

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110730.D
 Acq On : 13 Nov 2018 20:21
 Operator : JU/SJ
 Sample : J5910-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-4-S

Quant Time: Nov 14 04:30:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

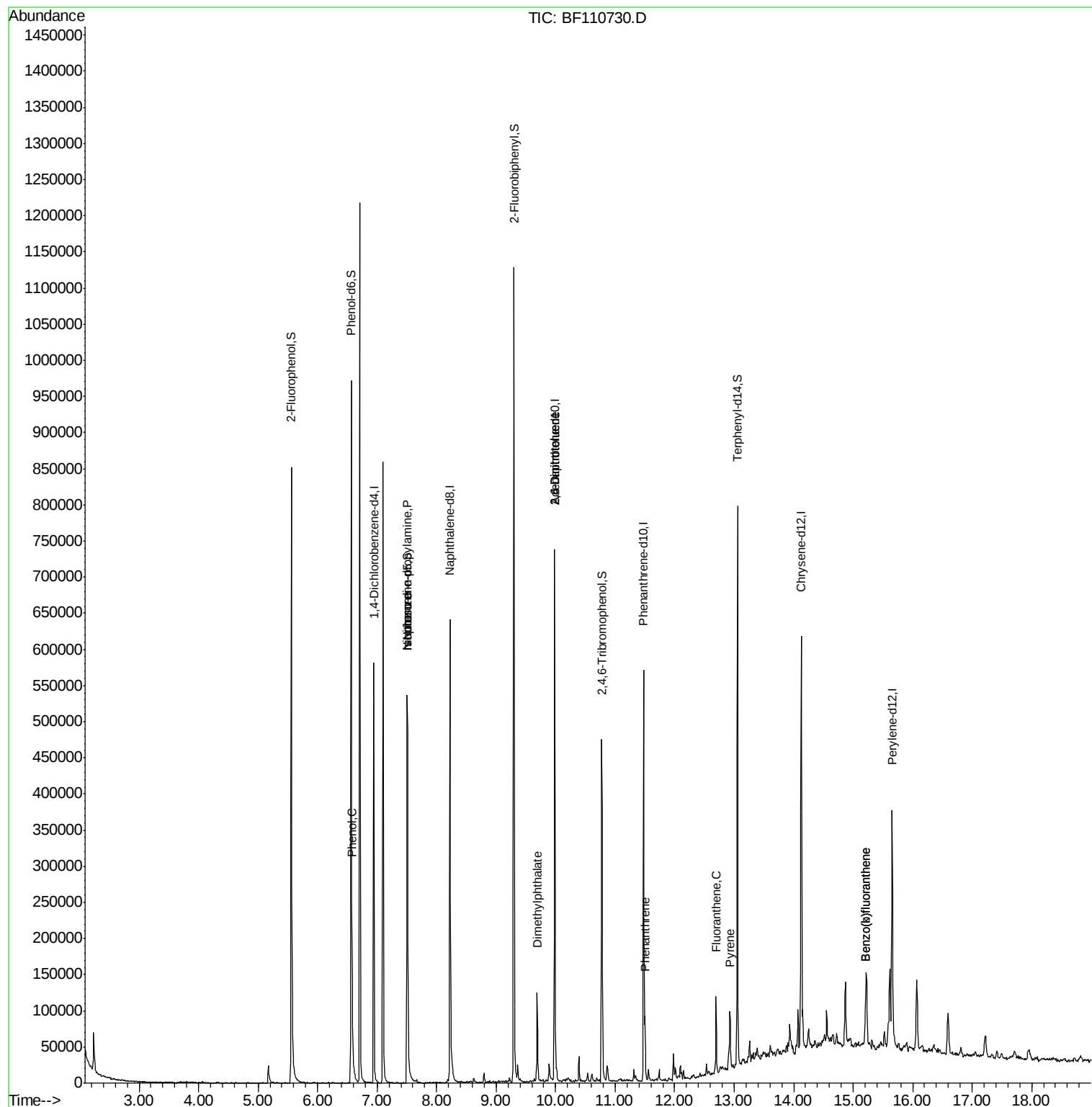
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	91824	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	376950	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	154028	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	228490	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186930	20.00	ng	-0.01
87) Perylene-d12	15.66	264	158322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	269942	47.75	ng	0.00
7) Phenol-d6	6.56	99	340266	47.07	ng	-0.01
23) Nitrobenzene-d5	7.50	82	209484	32.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	59132	38.10	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	373229	34.61	ng	0.00
79) Terphenyl-d14	13.06	244	239067	23.95	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	17510	2.089	ng	# 76
19) n-Nitroso-di-n-propylamine	7.50	70	27351	5.927	ng	# 83
25) Isophorone	7.50	82	209483	19.527	ng	# 67
50) Dimethylphthalate	9.69	163	54359	4.730	ng	99
51) 2,6-Dinitrotoluene	9.99	165	18937	7.490	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18937	5.761	ng	# 18
71) Phenanthrene	11.50	178	34179	2.792	ng	99
75) Fluoranthene	12.70	202	41079	3.347	ng	98
78) Pyrene	12.93	202	34537	2.400	ng	98
88) Benzo(b)fluoranthene	15.20	252	30247	3.194	ng	# 92
89) Benzo(k)fluoranthene	15.20	252	30247	3.232	ng	# 91

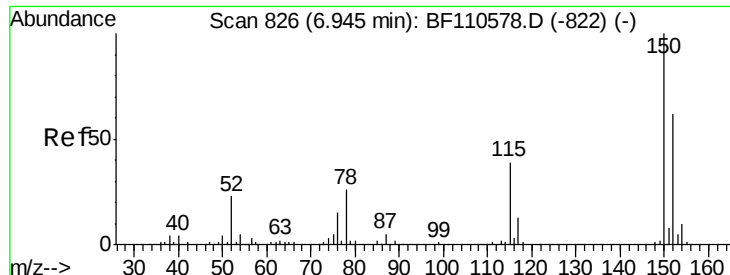
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110730.D
Acq On : 13 Nov 2018 20:21
Operator : JU/SJ
Sample : J5910-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-4-S

Quant Time: Nov 14 04:30:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

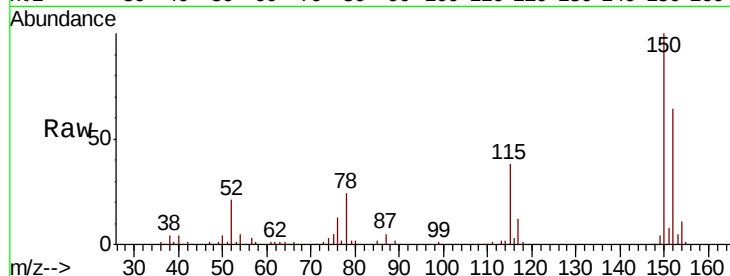




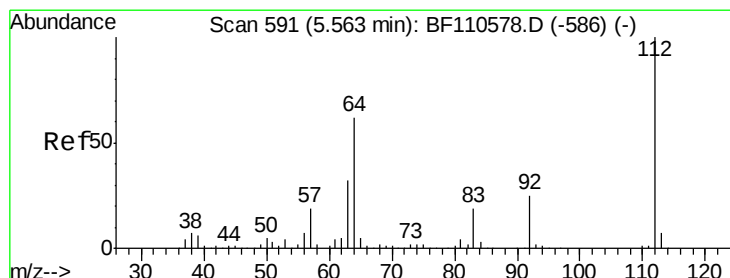
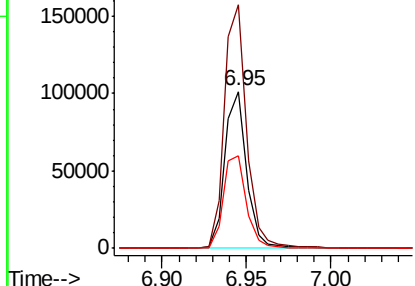
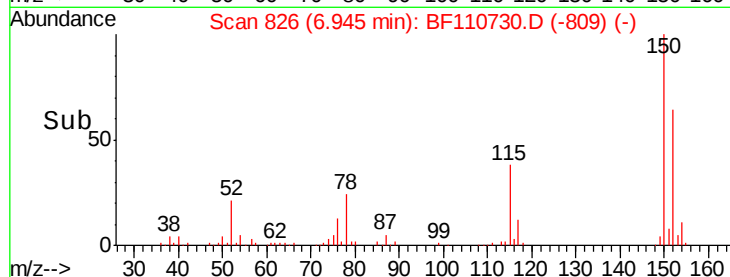
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 W-4-S

Tgt Ion:152 Resp: 91824
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 58.9 49.1 73.7

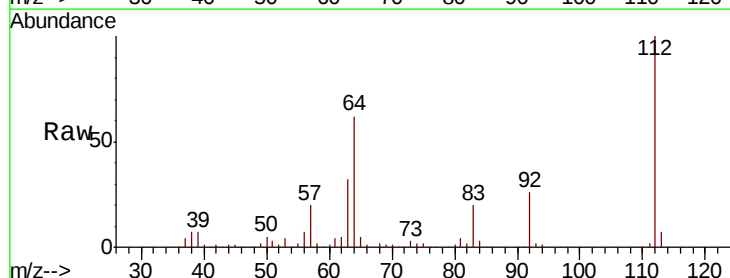


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

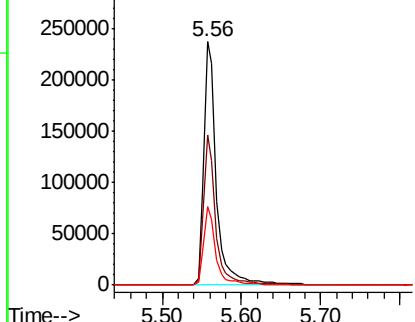
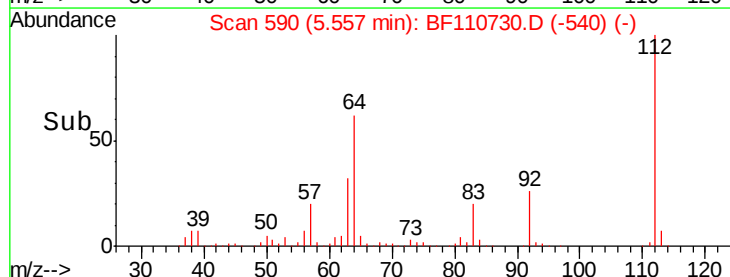


#5
 2-Fluorophenol
 Concen: 47.751 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Tgt Ion:112 Resp: 269942
 Ion Ratio Lower Upper
 112 100
 64 61.7 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: 47.070 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

ClientSampled :

W-4-S

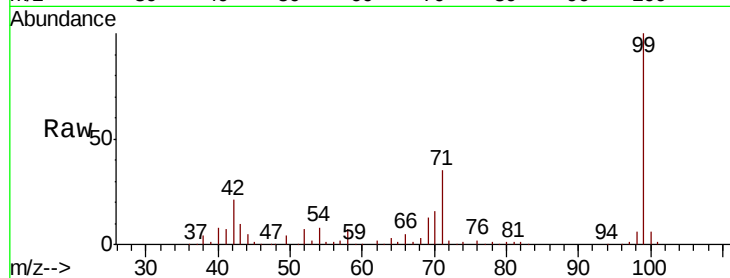
Tgt Ion: 99 Resp: 340266

Ion Ratio Lower Upper

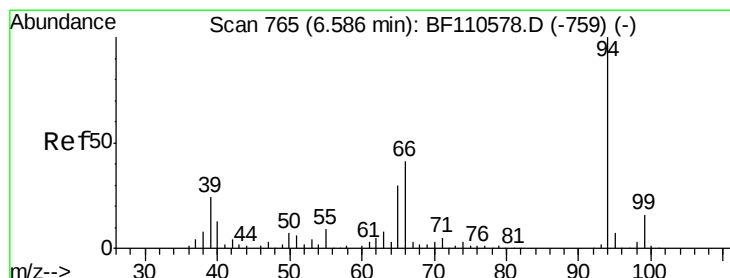
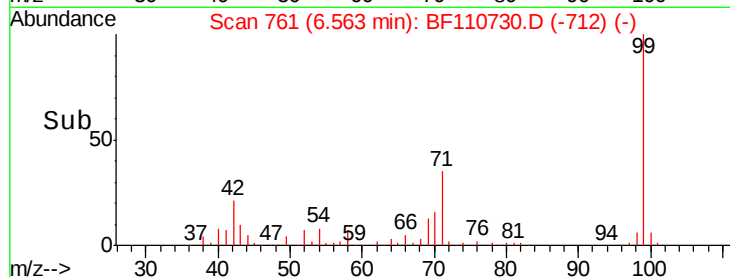
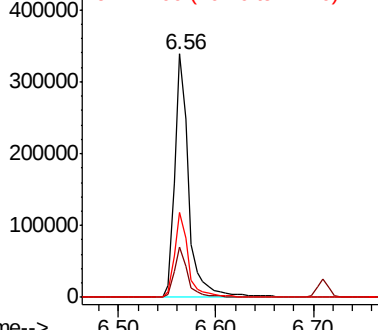
99 100

42 20.5 15.8 23.6

71 35.0 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: 2.089 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

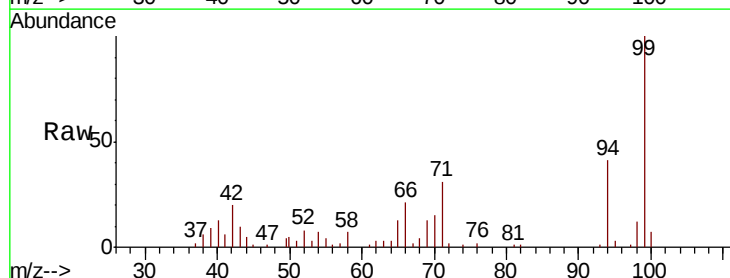
Tgt Ion: 94 Resp: 17510

Ion Ratio Lower Upper

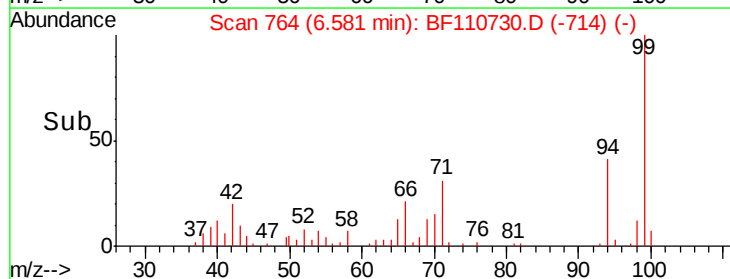
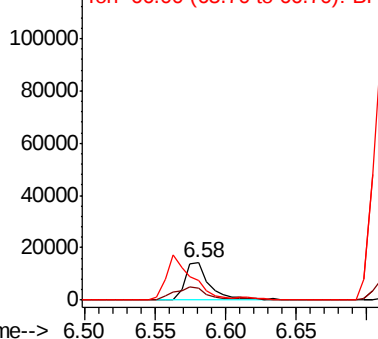
94 100

65 32.6 25.3 65.3

66 51.3 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

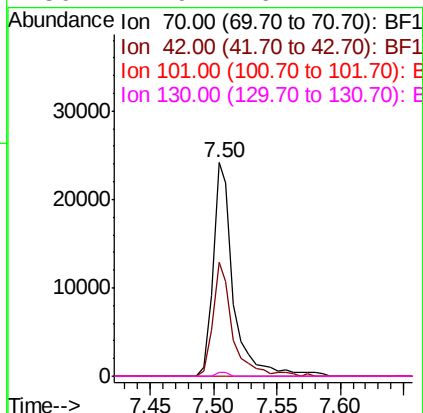
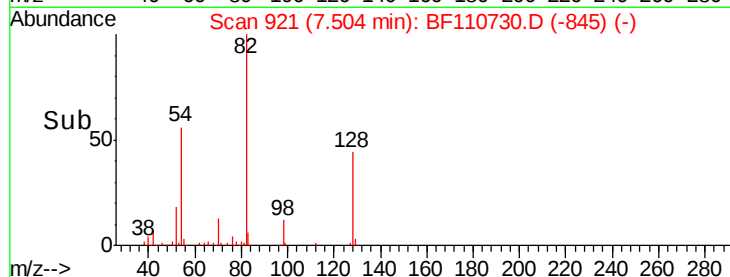
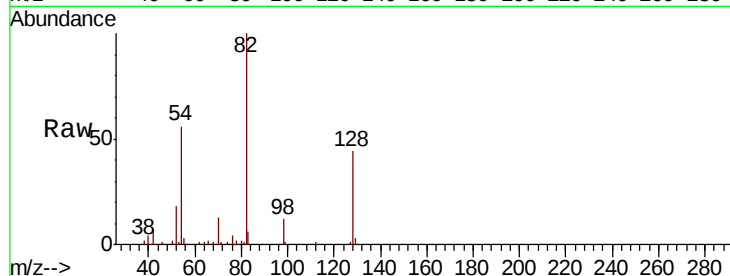




#19
n-Nitroso-di-n-propylamine
Concen: 5.927 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

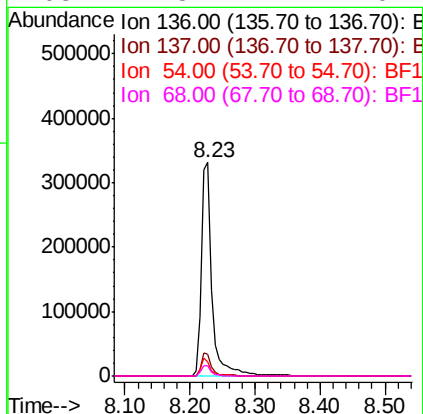
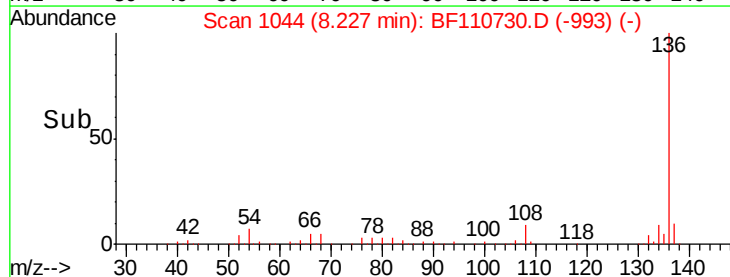
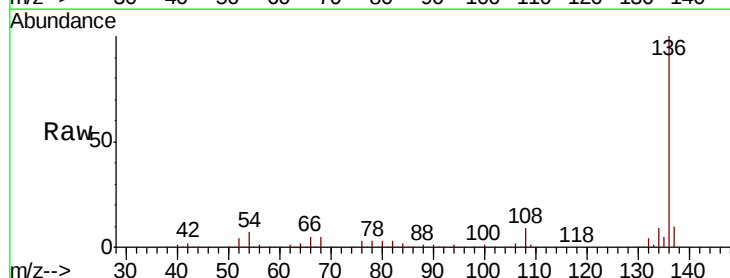
Instrument :
BNA_F
ClientSampleId :
W-4-S

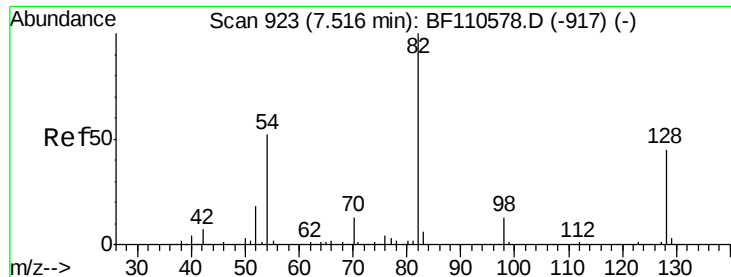
Tgt Ion: 70 Resp: 27351
Ion Ratio Lower Upper
70 100
42 53.2 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion: 136 Resp: 376950
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.9 5.4 8.2
68 4.8 4.2 6.2

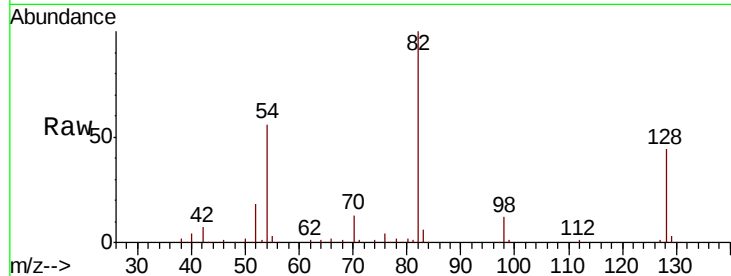




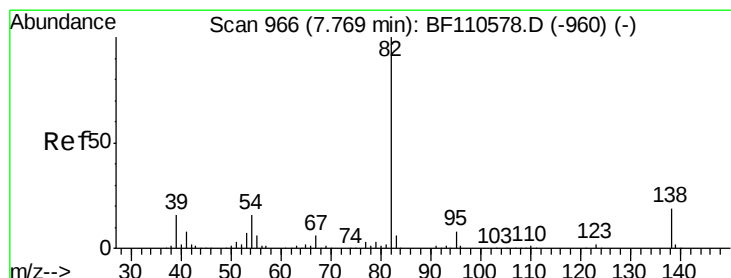
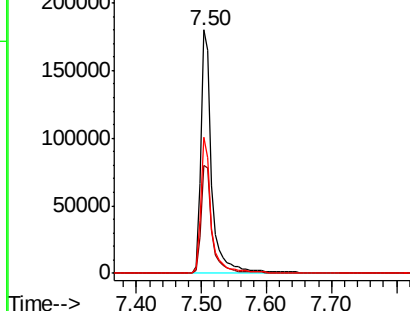
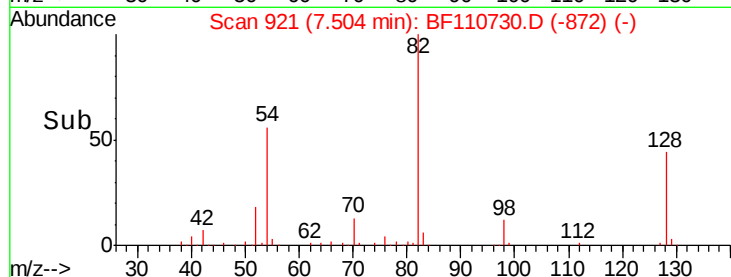
#23
 Nitrobenzene-d5
 Concen: 32.004 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Instrument :
 BNA_F
 ClientSampled :
 W-4-S

Tgt Ion: 82 Resp: 209484
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.2 51.2
 54 56.0 38.6 58.0

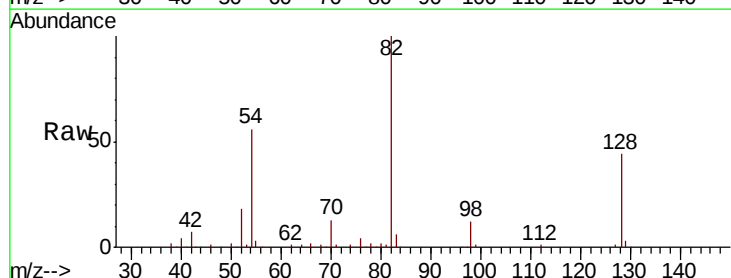


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

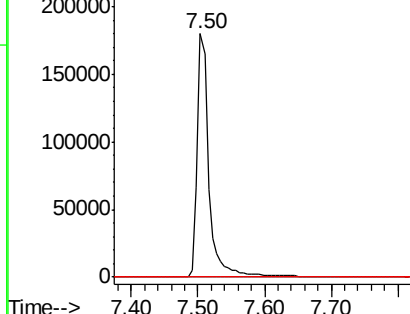
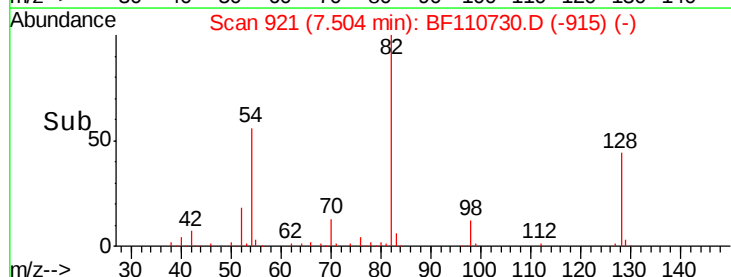


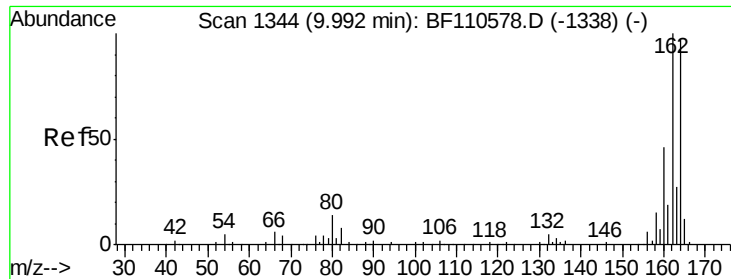
#25
 Isophorone
 Concen: 19.527 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Tgt Ion: 82 Resp: 209483
 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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

ClientSampleId :

W-4-S

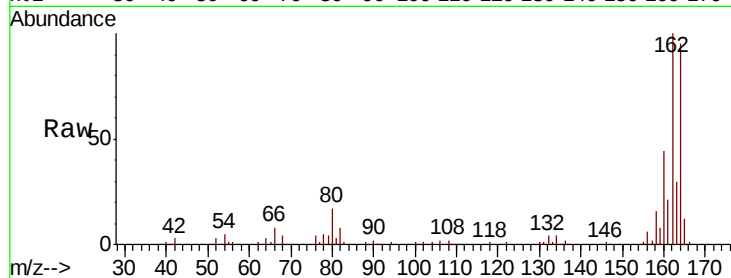
Tgt Ion:164 Resp: 154028

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

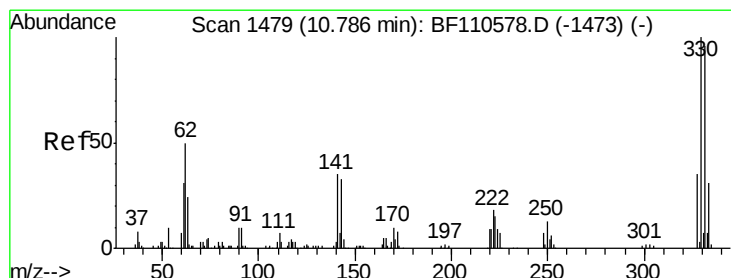
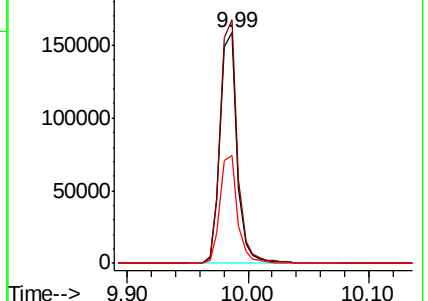
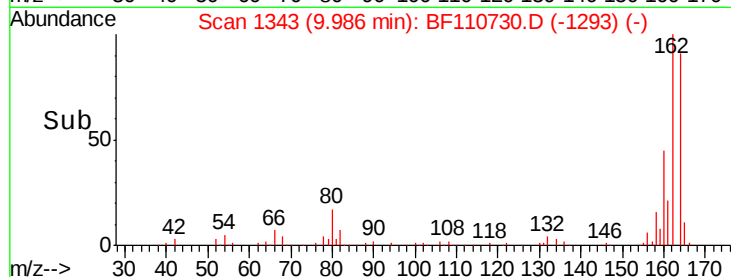
160 47.0 37.0 55.6



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: 38.100 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

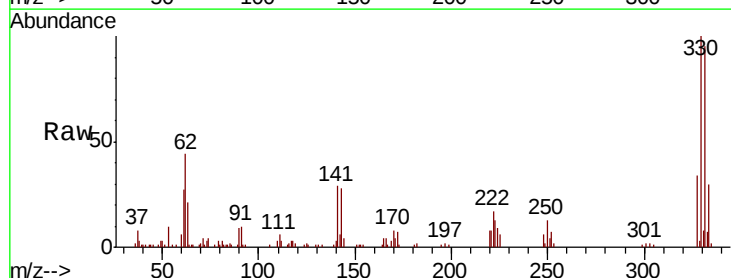
Tgt Ion:330 Resp: 59132

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

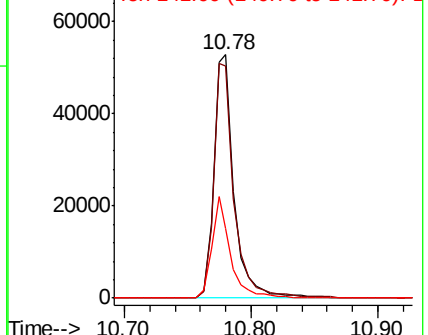
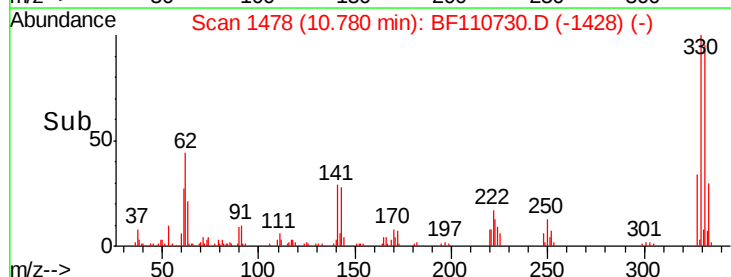
141 38.0 27.0 40.4

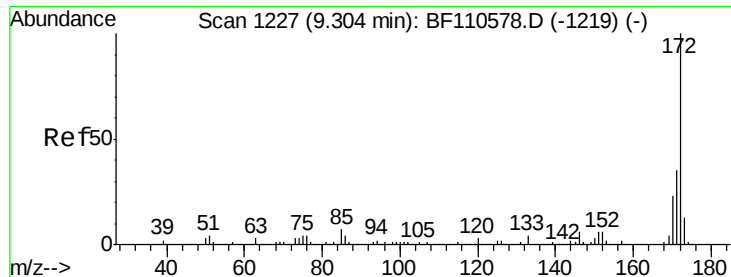


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

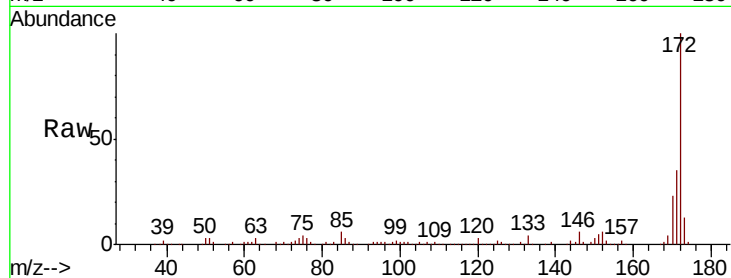




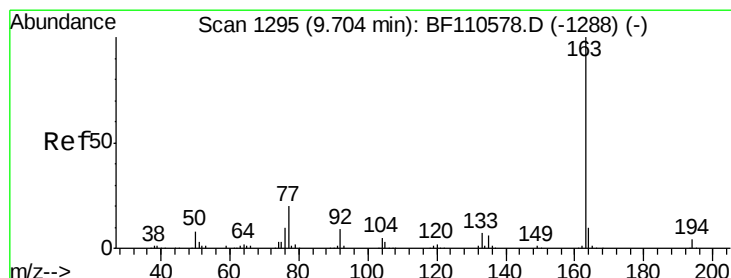
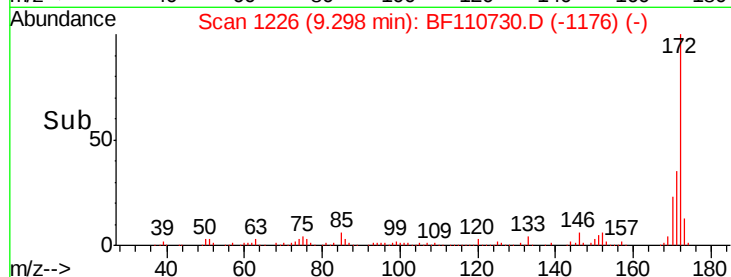
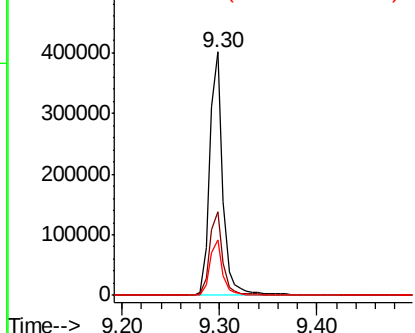
#45
2-Fluorobiphenyl
Concen: 34.607 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Instrument :
BNA_F
ClientSampled :
W-4-S

Tgt Ion:172 Resp: 373229
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.0 19.7 29.5

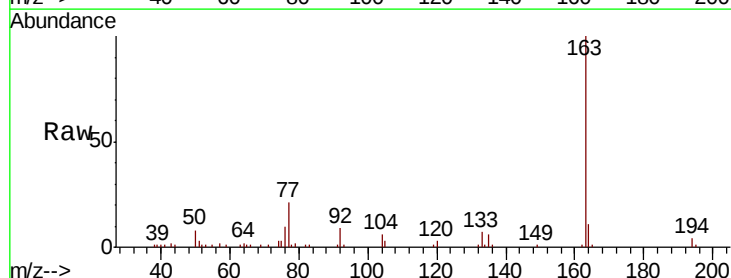


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

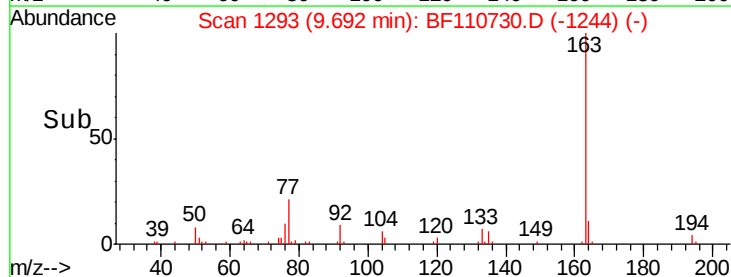
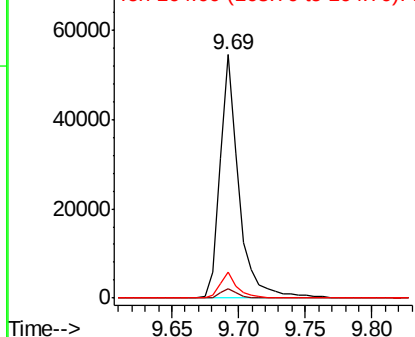


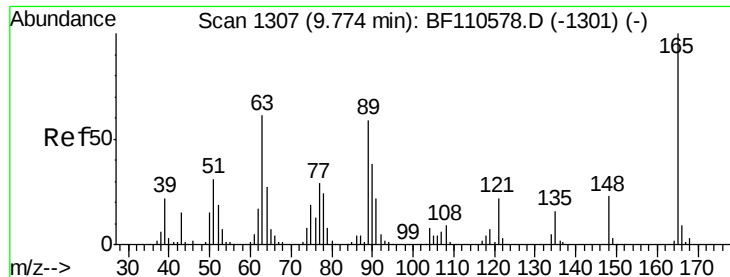
#50
Dimethylphthalate
Concen: 4.730 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion:163 Resp: 54359
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 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

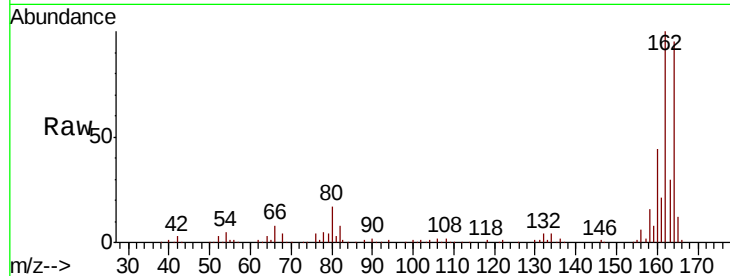




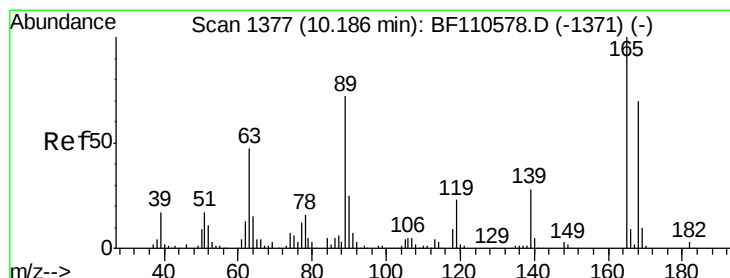
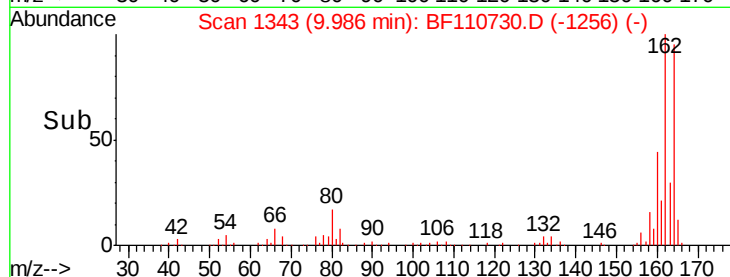
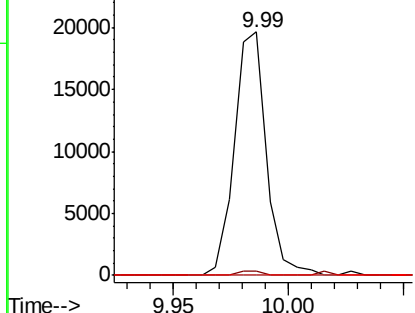
#51
 2,6-Dinitrotoluene
 Concen: 7.490 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Instrument :
 BNA_F
 ClientSampled :
 W-4-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	0.0	46.6	69.8#

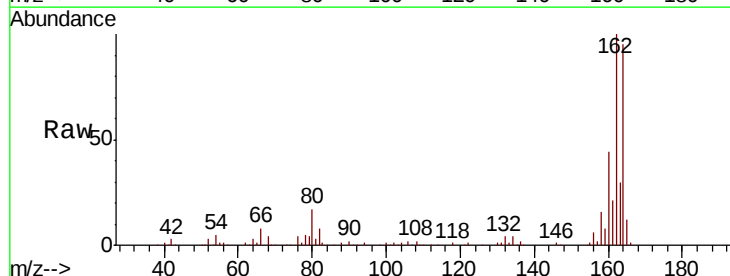


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

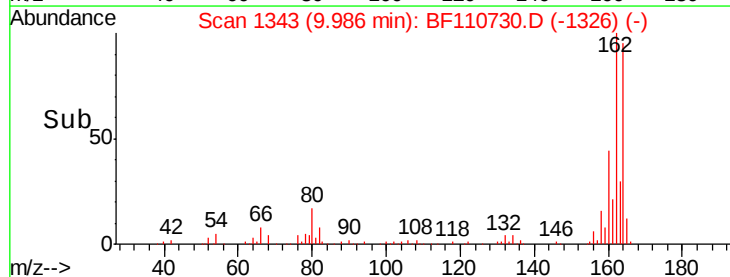
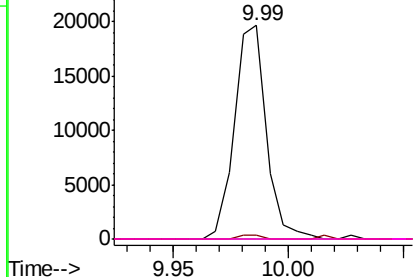


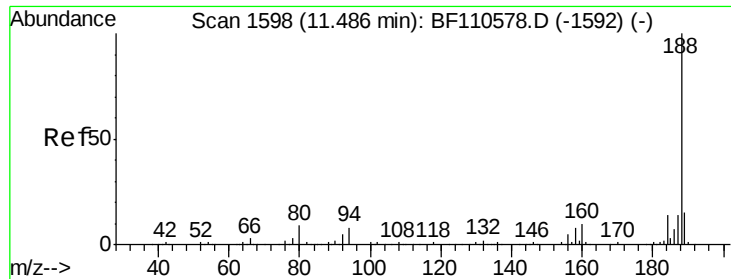
#57
 2,4-Dinitrotoluene
 Concen: 5.761 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	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

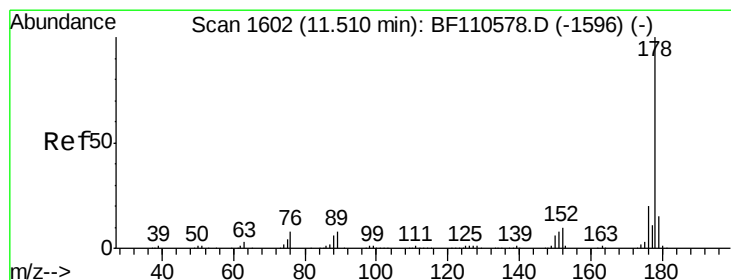
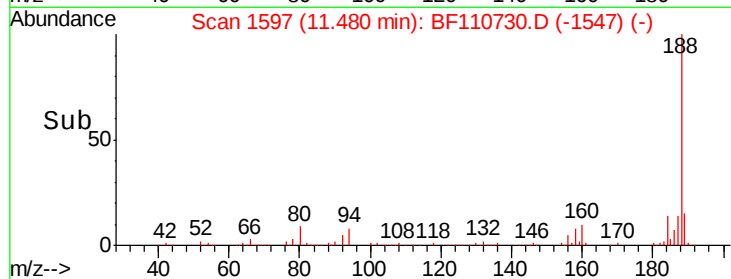
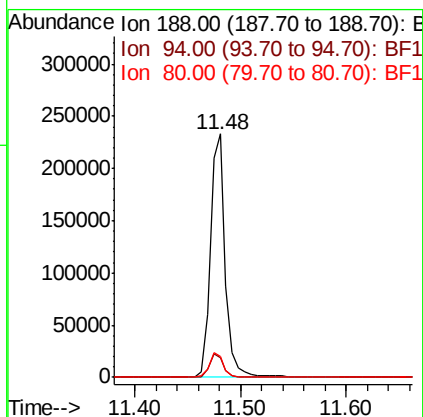
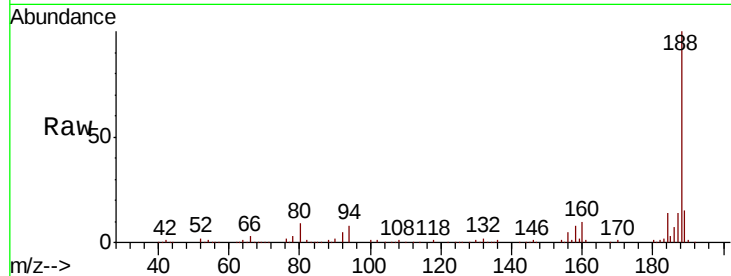




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

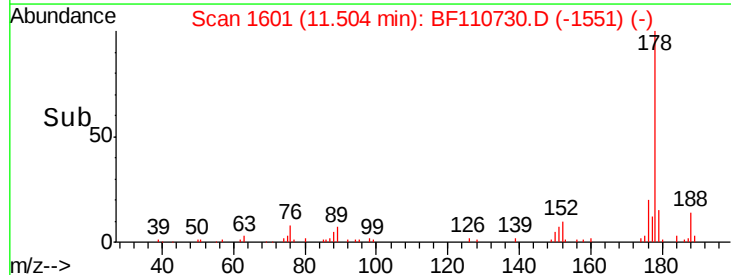
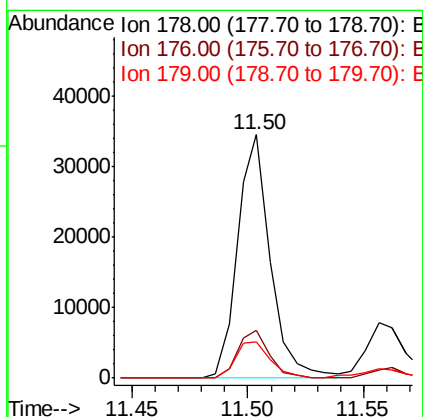
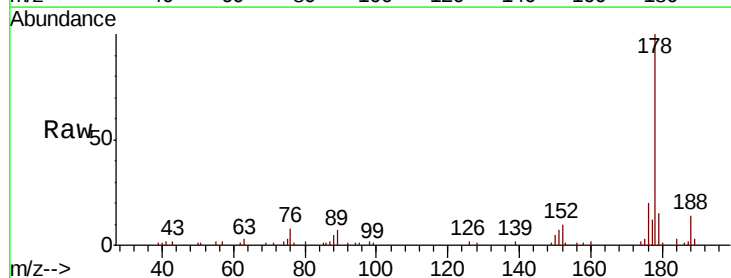
Instrument :
BNA_F
ClientSampleId :
W-4-S

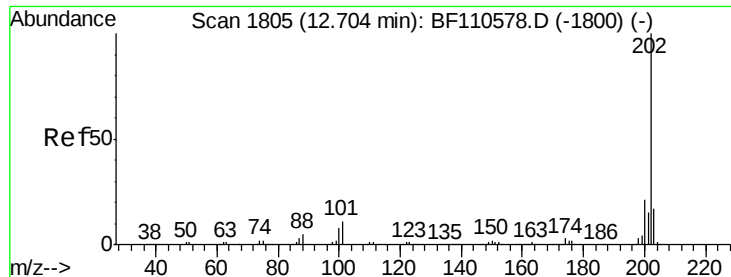
Tgt Ion:188 Resp: 228490
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.8 7.9 11.9



#71
Phenanthrene
Concen: 2.792 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion:178 Resp: 34179
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.0 12.5 18.7





#75

Fluoranthene

Concen: 3.347 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

ClientSampleId :

W-4-S

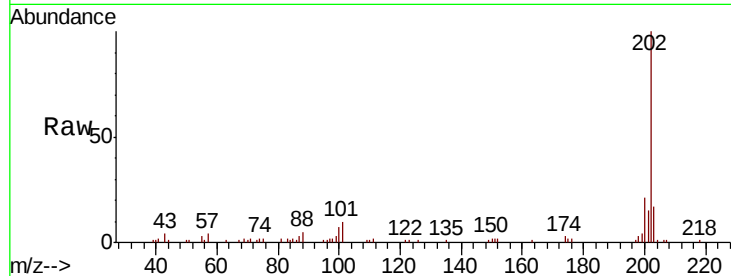
Tgt Ion:202 Resp: 41079

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.4

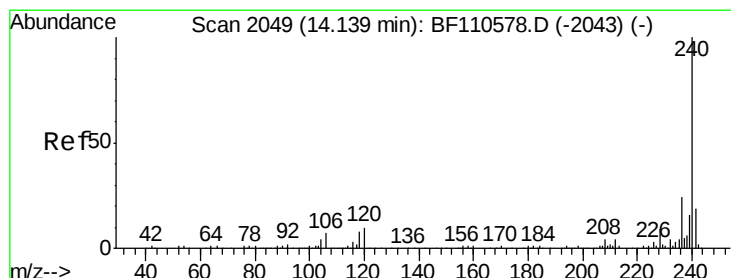
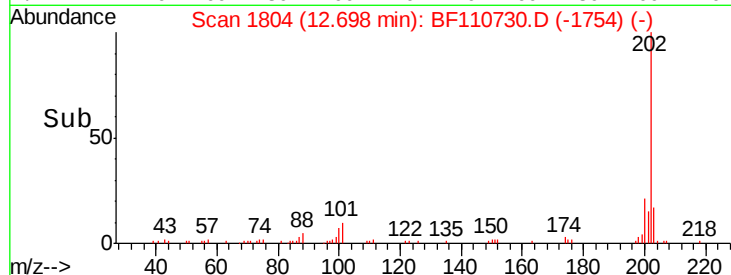
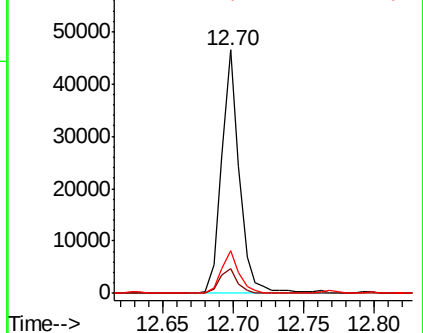
203 17.4 0.0 37.7



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: BF110730.D

Acq: 13 Nov 2018 20:21

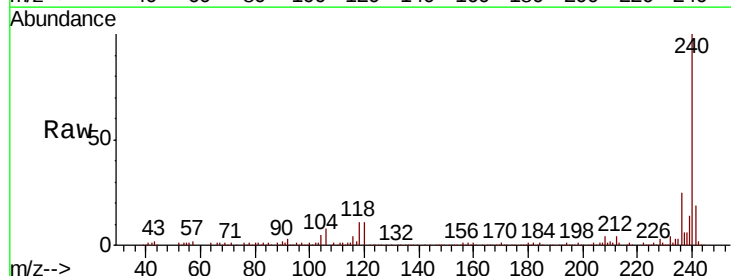
Tgt Ion:240 Resp: 186930

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

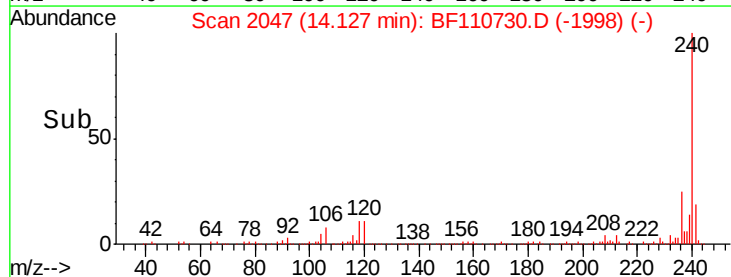
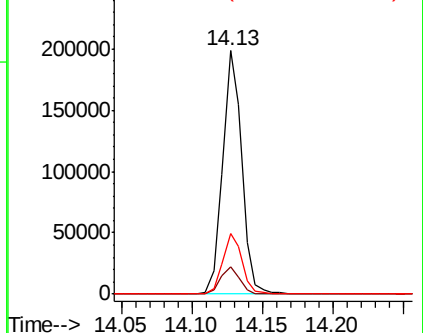
236 24.7 21.2 31.8

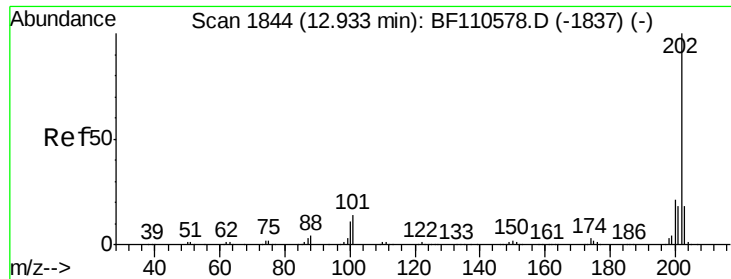


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

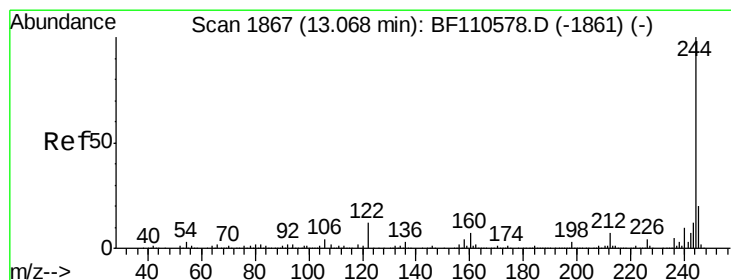
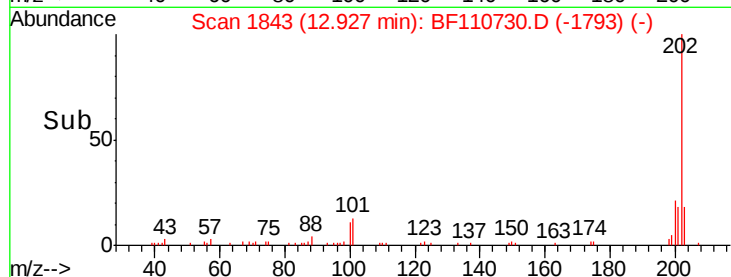
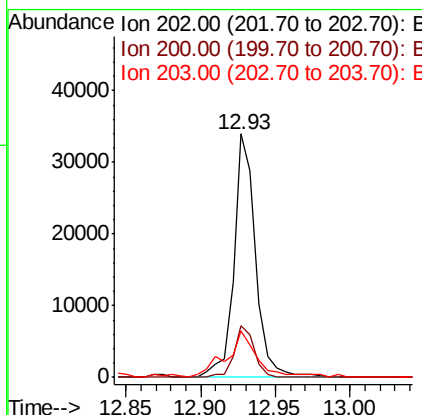
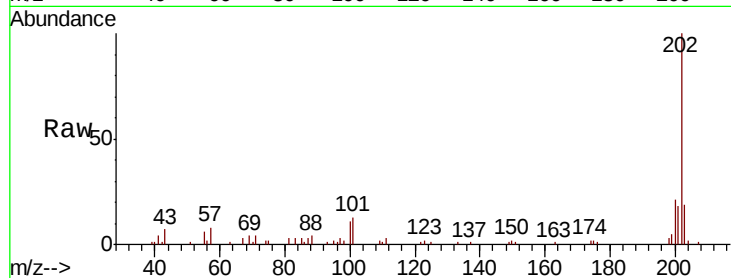




#78
 Pyrene
 Concen: 2.400 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

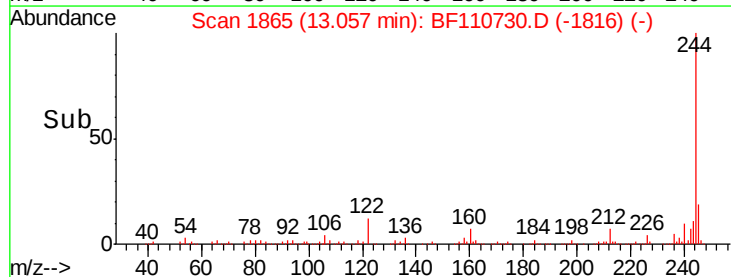
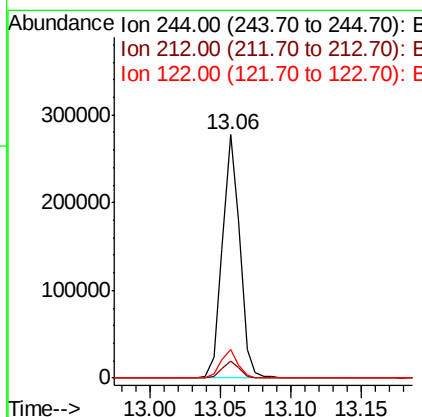
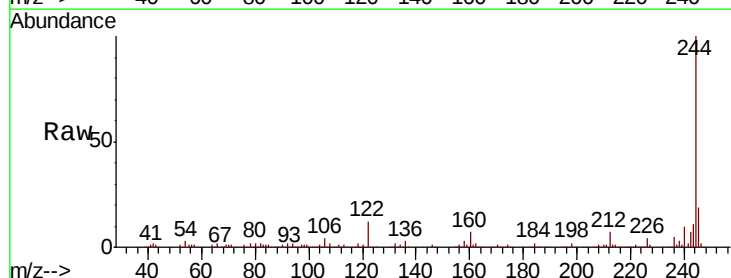
Instrument :
 BNA_F
 ClientSampleId :
 W-4-S

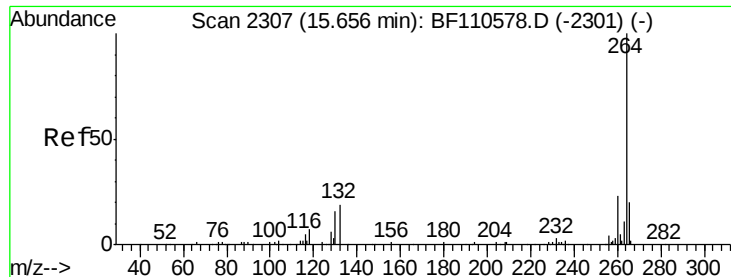
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.1	14.2	21.4



#79
 Terphenyl-d14
 Concen: 23.951 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110730.D
 Acq: 13 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.0	8.7	13.1

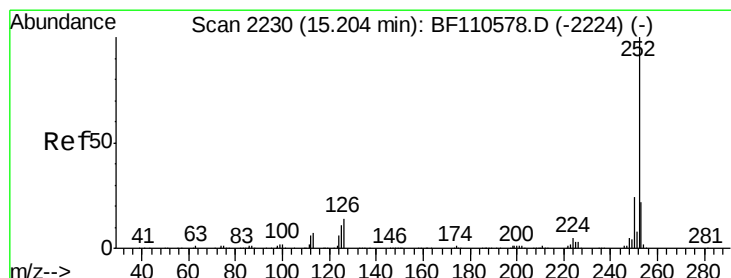
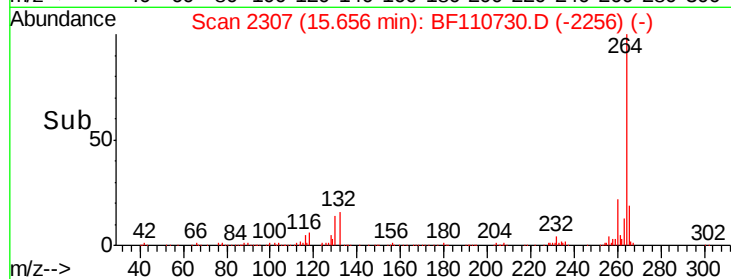
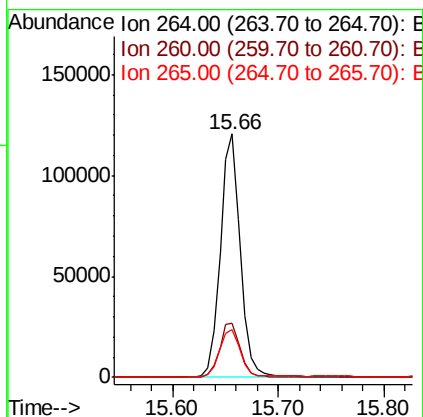
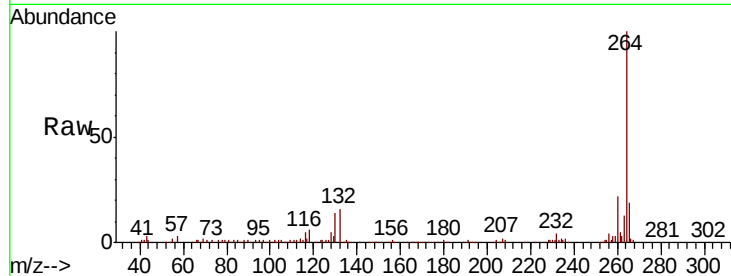




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

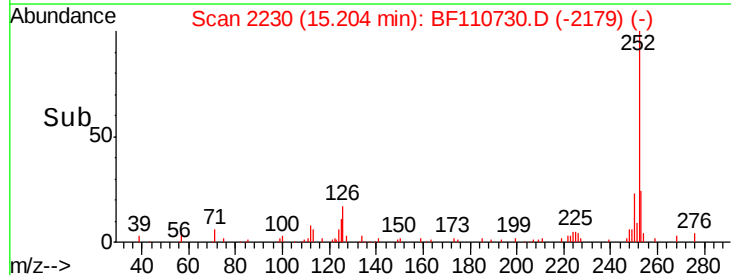
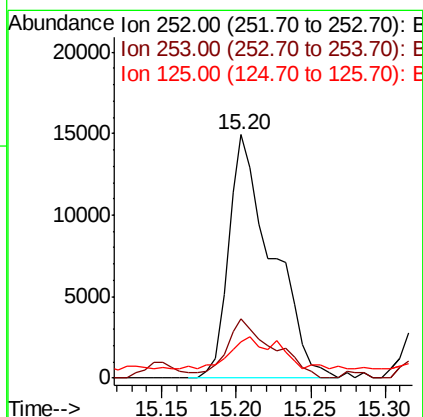
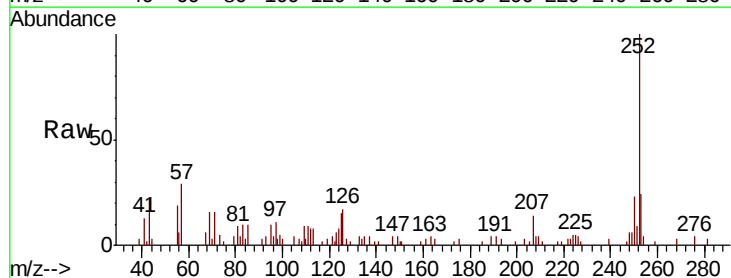
Instrument :
BNA_F
ClientSampleId :
W-4-S

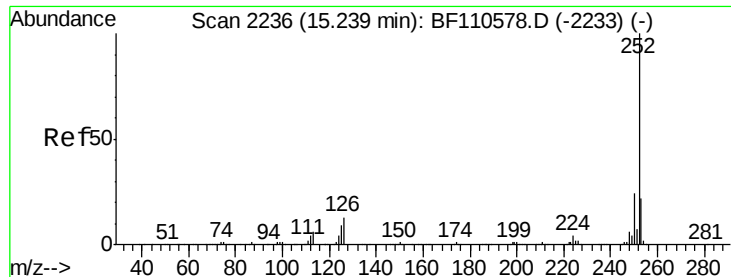
Tgt Ion:264 Resp: 158322
Ion Ratio Lower Upper
264 100
260 22.1 18.7 28.1
265 19.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 3.194 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110730.D
Acq: 13 Nov 2018 20:21

Tgt Ion:252 Resp: 30247
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 14.6 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 3.232 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.04 min

Lab File: BF110730.D

Acq: 13 Nov 2018 20:21

Instrument :

BNA_F

ClientSampleId :

W-4-S

Tgt Ion: 252 Resp: 30247

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

125 14.6 7.4 11.0#

