

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101150.D
 Acq On : 6 Dec 2017 3:47
 Operator : SJ/JU
 Sample : I6702-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 05:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52420	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208853	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	92902	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	163547	20.00	ng	0.00
75) Chrysene-d12	14.02	240	105842	20.00	ng	0.00
86) Perylene-d12	15.49	264	115559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	312421	98.48	ng	0.00
7) Phenol-d6	6.48	99	374729	97.30	ng	0.00
23) Nitrobenzene-d5	7.41	82	230250	65.76	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	96929	86.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	414665	61.07	ng	0.00
78) Terphenyl-d14	12.96	244	308329	63.72	ng	0.00

Target Compounds

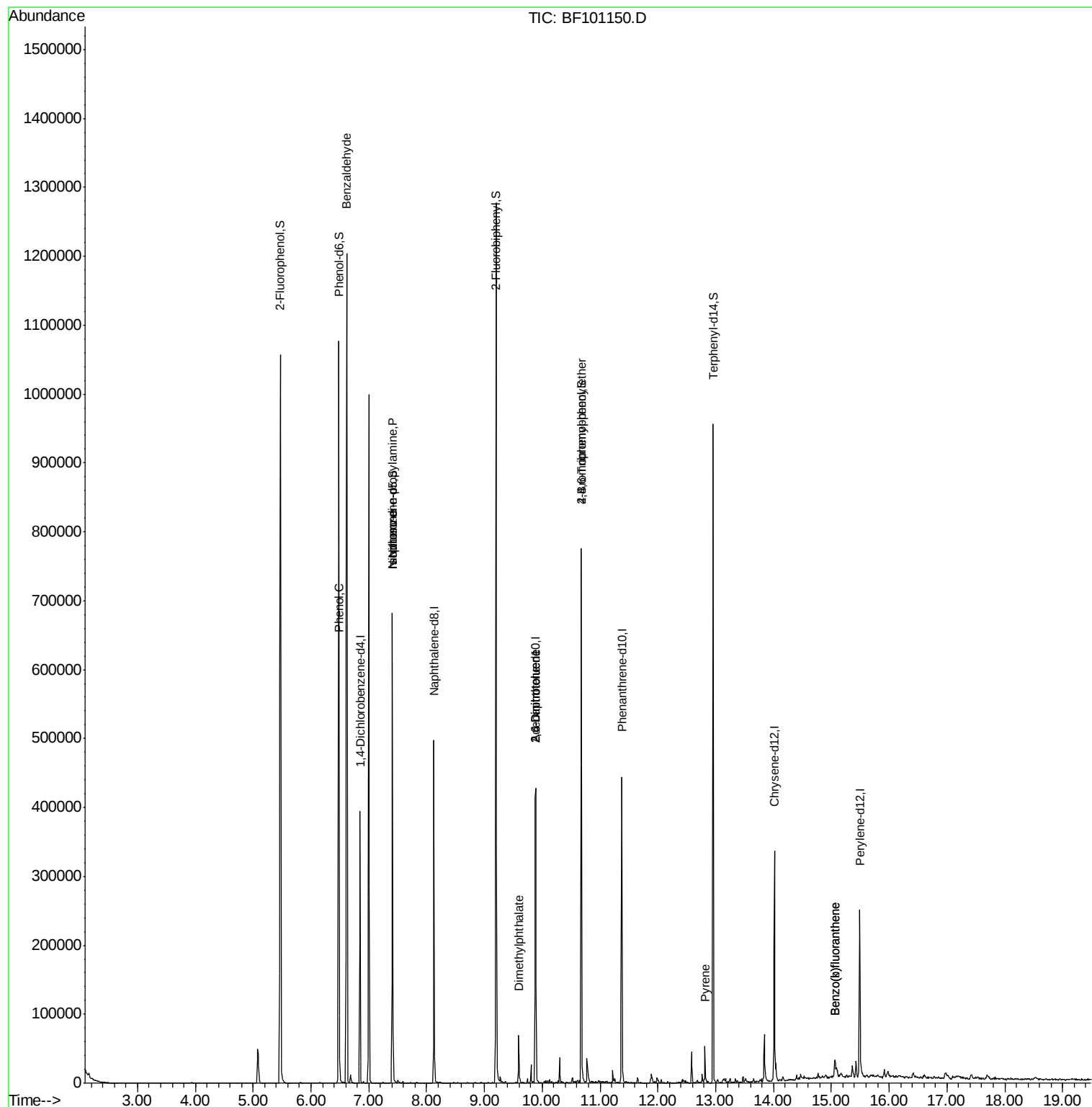
						Qvalue
9) Benzaldehyde	6.62	77	6861	2.911	ng	87
10) Phenol	6.49	94	12396	2.895	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	31001	11.952	ng	# 80
25) Isophorone	7.41	82	230248	38.501	ng	# 64
49) Dimethylphthalate	9.60	163	33602	4.485	ng	100
50) 2,6-Dinitrotoluene	9.88	165	11547	7.317	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11547	5.460	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5921	3.234	ng	# 1
77) Pyrene	12.82	202	20578	2.818	ng	98
87) Benzo(b)fluoranthene	15.06	252	20623	2.979	ng	# 94
88) Benzo(k)fluoranthene	15.06	252	20623	3.024	ng	94

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

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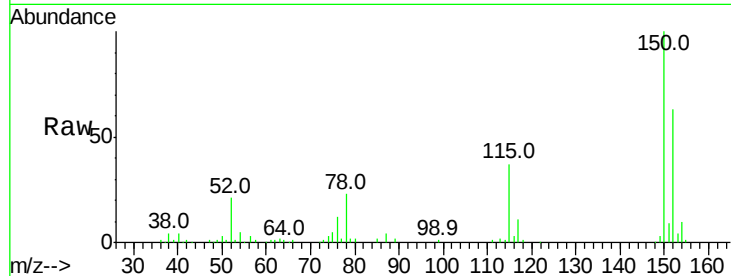


#1

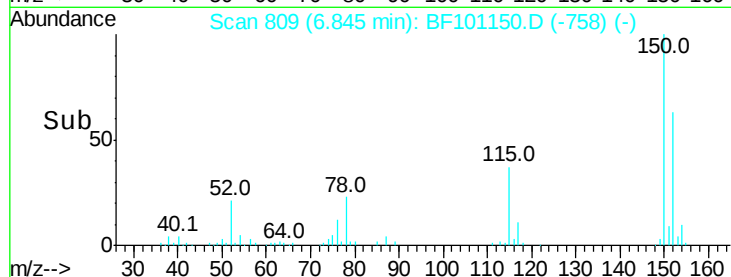
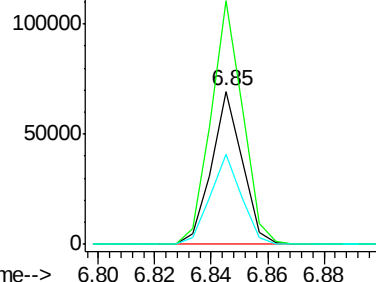
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 52420
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 58.8 50.1 75.1



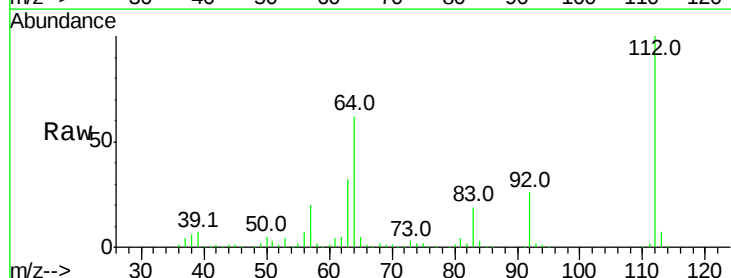
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



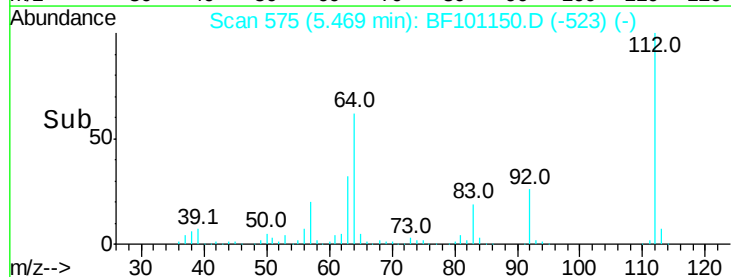
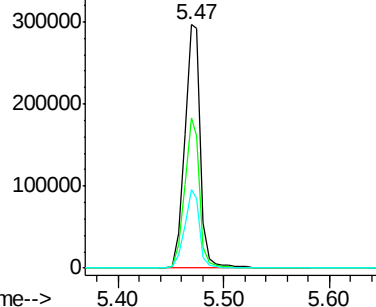
#5

2-Fluorophenol
Concen: 98.485 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion:112 Resp: 312421
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
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: 97.296 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

ClientSampled :

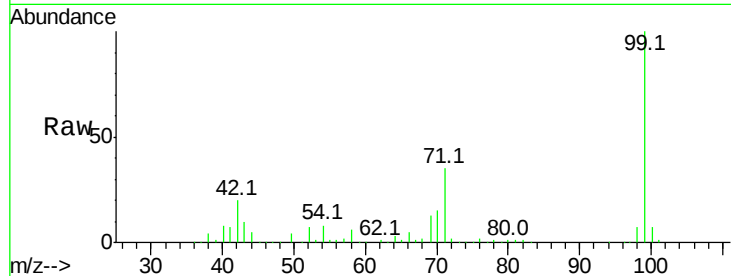
Tot Ion: 99 Resp: 374729

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

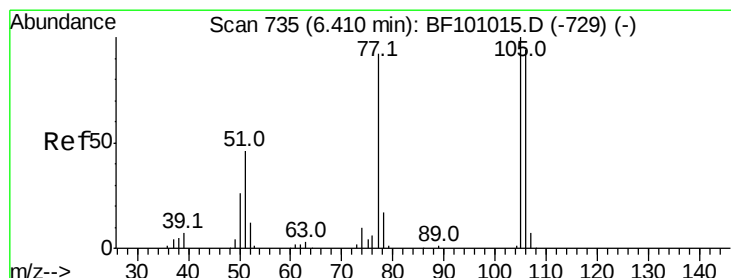
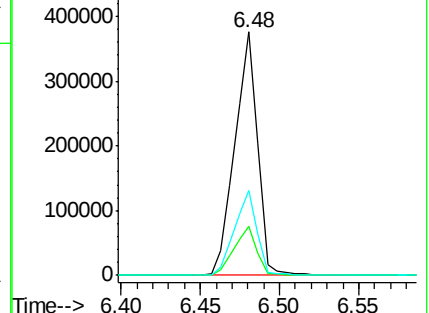
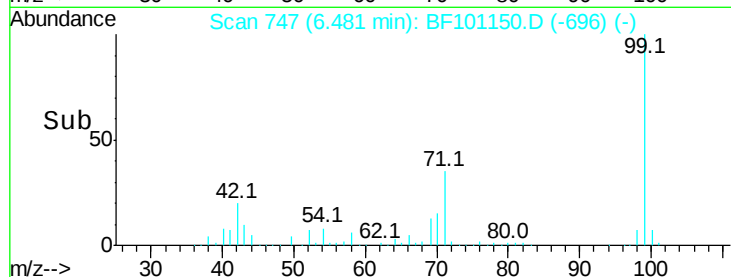
71 35.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.911 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

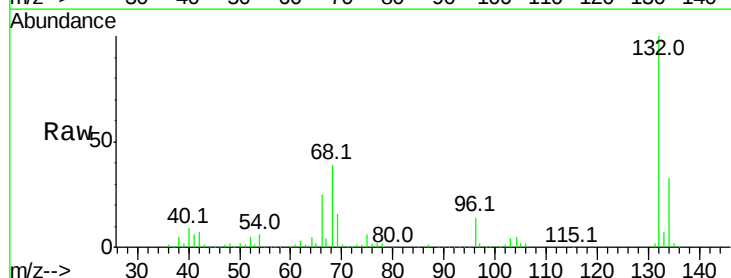
Tgt Ion: 77 Resp: 6861

Ion Ratio Lower Upper

77 100

105 90.3 81.1 121.1

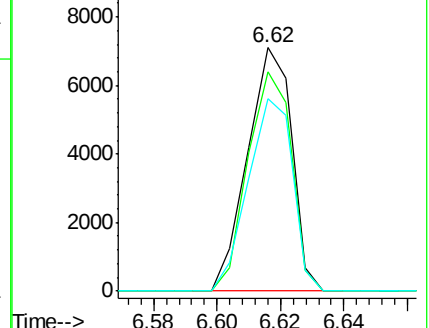
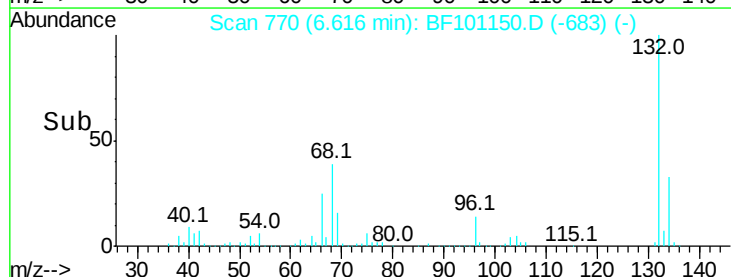
106 79.2 74.5 114.5

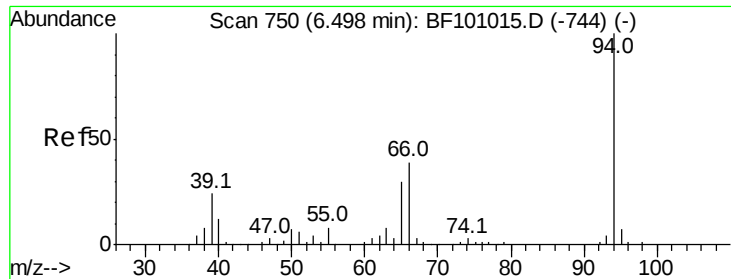


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

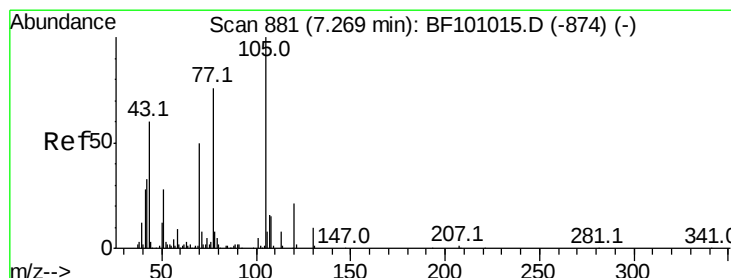
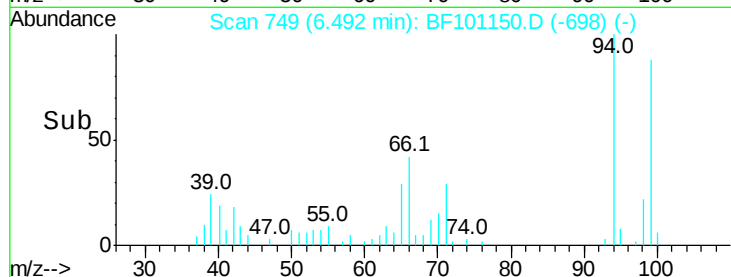
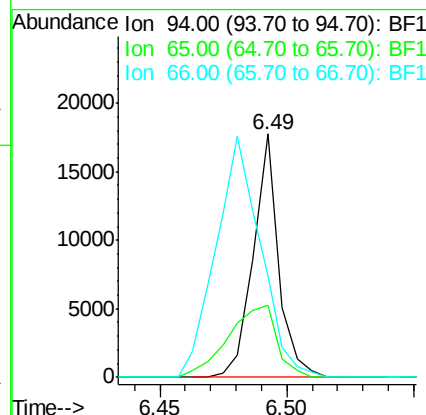
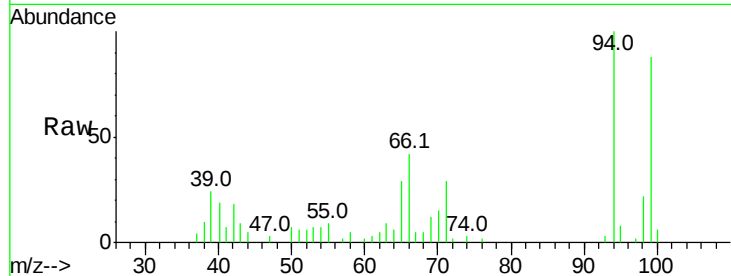




#10
Phenol
Concen: 2.895 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

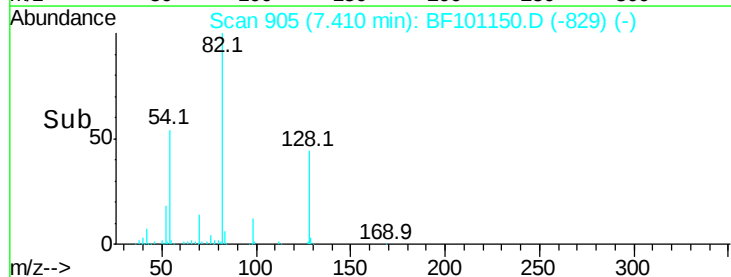
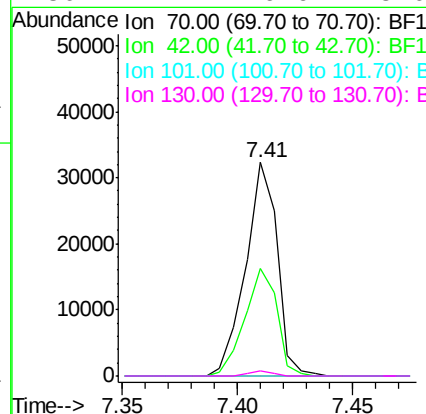
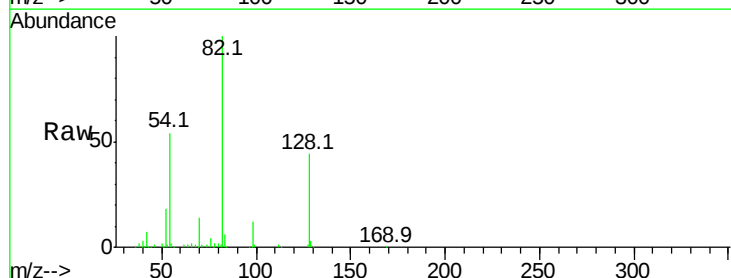
Instrument :
BNA_F
ClientSampled :

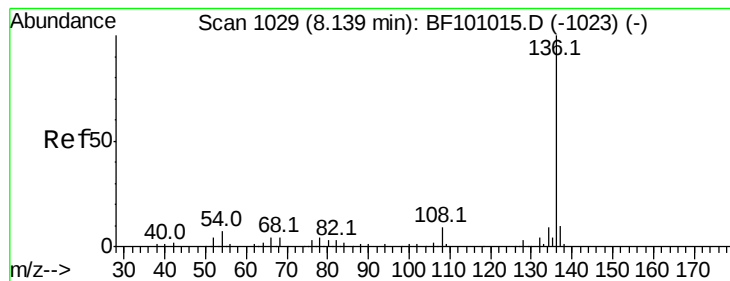
Tot Ion: 94 Resp: 12396
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 41.6 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.952 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion: 70 Resp: 31001
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 208853

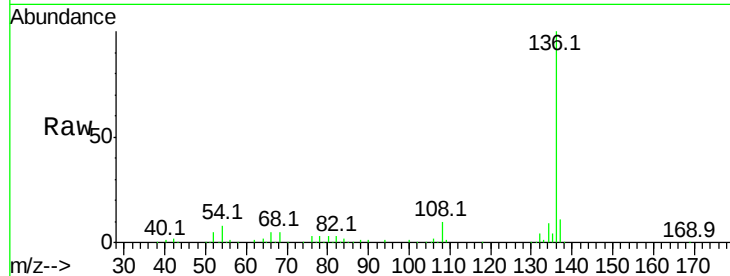
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.1 5.0 7.4

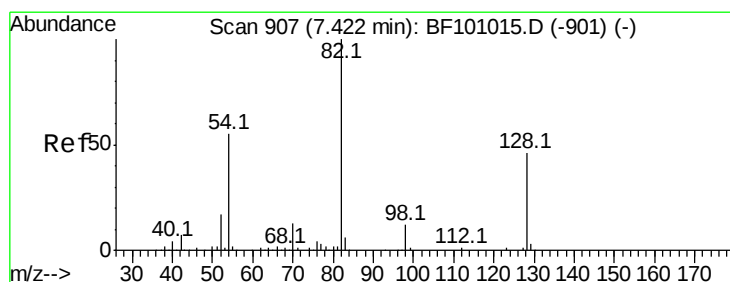
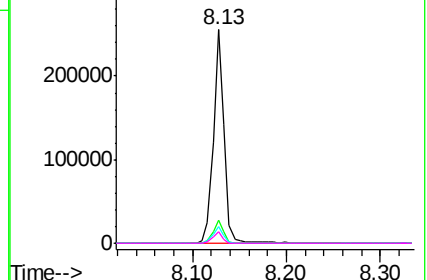
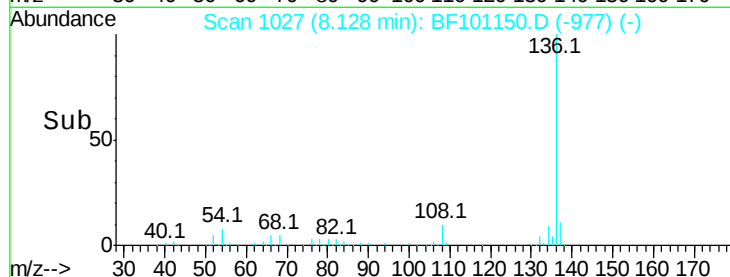


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 65.765 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

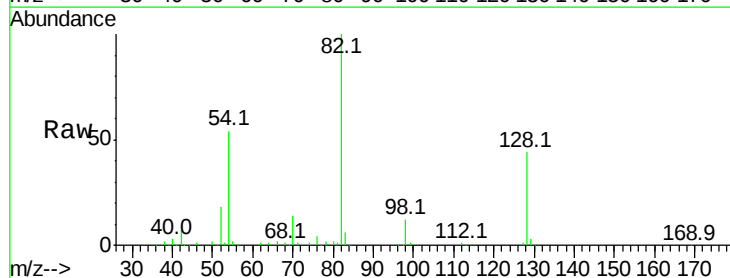
Tgt Ion: 82 Resp: 230250

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

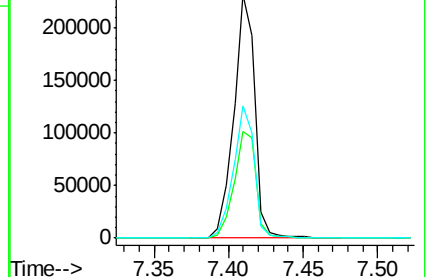
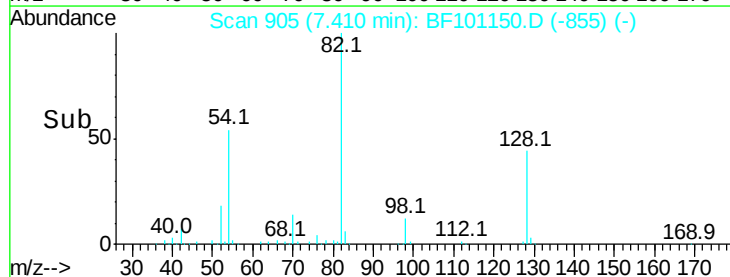
54 54.1 41.4 62.2

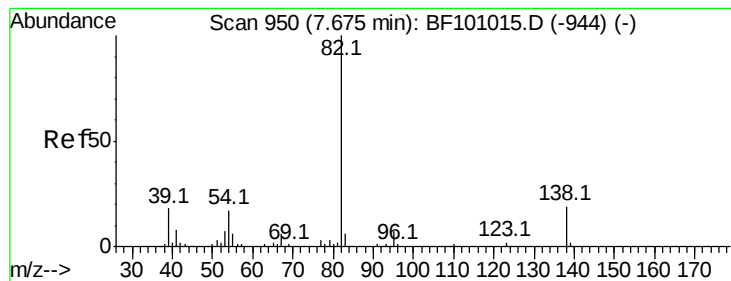


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.501 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

ClientSampleId :

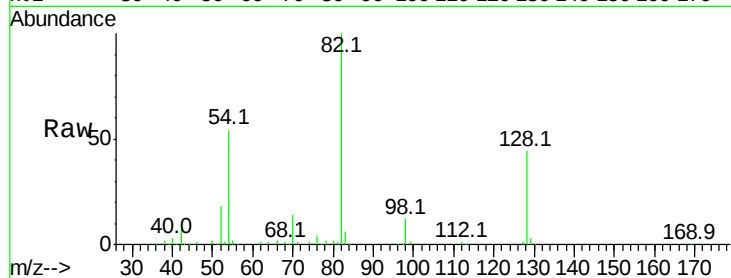
Tot Ion: 82 Resp: 230248

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

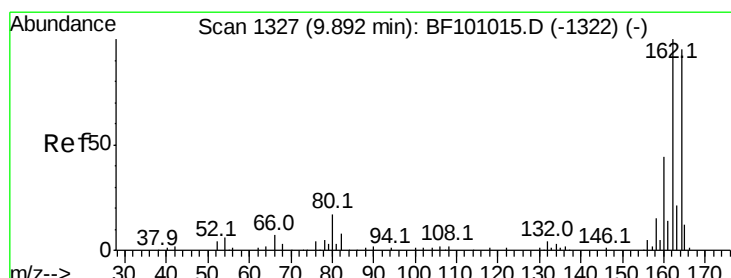
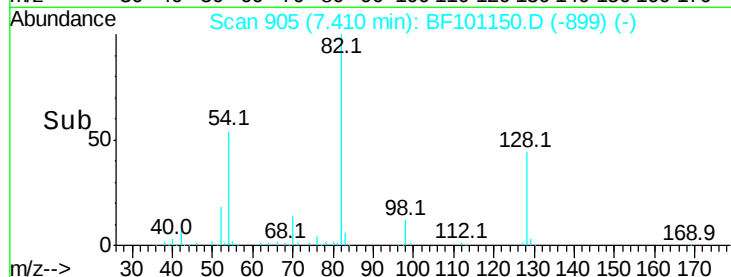
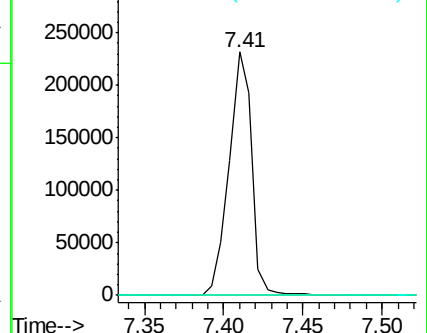
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

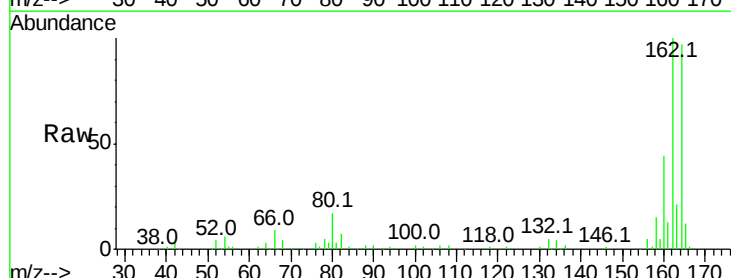
Tgt Ion:164 Resp: 92902

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

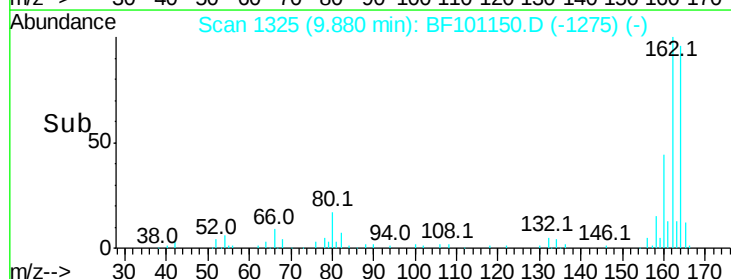
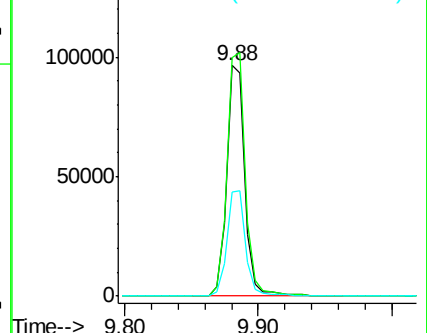
160 45.2 38.3 57.5

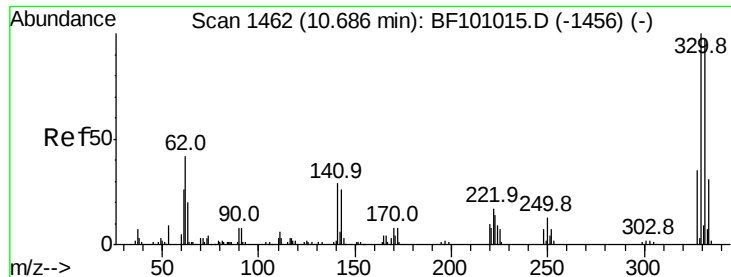


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

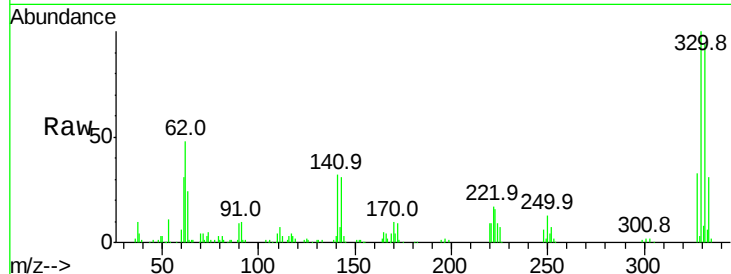




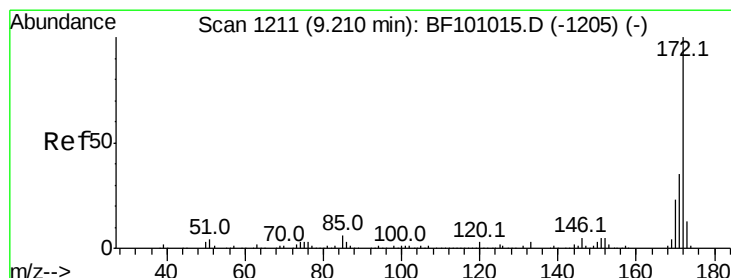
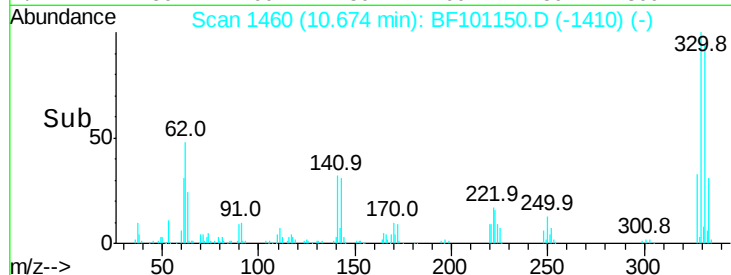
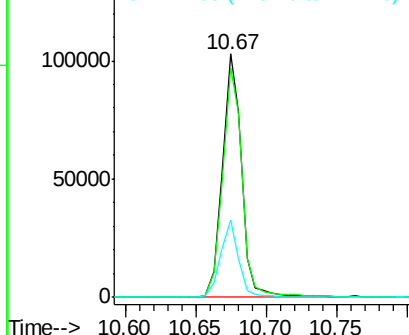
#41
 2,4,6-Tribromophenol
 Concen: 86.853 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101150.D
 Acq: 6 Dec 2017 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 96929
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 29.9 29.9 44.9

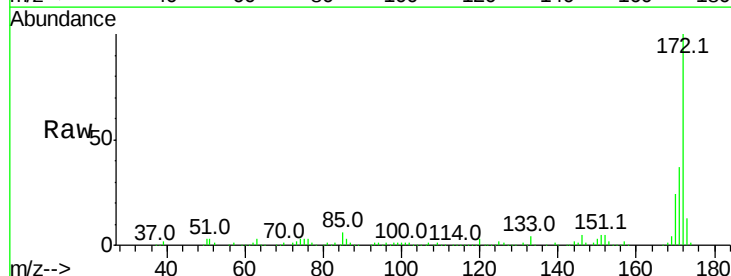


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

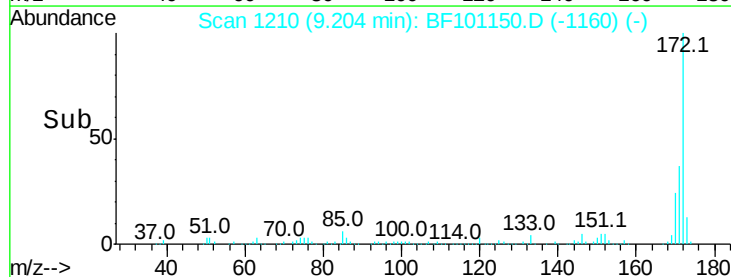
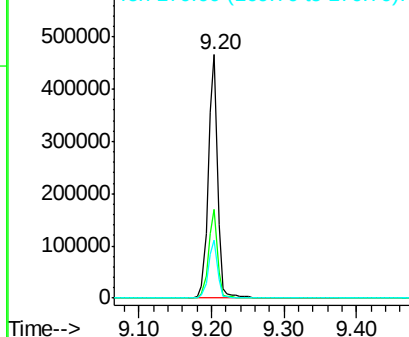


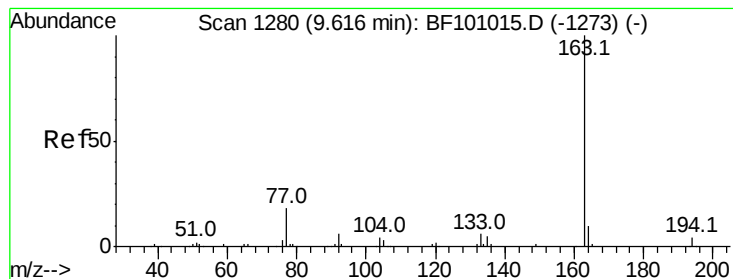
#44
 2-Fluorobiphenyl
 Concen: 61.069 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101150.D
 Acq: 6 Dec 2017 3:47

Tgt Ion:172 Resp: 414665
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.8 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.485 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

ClientSampled :

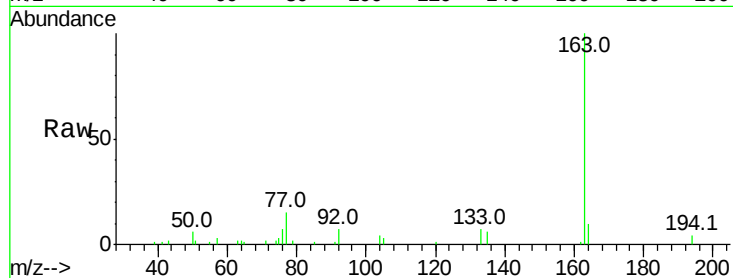
Tot Ion:163 Resp: 33602

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

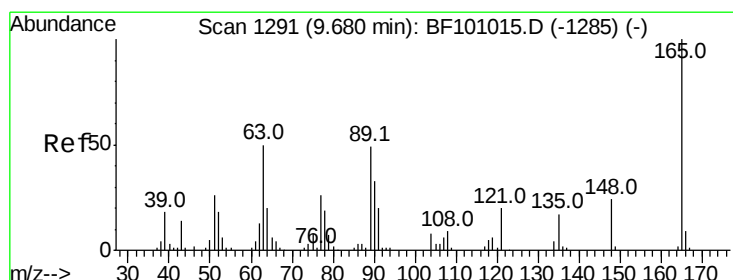
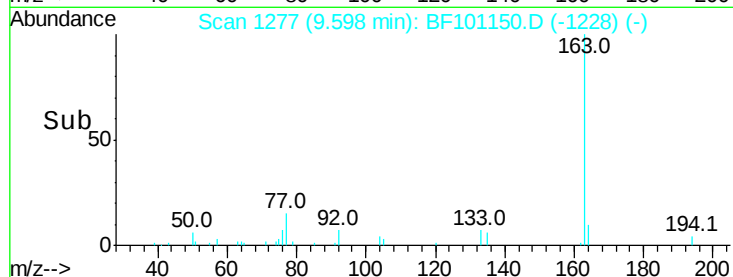
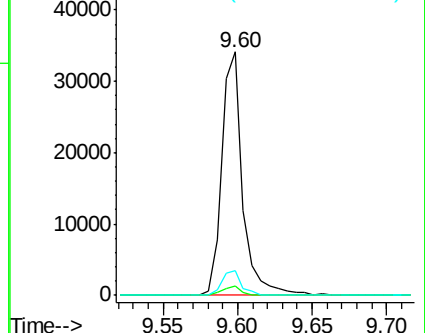
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.317 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

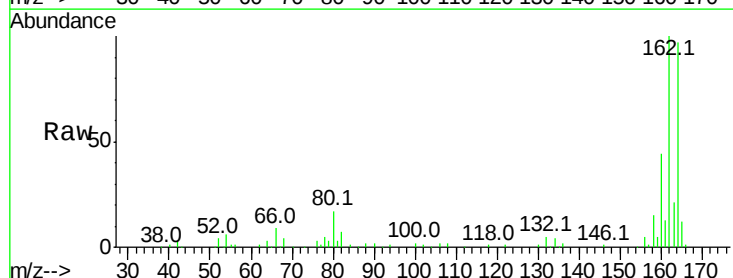
Tgt Ion:165 Resp: 11547

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

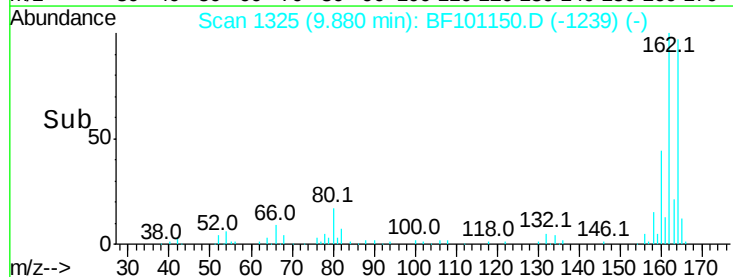
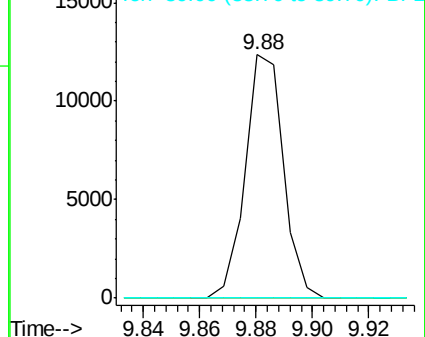
89 0.0 44.0 66.0#

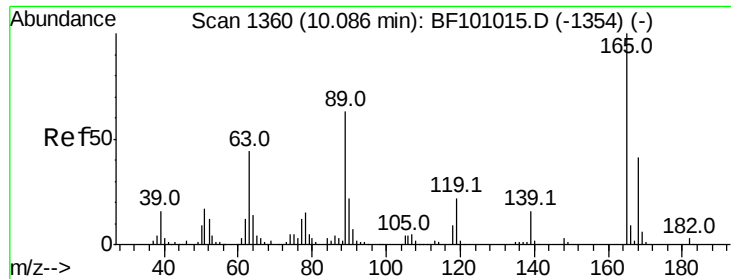


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

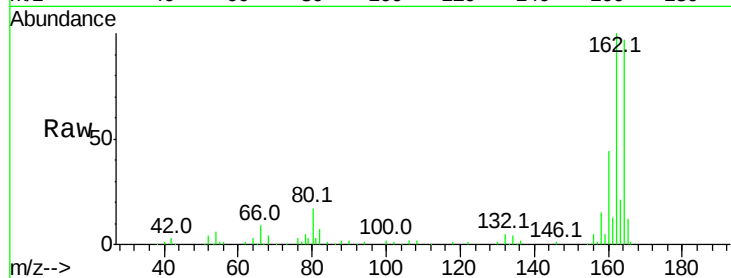




#56
2,4-Dinitrotoluene
Concen: 5.460 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	11547
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

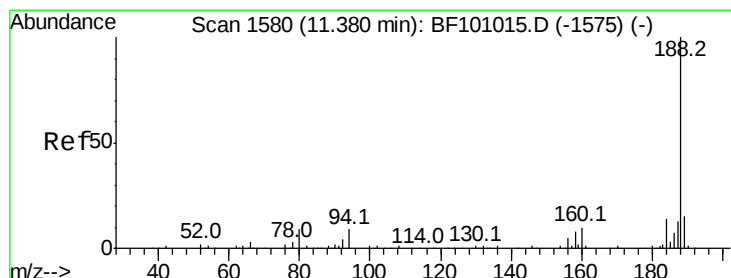
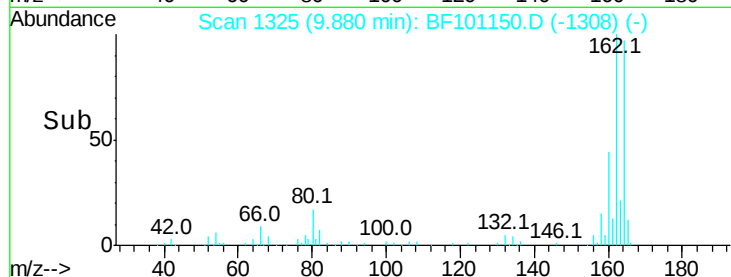
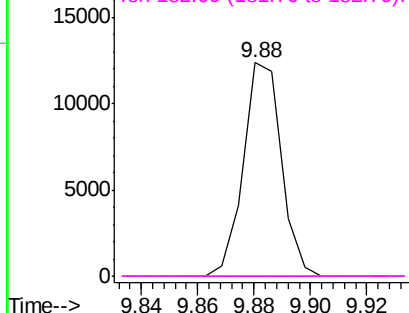


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

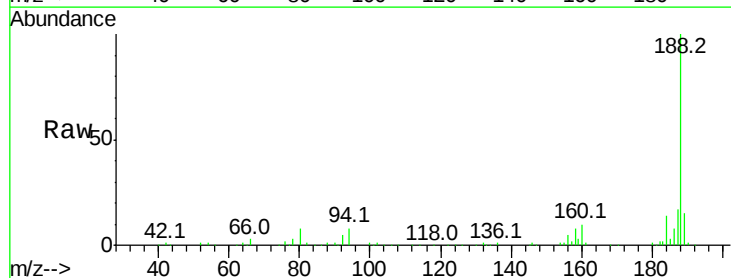
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

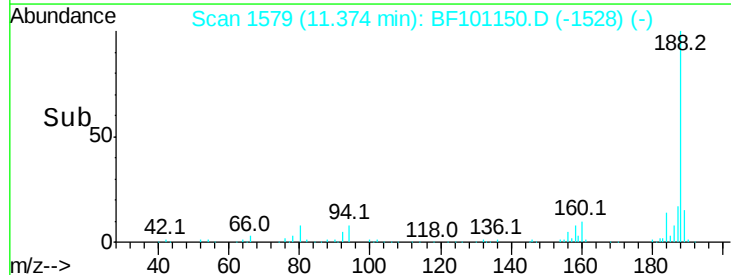
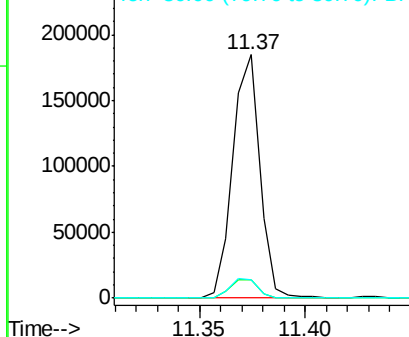
Tgt Ion:188	Resp:	163547
Ion Ratio	Lower	Upper
188	100	
94	7.6	8.5 12.7#
80	7.8	9.2 13.8#

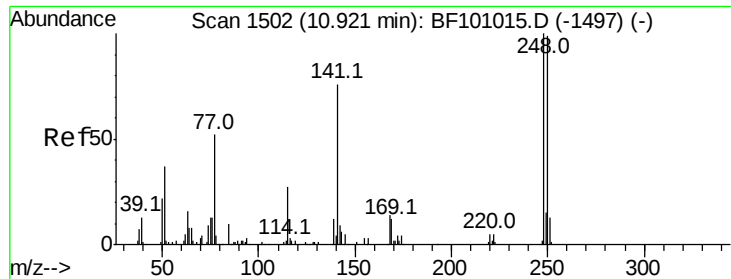


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

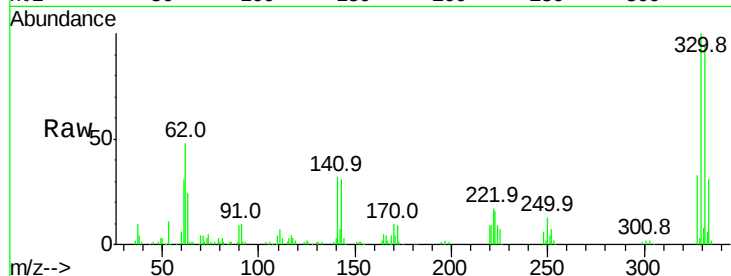




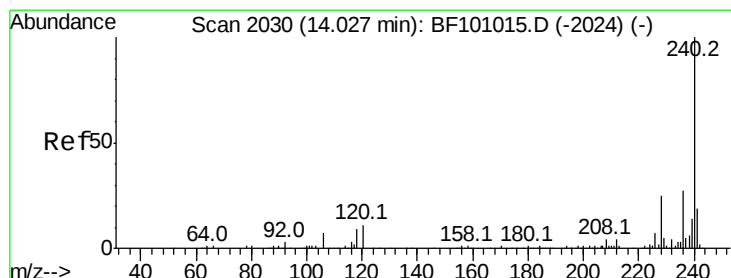
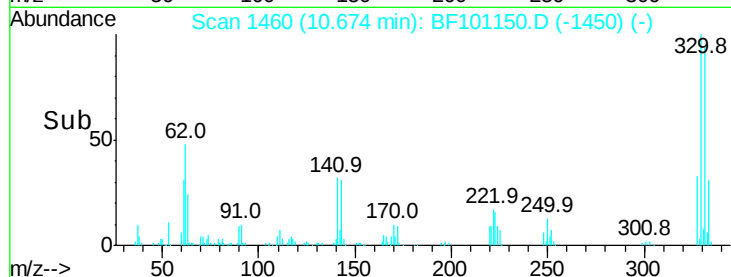
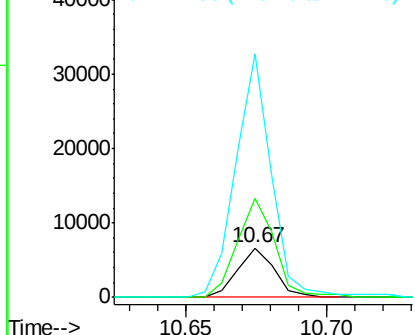
#66
 4-Bromophenyl-phenylether
 Concen: 3.234 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101150.D
 Acq: 6 Dec 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5921
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.9 115.3#
 141 494.5 74.4 111.6#

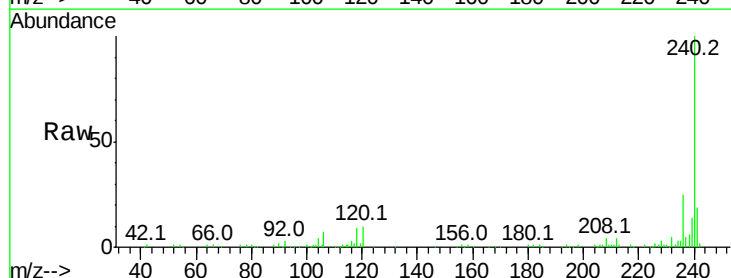


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

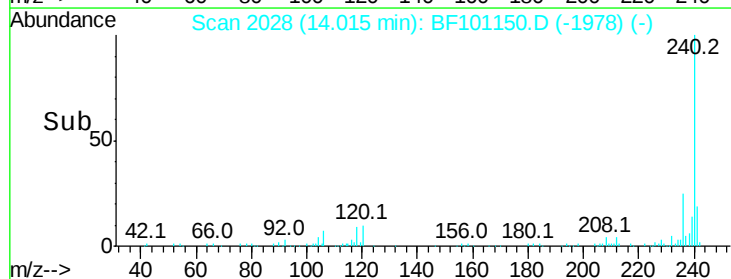
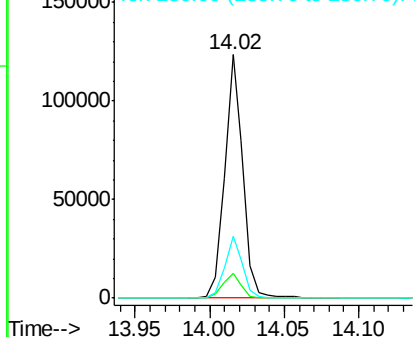


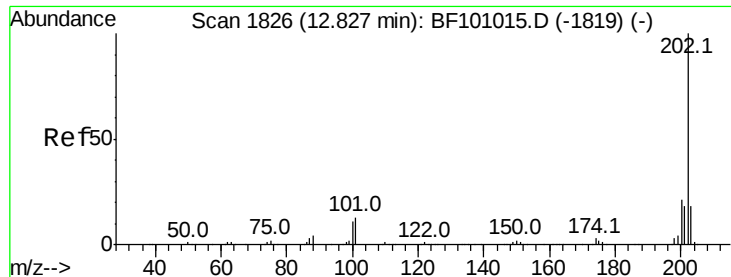
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101150.D
 Acq: 6 Dec 2017 3:47

Tgt Ion:240 Resp: 105842
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.5 20.7 31.1



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

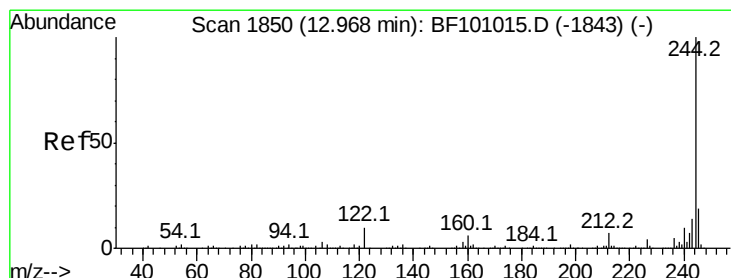
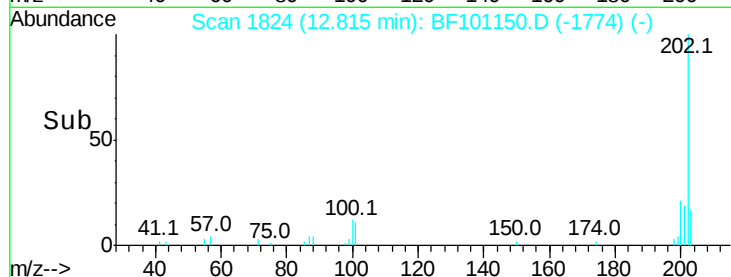
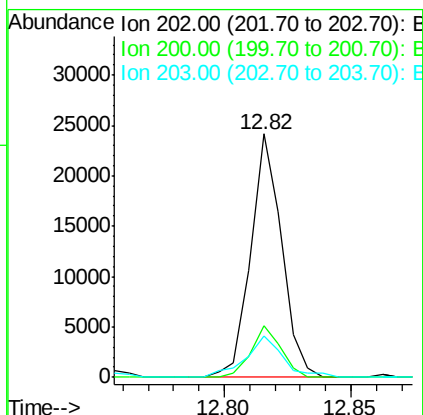
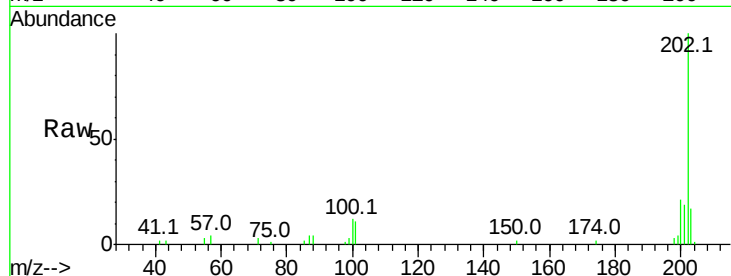




#77
Pvrene
Concen: 2.818 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

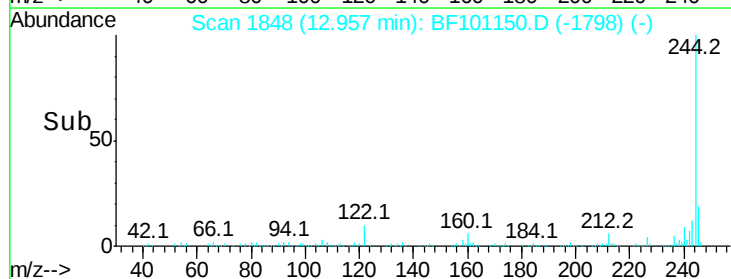
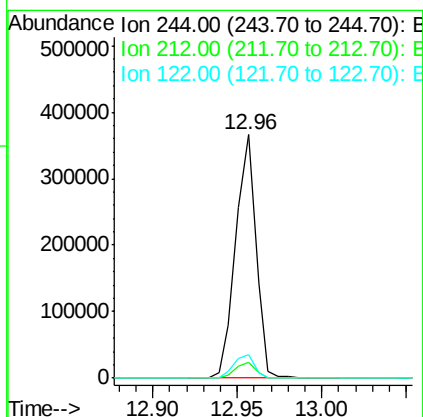
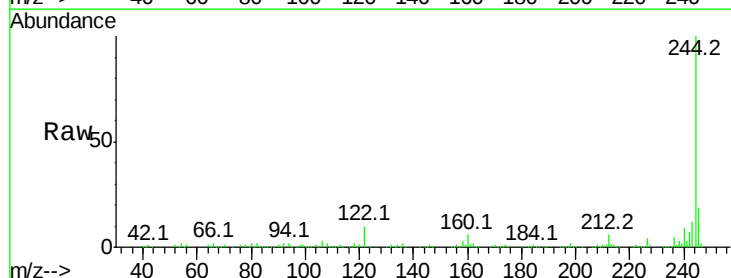
Instrument :
BNA_F
ClientSampleId :

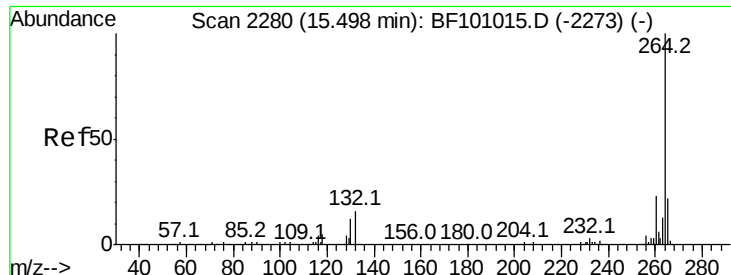
Tot Ion:202 Resp: 20578
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 63.717 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion:244 Resp: 308329
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.7 11.0 16.4#

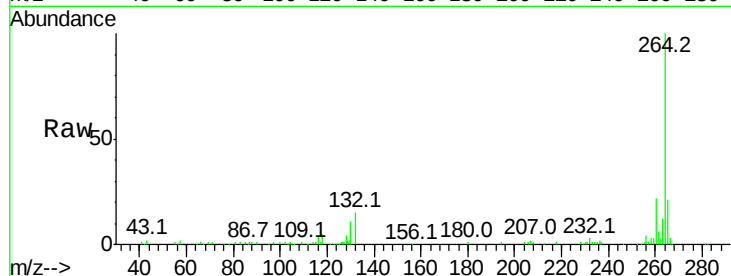




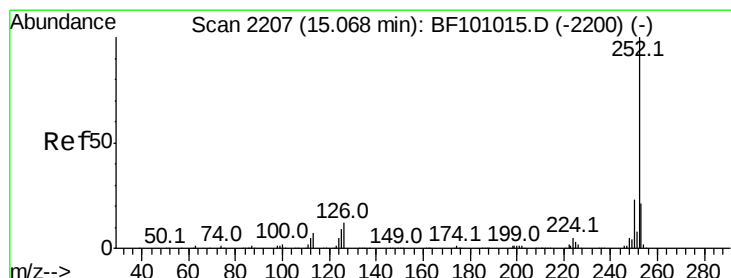
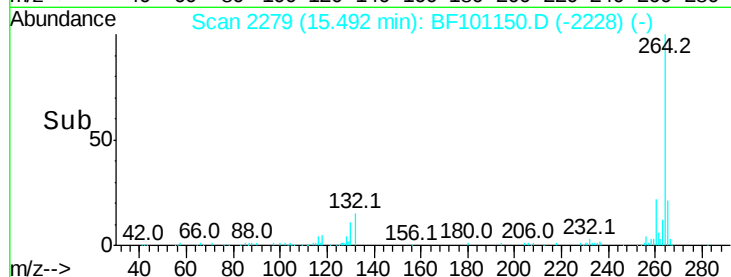
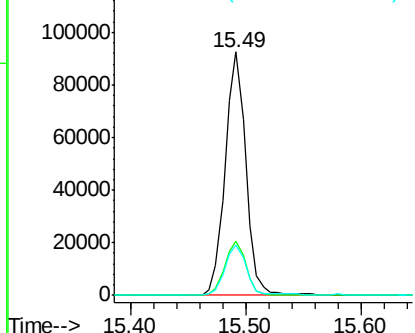
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 115559
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 20.7 17.5 26.3

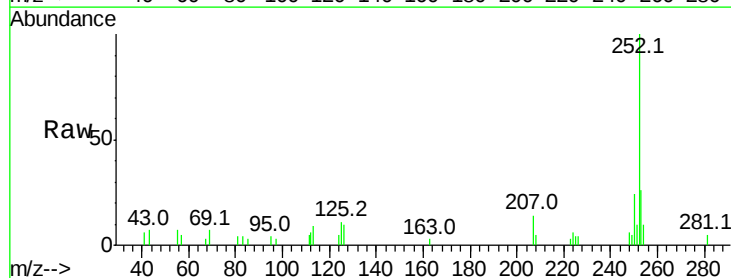


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

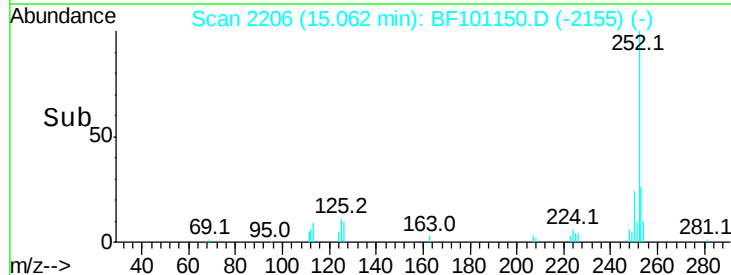
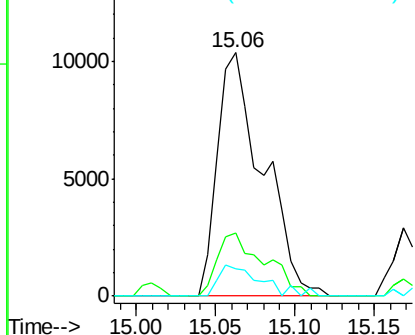


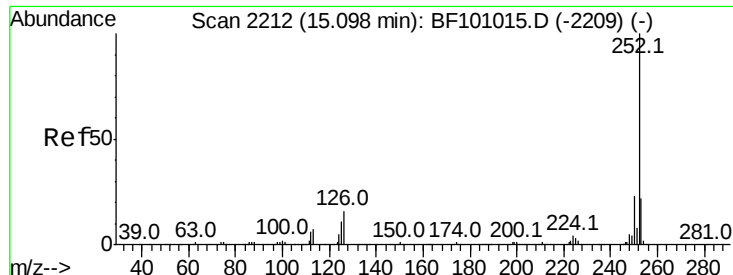
#87
Benzo(b)fluoranthene
Concen: 2.979 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion:252 Resp: 20623
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.6#
125 11.2 9.0 13.6



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





#88

Benzo(k)fluoranthene

Concen: 3.024 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

ClientSampleId :

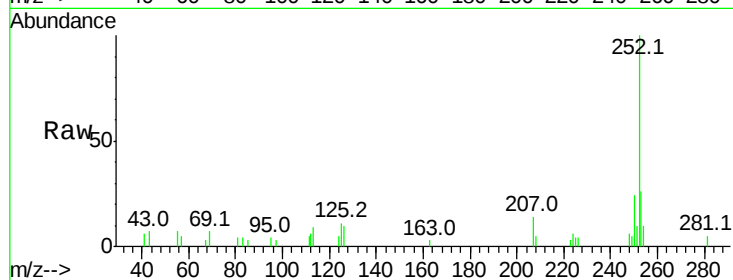
Tot Ion:252 Resp: 20623

Ion Ratio Lower Upper

252 100

253 25.7 17.9 26.9

125 11.2 10.2 15.2



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

