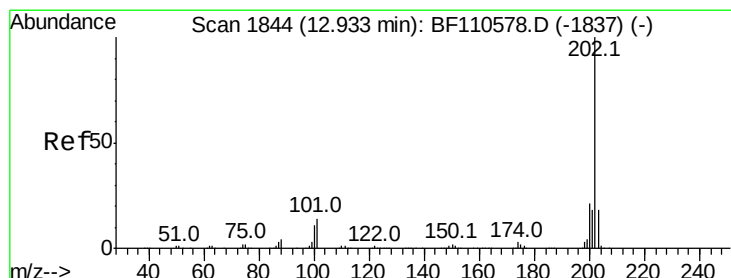
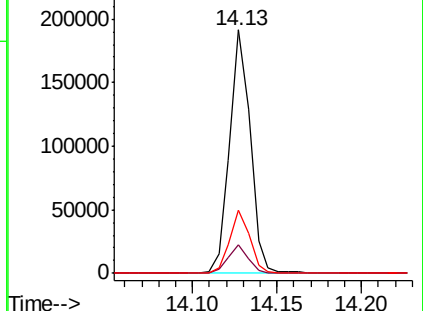
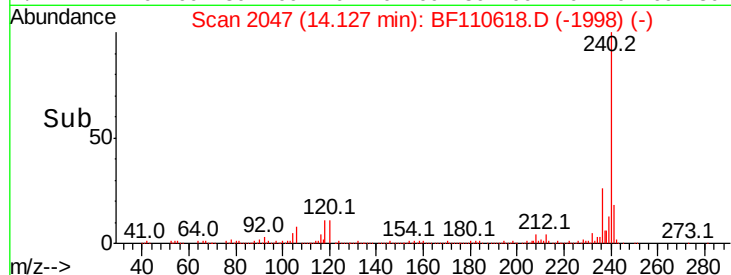
236 26.0 21.2 31.8



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



#78

Pyrene

Concen: 2.139 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110618.D

Acq: 9 Nov 2018 10:58

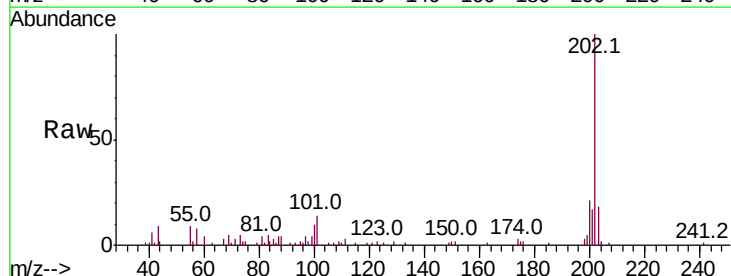
Tgt Ion:202 Resp: 26763

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

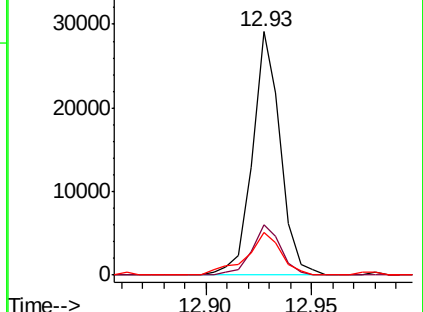
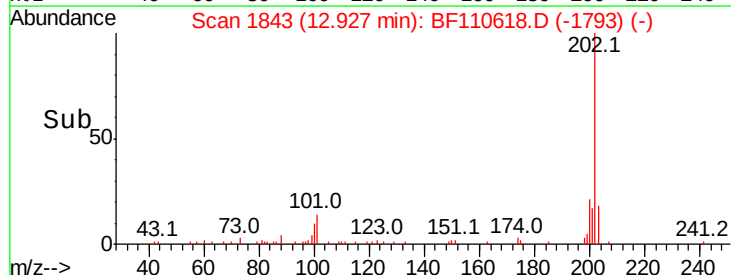
203 17.7 14.2 21.4

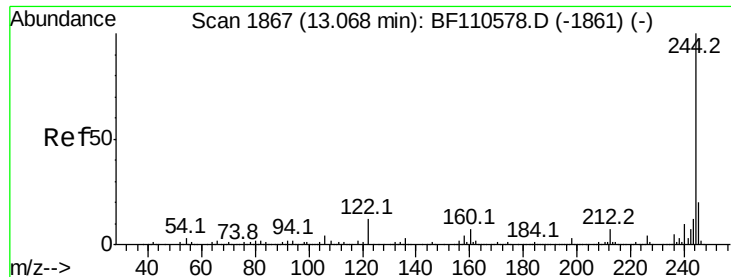


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

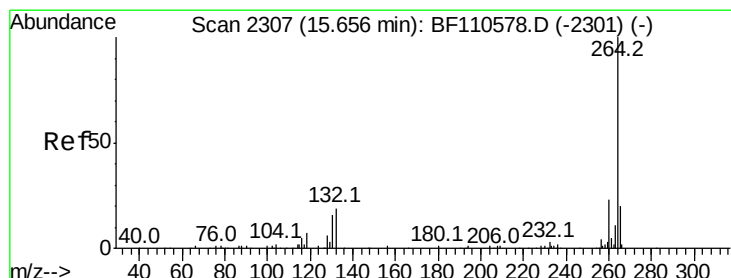
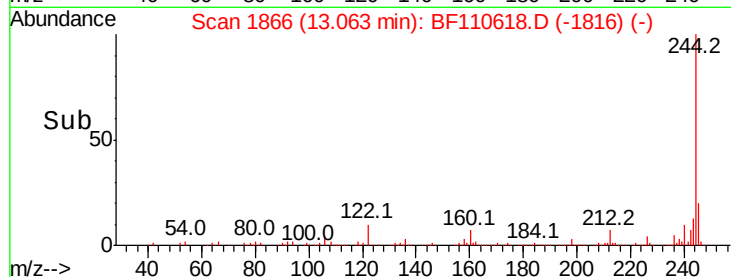
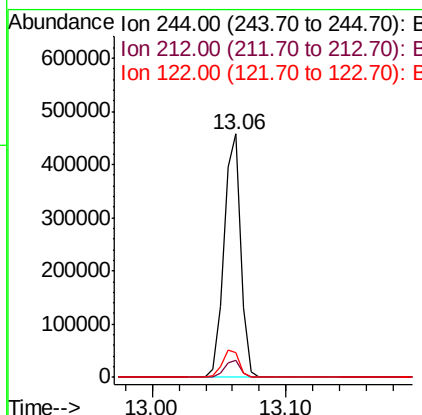
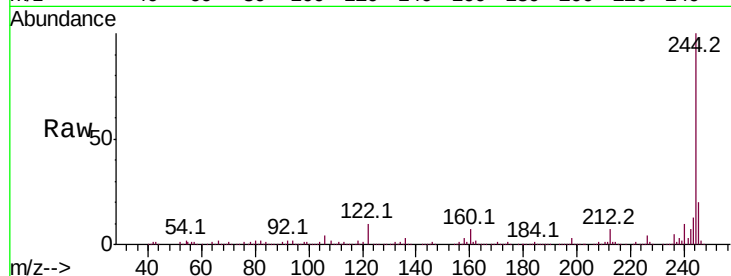




#79
 Terphenyl-d14
 Concen: 46.672 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

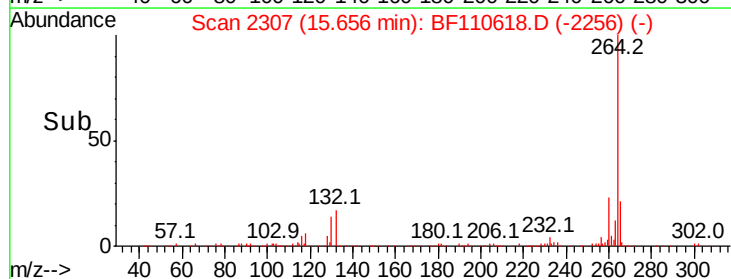
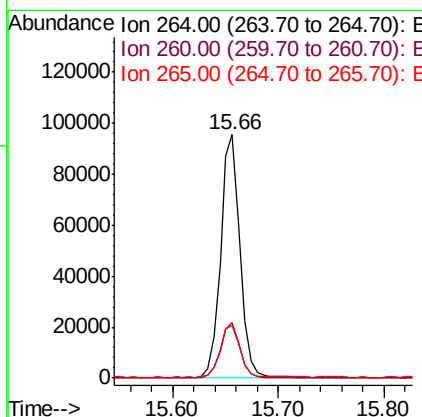
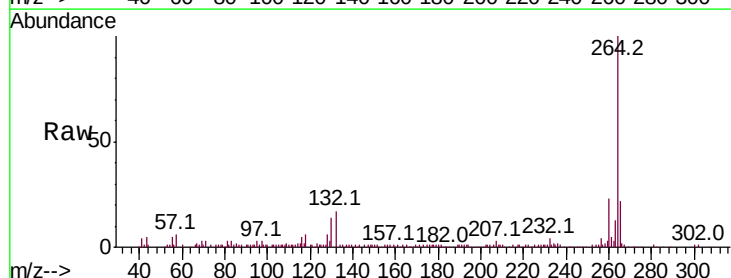
Instrument :
 BNA_F
 ClientSampleId :

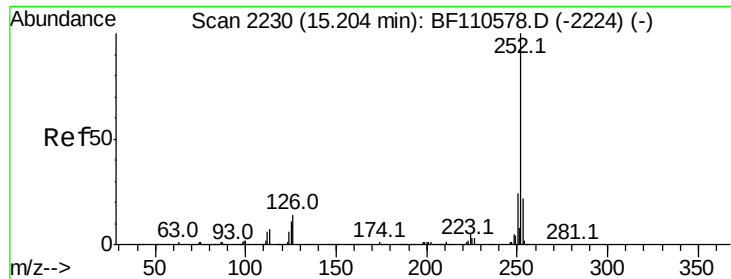
Tot Ion:244 Resp: 405041
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110618.D
 Acq: 9 Nov 2018 10:58

Tgt Ion:264 Resp: 122264
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 21.6 16.7 25.1

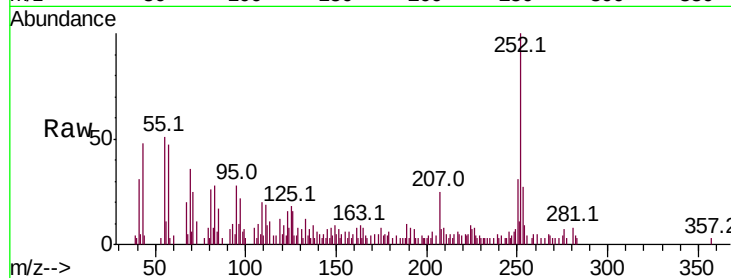




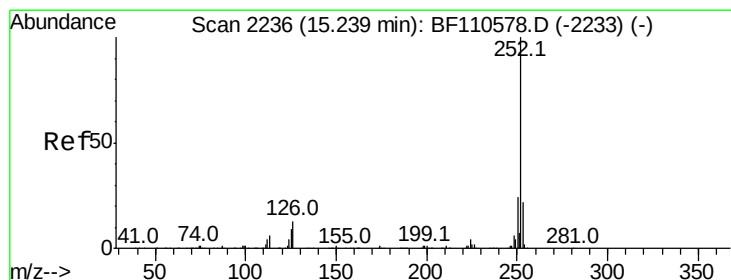
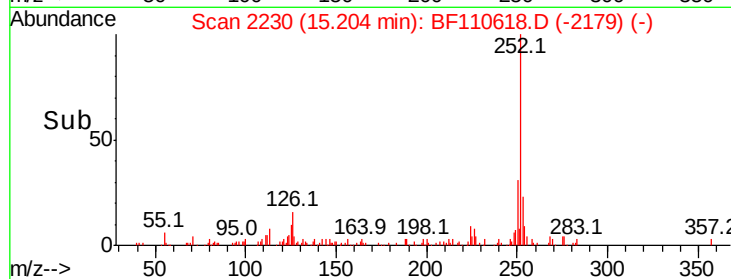
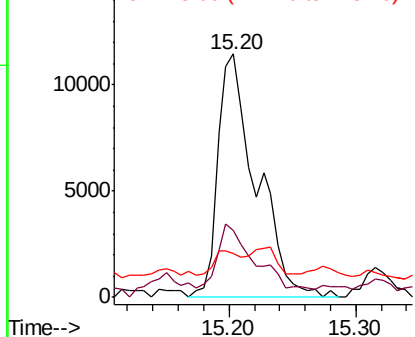
#88
Benzo(b)fluoranthene
Concen: 3.323 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 24304
Ion Ratio Lower Upper
252 100
253 27.3 17.2 25.8#
125 18.3 8.2 12.4#

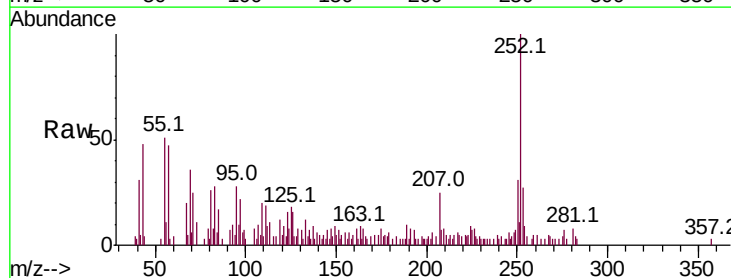


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.363 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110618.D
Acq: 9 Nov 2018 10:58

Tgt Ion:252 Resp: 24304
Ion Ratio Lower Upper
252 100
253 27.3 17.2 25.8#
125 18.3 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

