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 Data File : BF101136.D
 Acq On : 5 Dec 2017 20:36
 Operator : SJ/JU
 Sample : I6709-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 00:24:24 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

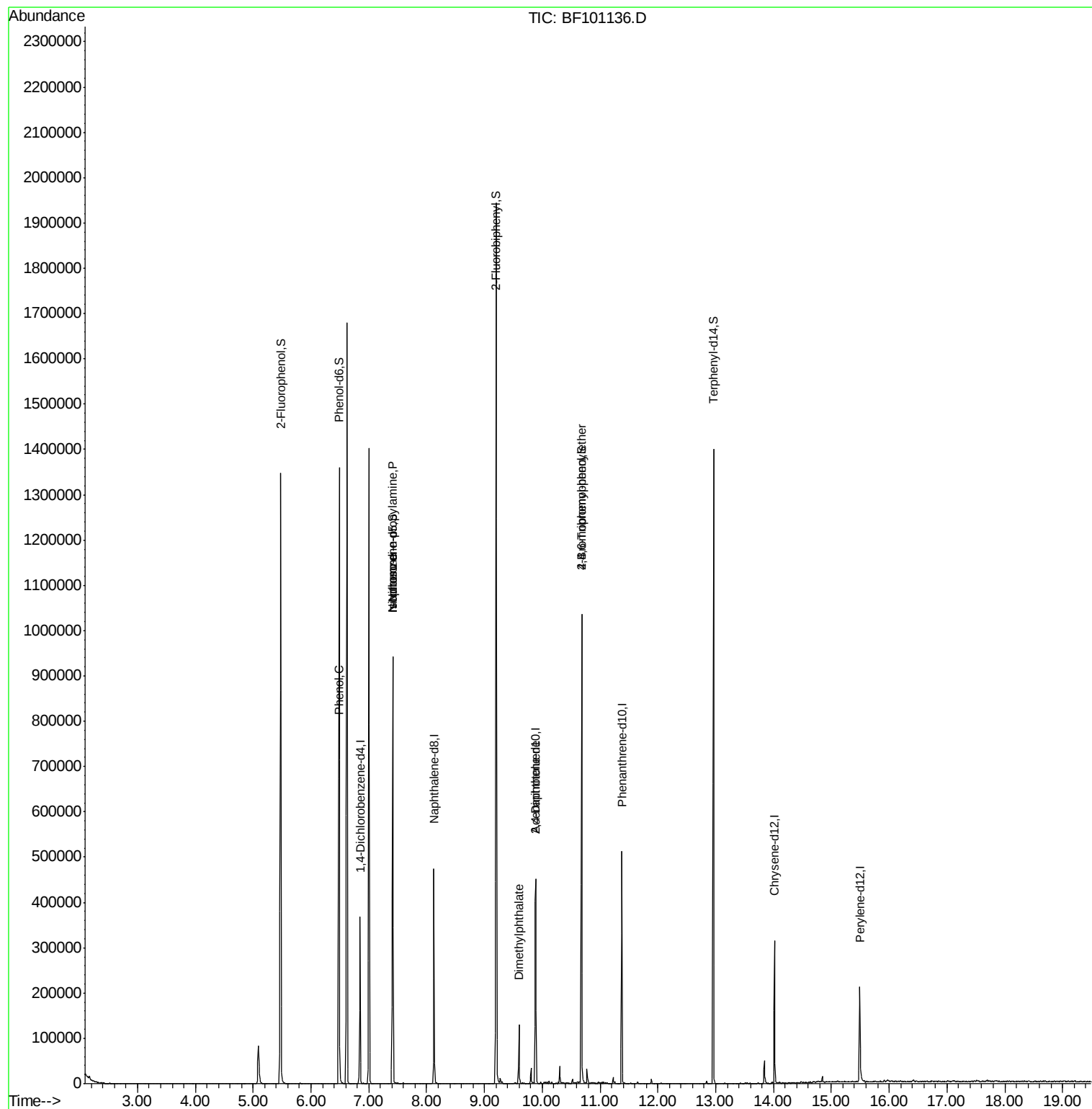
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52732	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	205074	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93926	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	173441	20.00	ng	0.00
75) Chrysene-d12	14.02	240	107418	20.00	ng	0.00
86) Perylene-d12	15.49	264	111934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	429722	134.66	ng	0.02
7) Phenol-d6	6.49	99	522545	134.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	318361	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	138519	122.77	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	645366	94.01	ng	0.00
78) Terphenyl-d14	12.96	244	522191	106.33	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12340	2.864	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	41639	15.958	ng	# 80
25) Isophorone	7.42	82	318357	54.215	ng	# 64
49) Dimethylphthalate	9.60	163	60313	7.962	ng	# 99
56) 2,4-Dinitrotoluene	9.89	165	12232	5.721	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8726	4.495	ng	# 1

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

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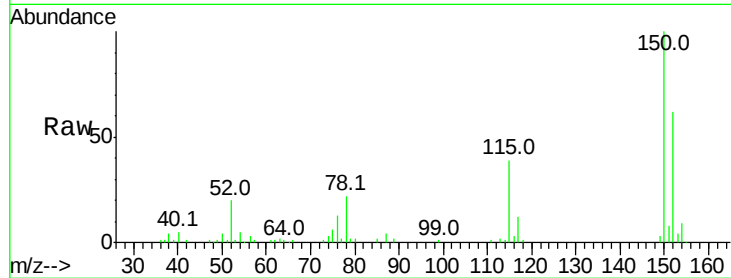




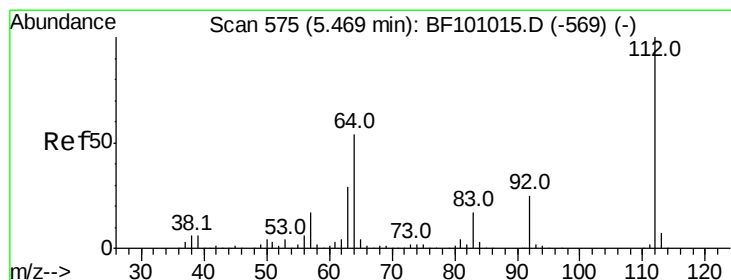
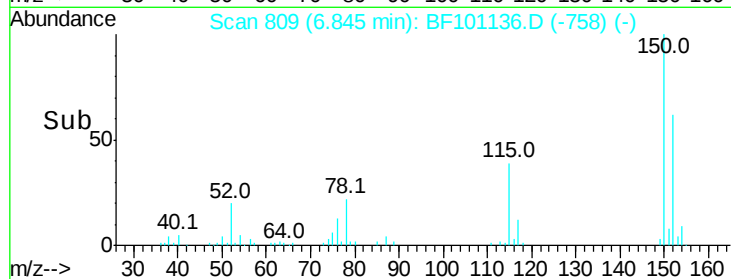
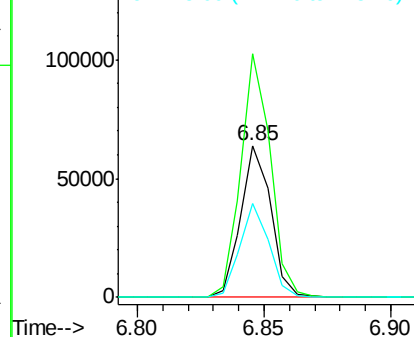
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 52732
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.6 186.8
 115 62.1 50.1 75.1

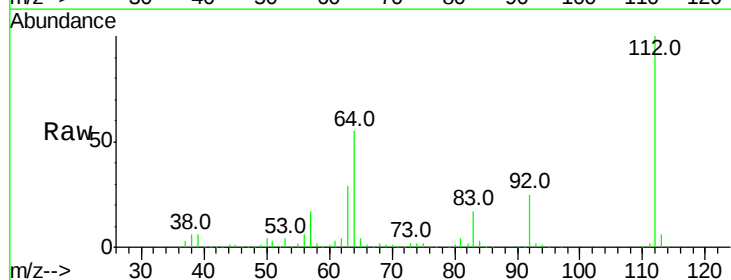


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

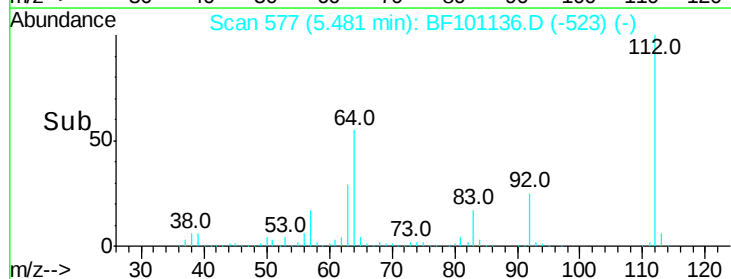
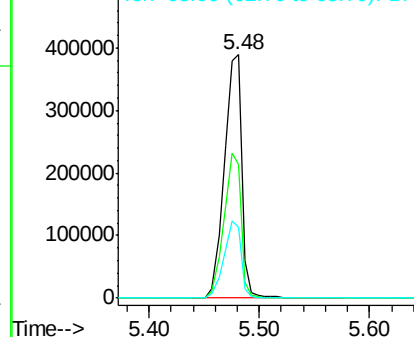


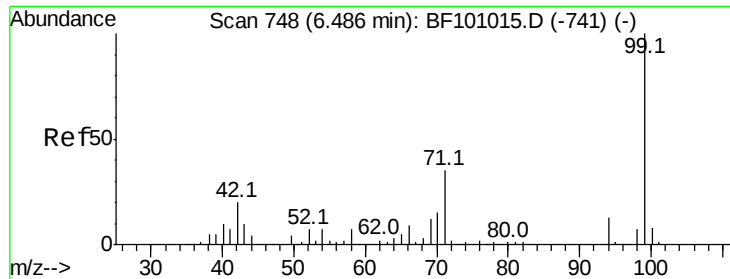
#5
 2-Fluorophenol
 Concen: 134.660 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:112 Resp: 429722
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 29.2 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: 134.872 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

Instrument :

BNA_F

ClientSampleId :

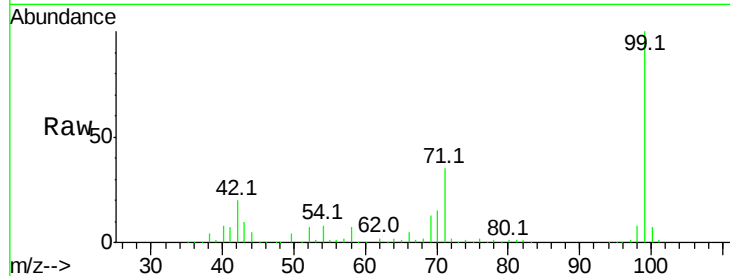
Tot Ion: 99 Resp: 522545

Ion Ratio Lower Upper

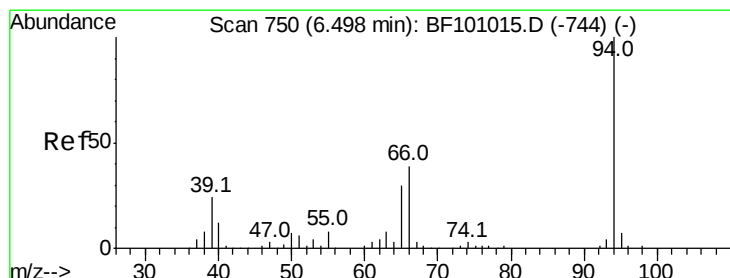
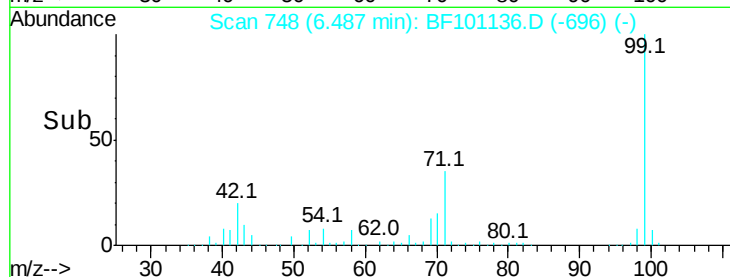
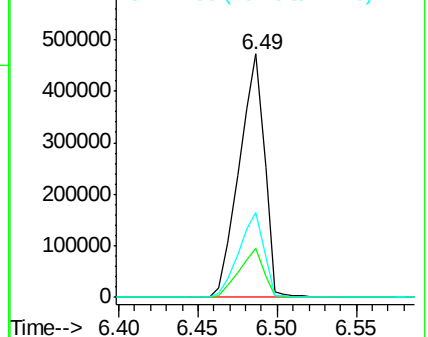
99 100

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



#10

Phenol

Concen: 2.864 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

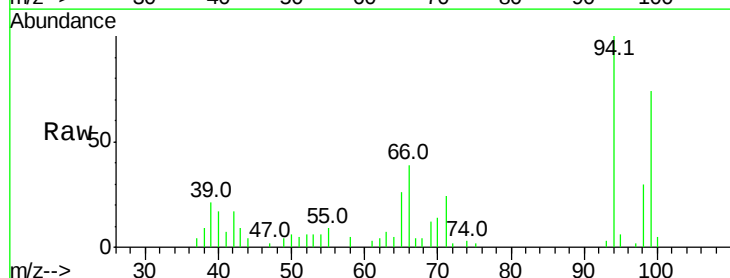
Tgt Ion: 94 Resp: 12340

Ion Ratio Lower Upper

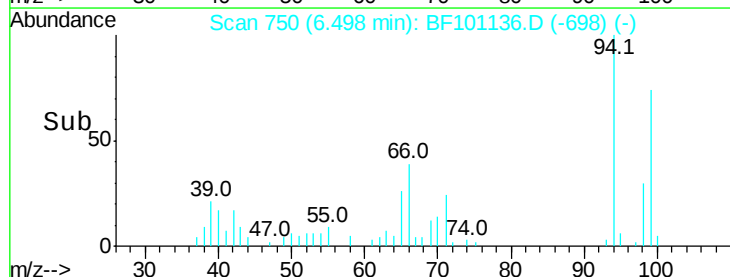
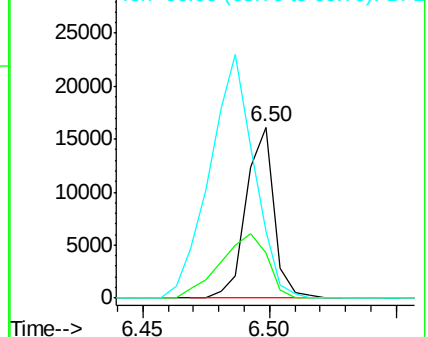
94 100

65 26.3 7.9 47.9

66 39.4 16.2 56.2



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

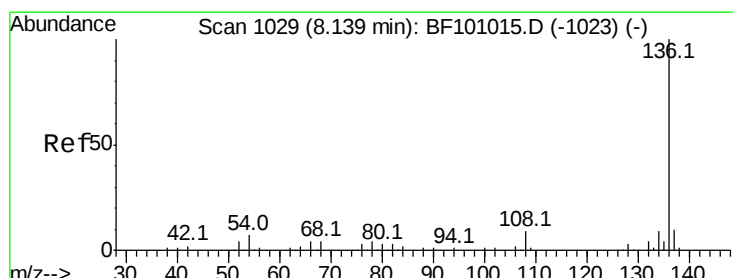
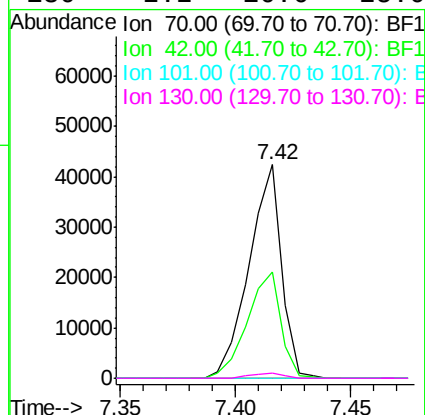
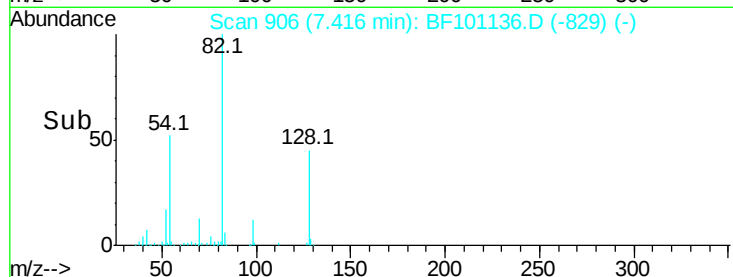
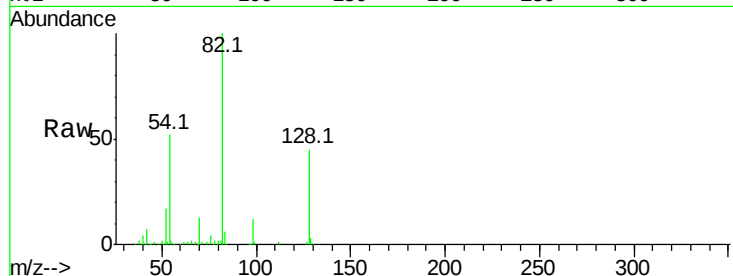




#19
n-Nitroso-di-n-propylamine
Concen: 15.958 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

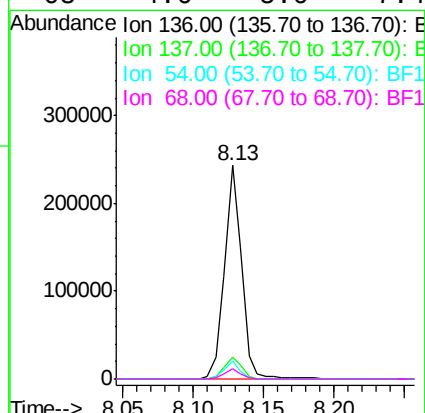
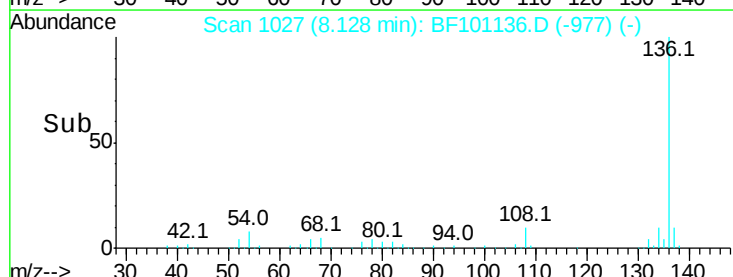
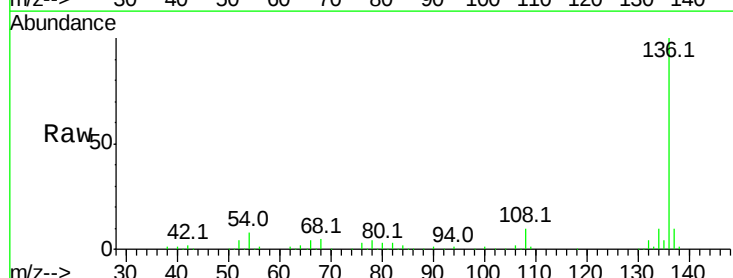
Instrument :
BNA_F
ClientSampleId :

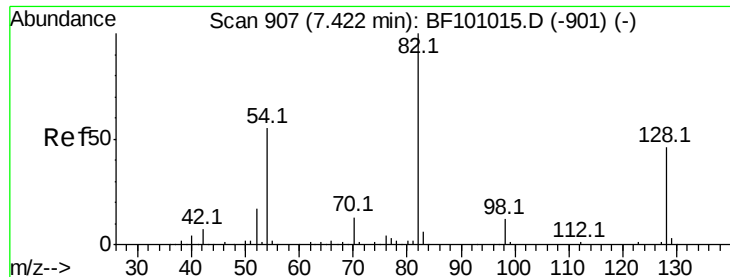
Tot Ion: 70 Resp: 41639
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Tgt Ion:136 Resp: 205074
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 8.1 6.6 9.8
68 4.6 5.0 7.4#

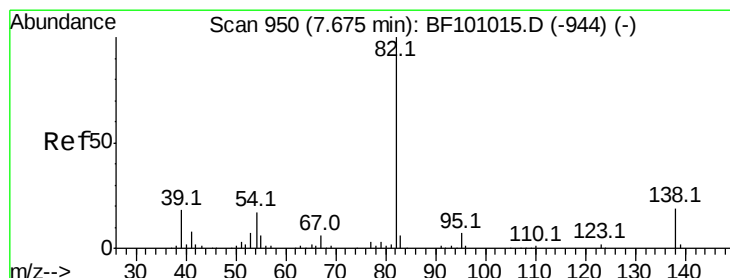
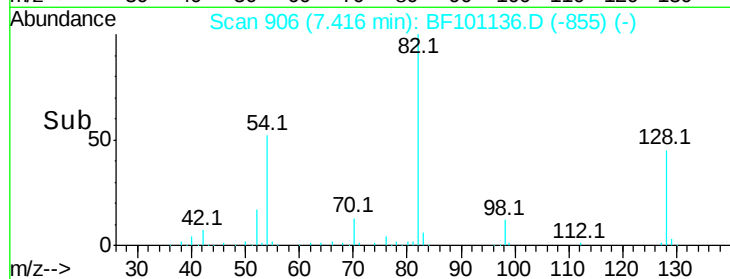
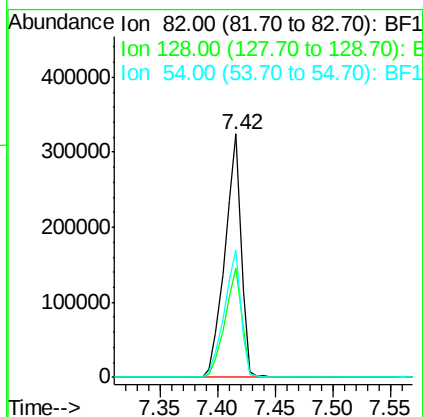
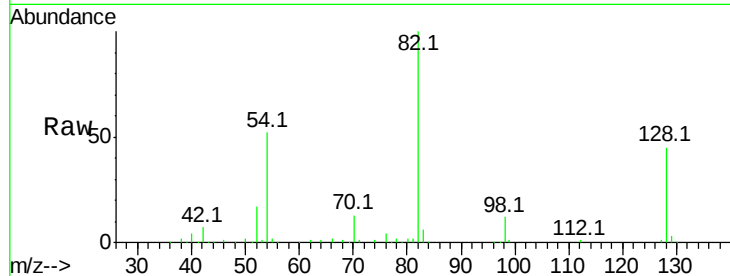




#23
Nitrobenzene-d5
Concen: 92.607 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

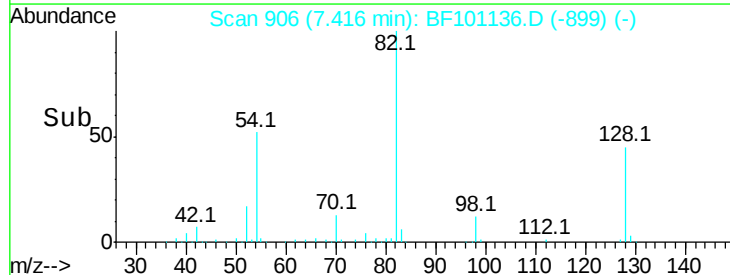
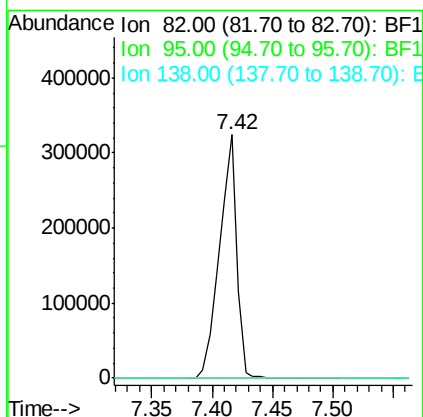
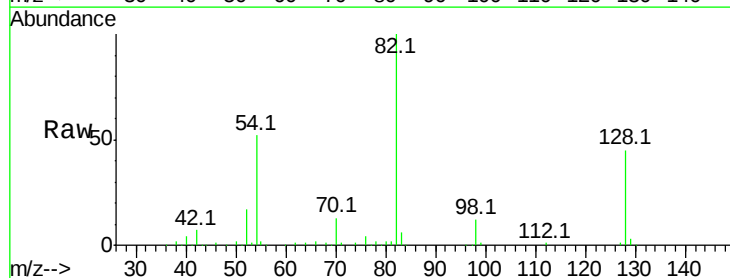
Instrument :
BNA_F
ClientSampled :

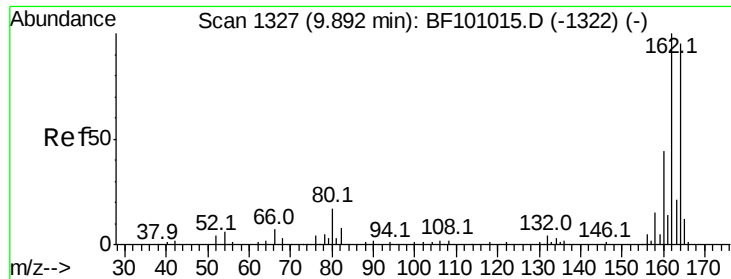
Tot Ion	82	Resp	318361
Ion Ratio	100	Lower	Upper
128	44.8	36.1	54.1
54	52.4	41.4	62.2



#25
Isophorone
Concen: 54.215 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Tgt Ion	82	Resp	318357
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

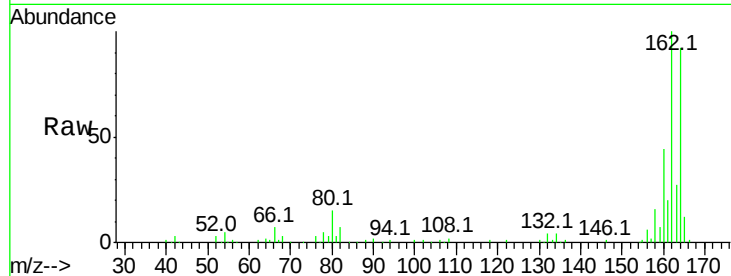




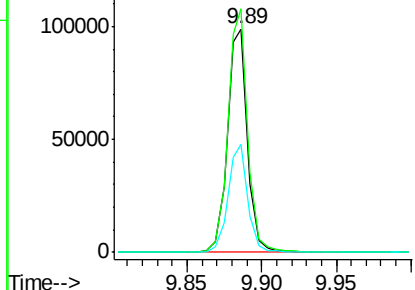
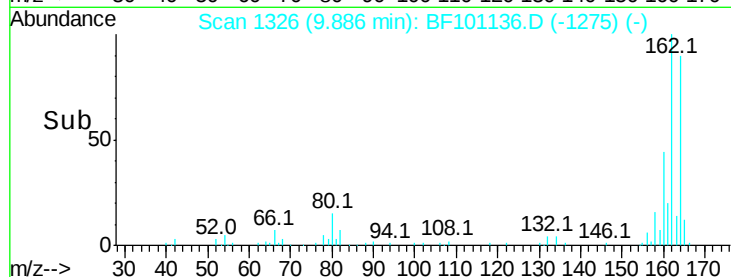
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 93926
Ion Ratio Lower Upper
164 100
162 109.0 86.1 129.1
160 48.5 38.3 57.5

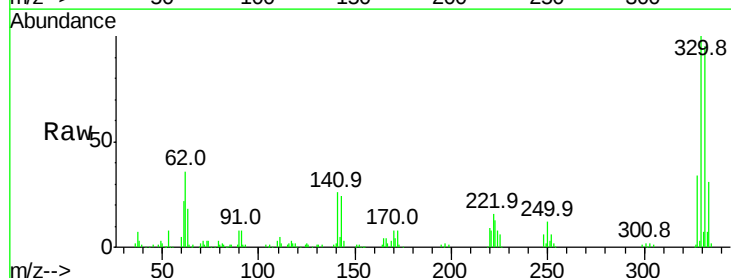


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

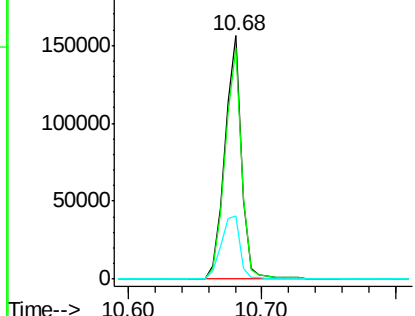
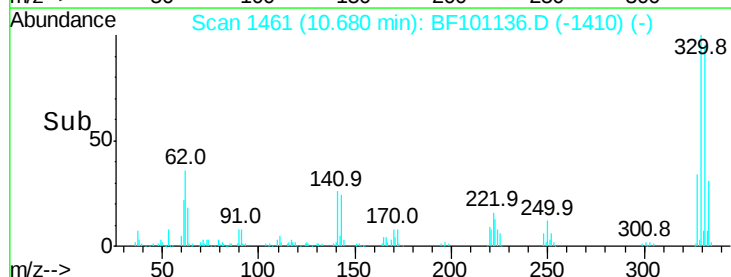


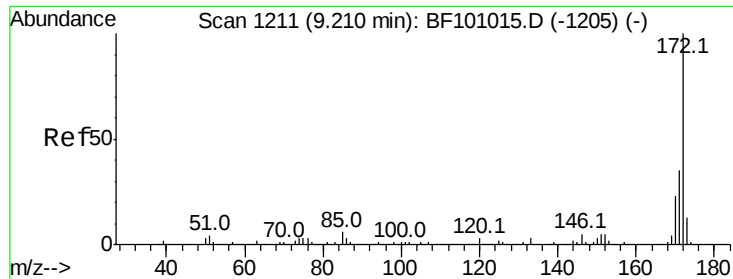
#41
2,4,6-Tribromophenol
Concen: 122.766 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Tgt Ion:330 Resp: 138519
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 29.6 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

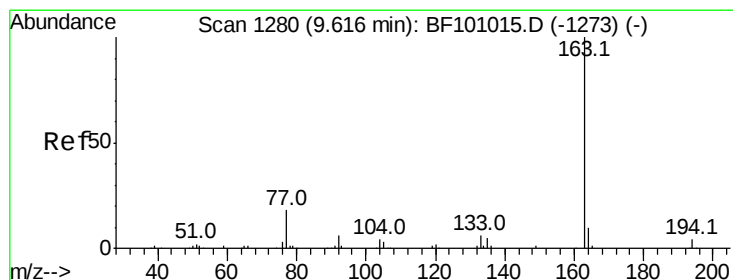
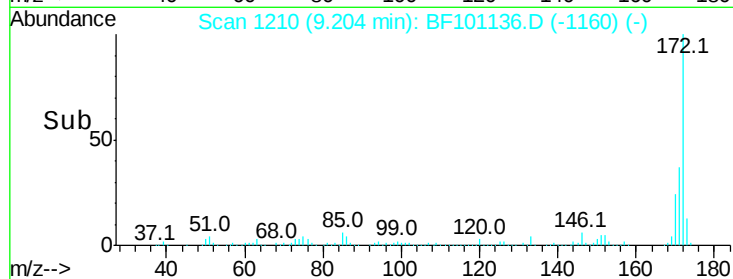
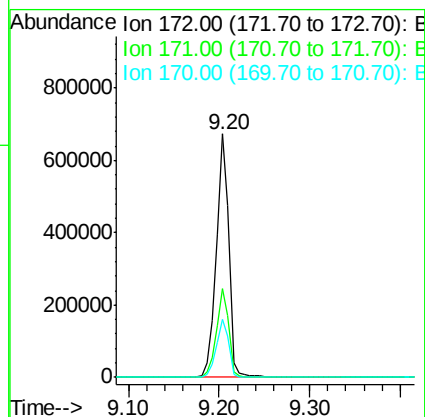
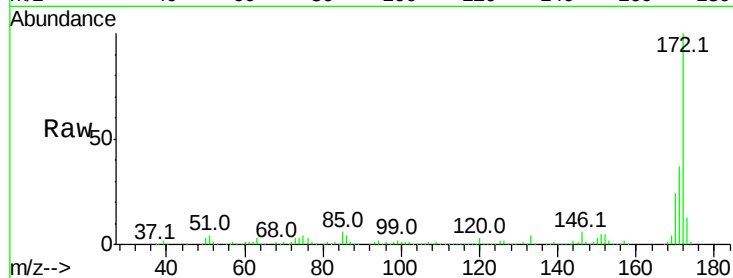




#44
 2-Fluorobiphenyl
 Concen: 94.009 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

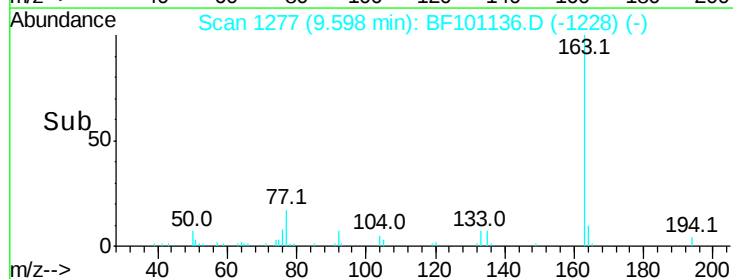
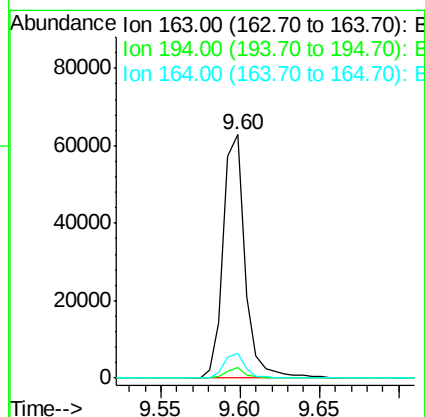
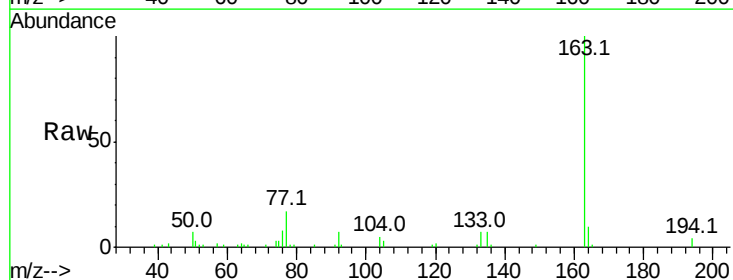
Instrument :
 BNA_F
 ClientSampleId :

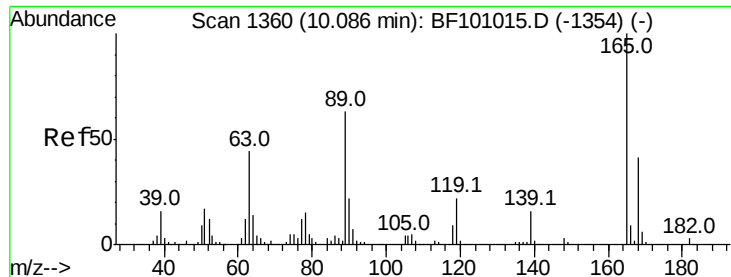
Tot Ion:172 Resp: 645366
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.962 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:163 Resp: 60313
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 10.2 8.2 12.2

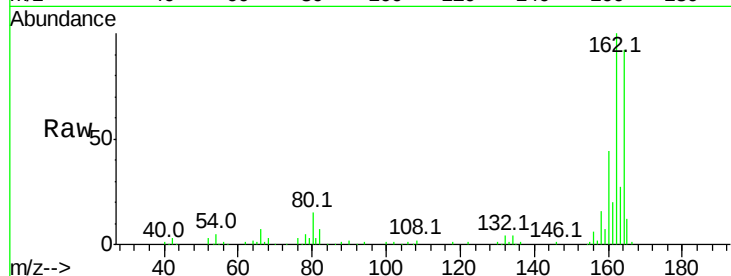




#56
 2,4-Dinitrotoluene
 Concen: 5.721 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



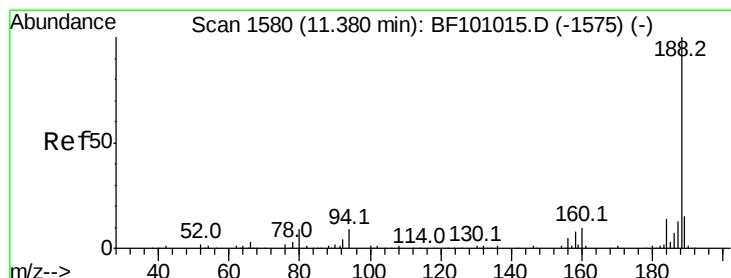
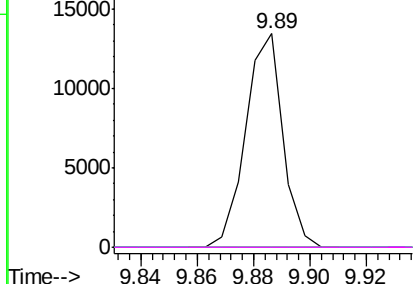
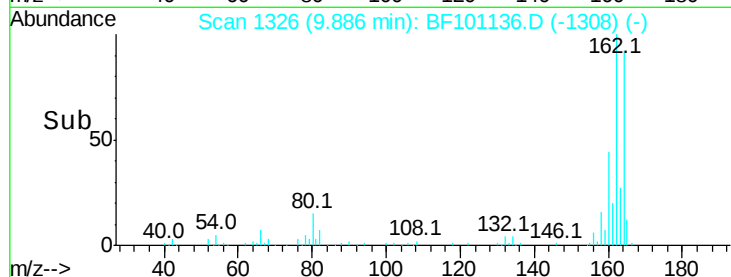
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

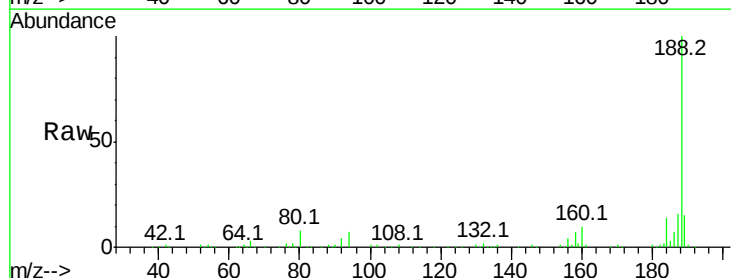
Ion 89.00 (88.70 to 89.70): BF1

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: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.3	9.2	13.8#

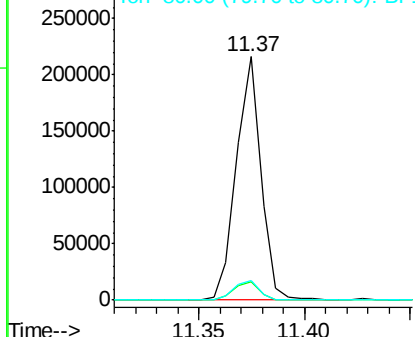
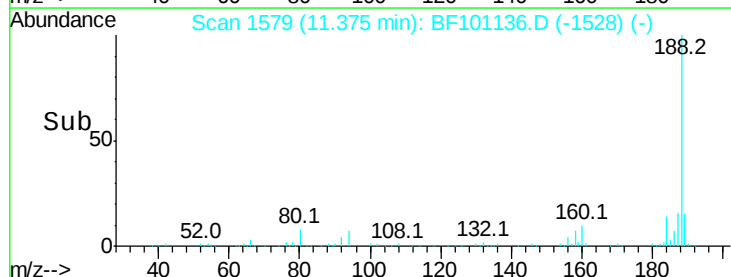


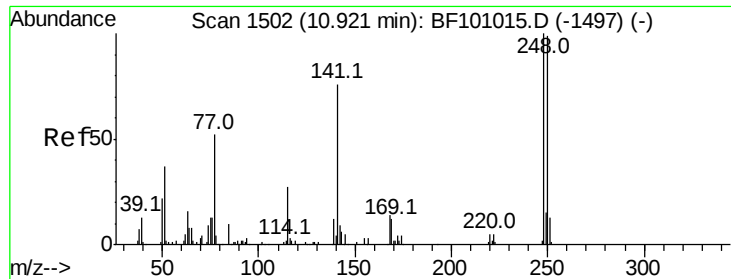
Abundance

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

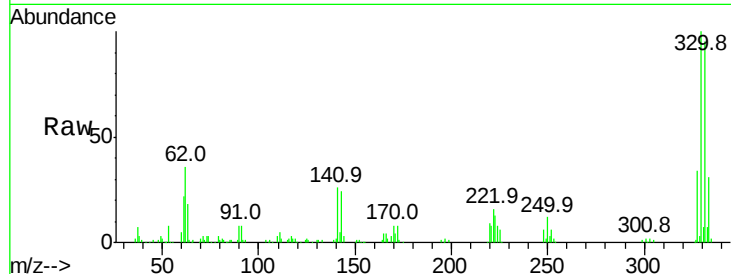




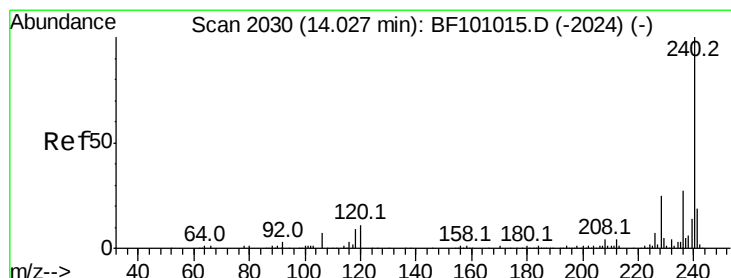
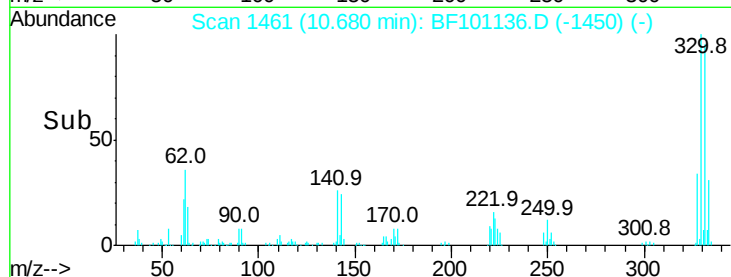
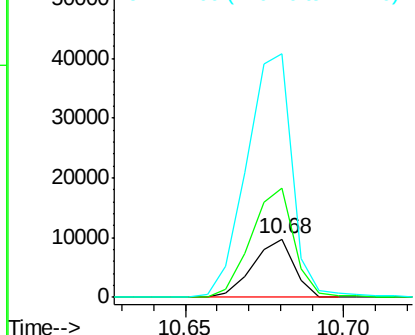
#66
 4-Bromophenyl-phenylether
 Concen: 4.495 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.23 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8726
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.9 115.3#
 141 415.7 74.4 111.6#

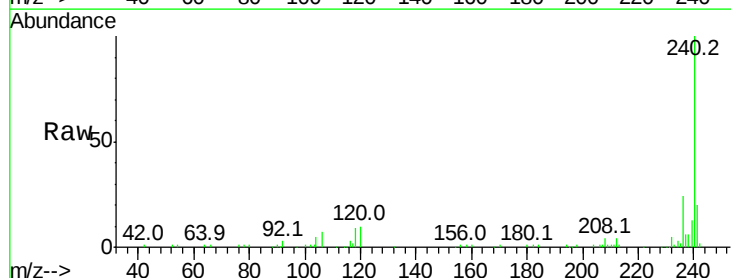


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

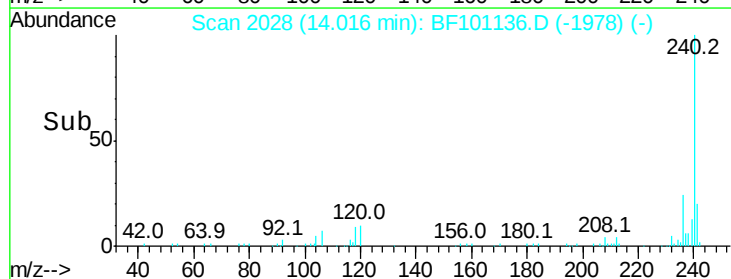
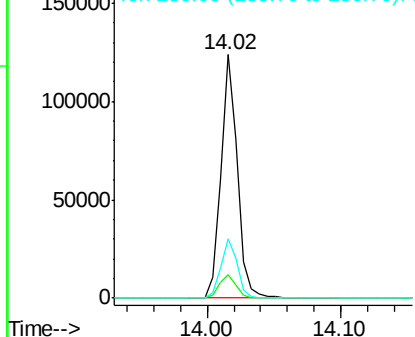


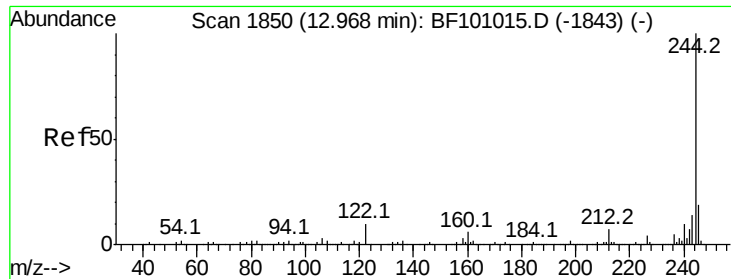
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:240 Resp: 107418
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 24.2 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

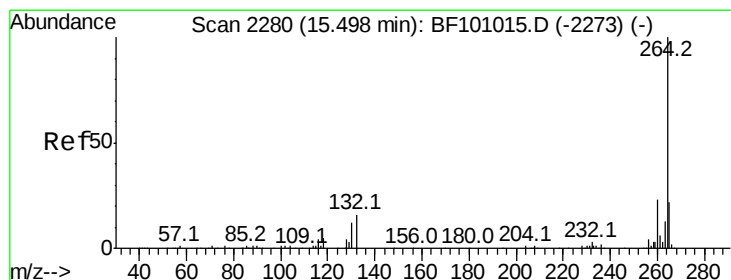
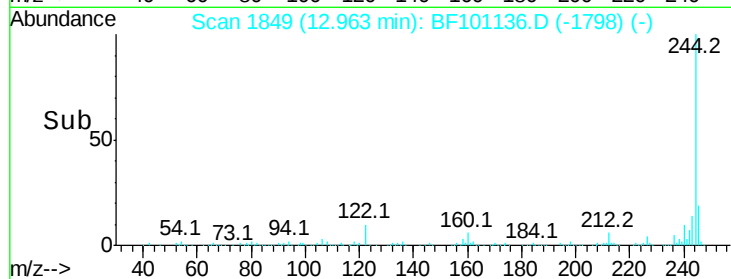
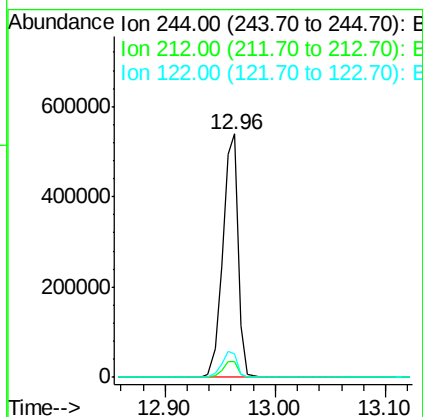
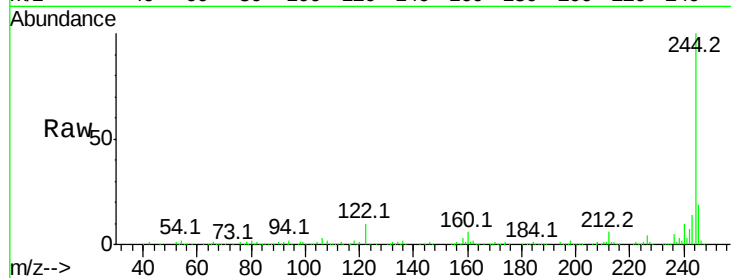




#78
 Terphenyl-d14
 Concen: 106.329 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 522191
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:264 Resp: 111934
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.7 17.5 26.3

