

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101153.D
 Acq On : 6 Dec 2017 5:07
 Operator : SJ/JU
 Sample : I6702-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 05:50:32 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

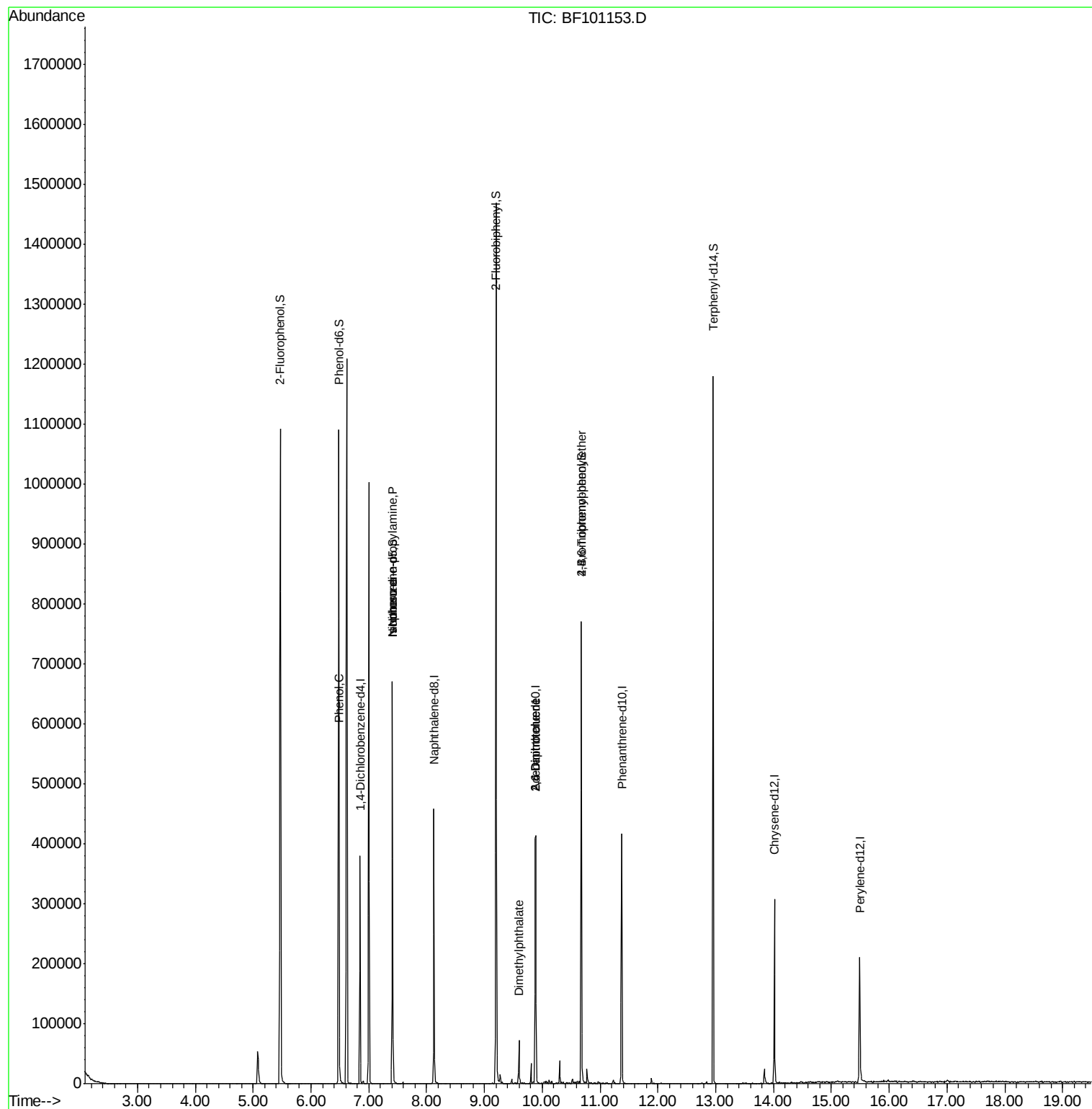
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51345	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203417	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	93020	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	167724	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109549	20.00	ng	0.00
86) Perylene-d12	15.49	264	115514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	312061	100.43	ng	0.00
7) Phenol-d6	6.48	99	372056	98.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	231172	67.79	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	99578	89.11	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	468050	68.84	ng	0.00
78) Terphenyl-d14	12.96	244	381327	76.14	ng	0.00
Target Compounds						
10) Phenol	6.49	94	8730	2.081	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	30290	11.922	ng	# 82
25) Isophorone	7.41	82	231170	39.688	ng	# 64
49) Dimethylphthalate	9.60	163	34004	4.533	ng	# 99
50) 2,6-Dinitrotoluene	9.88	165	11421	7.228	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11421	5.394	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6121	3.260	ng	# 1

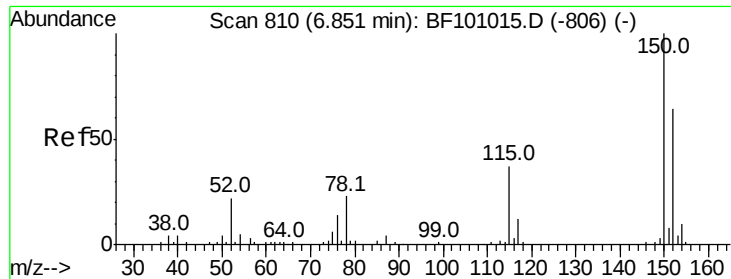
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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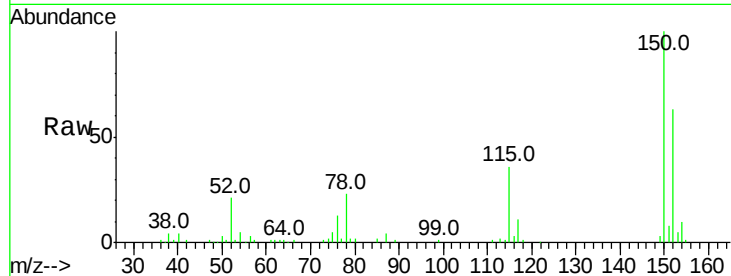




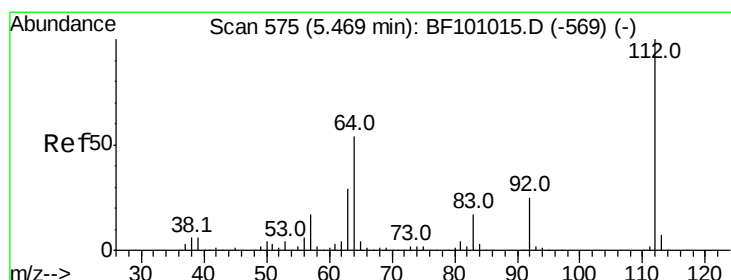
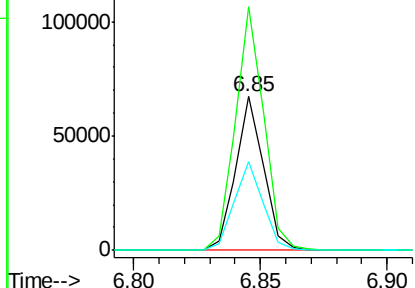
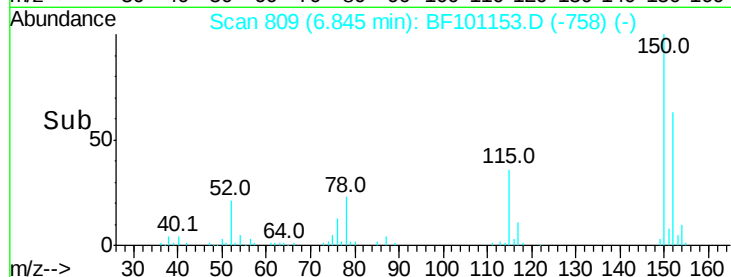
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 51345
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 57.6 50.1 75.1

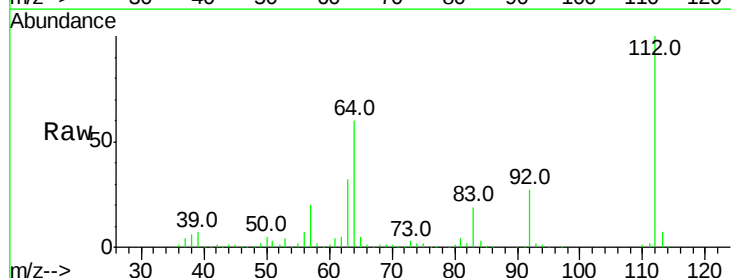


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

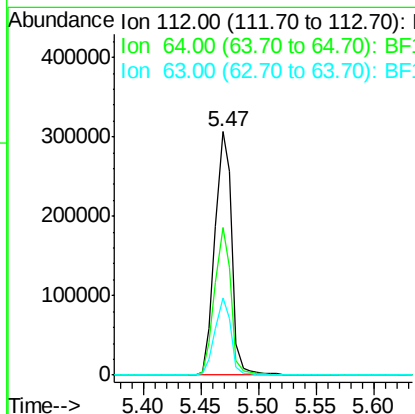
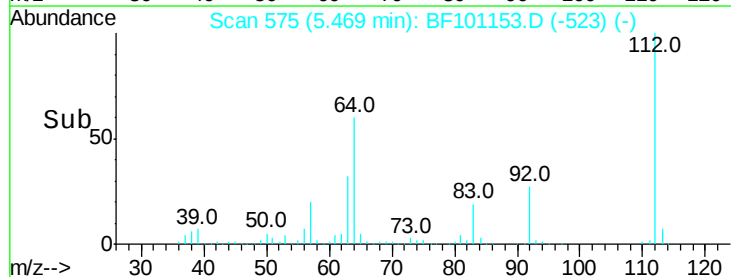


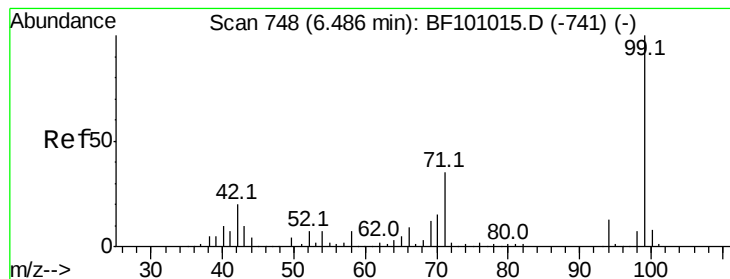
#5
 2-Fluorophenol
 Concen: 100.431 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

Tgt Ion:112 Resp: 312061
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 31.8 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: 98.624 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

Instrument :

BNA_F

ClientSampleId :

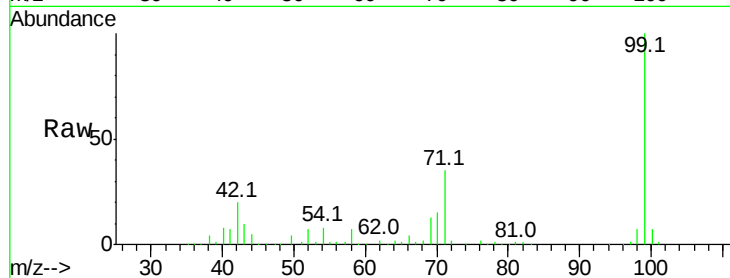
Tot Ion: 99 Resp: 372056

Ion Ratio Lower Upper

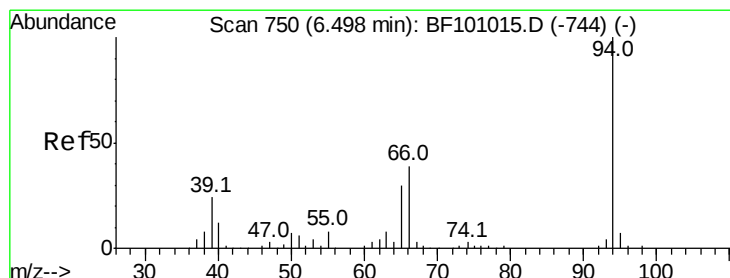
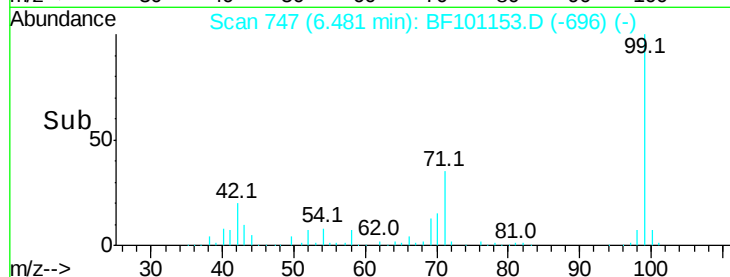
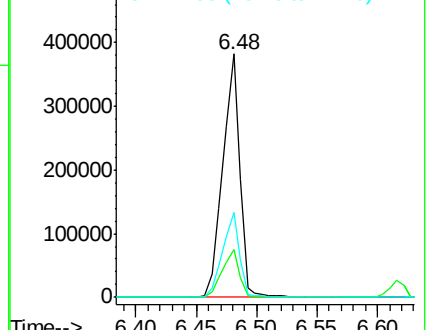
99 100

42 19.8 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: 2.081 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

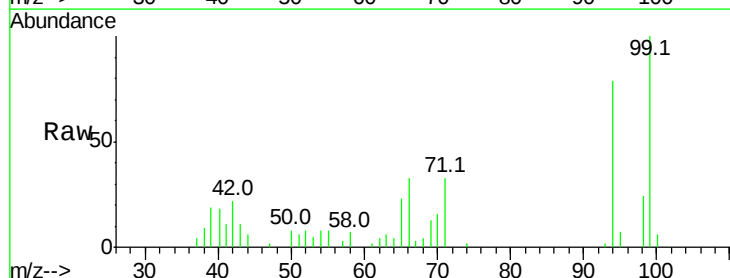
Tgt Ion: 94 Resp: 8730

Ion Ratio Lower Upper

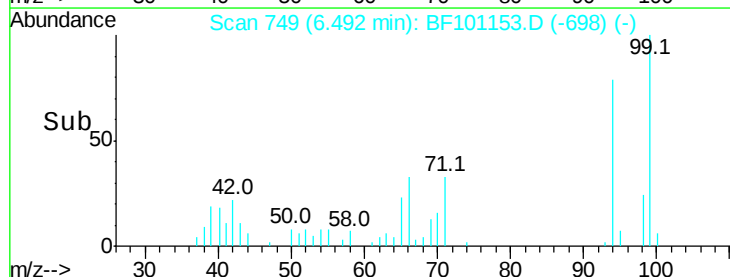
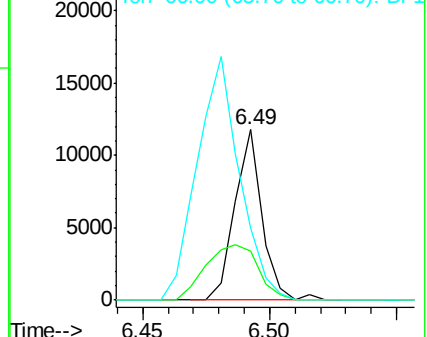
94 100

65 29.1 7.9 47.9

66 42.0 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

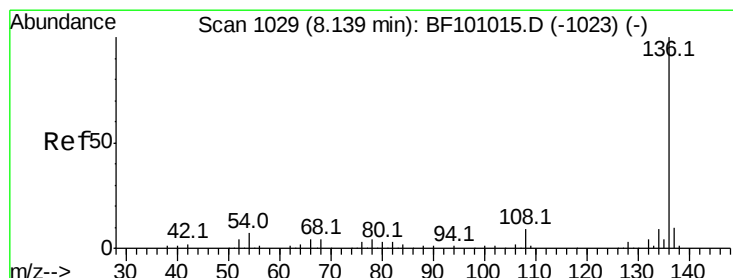
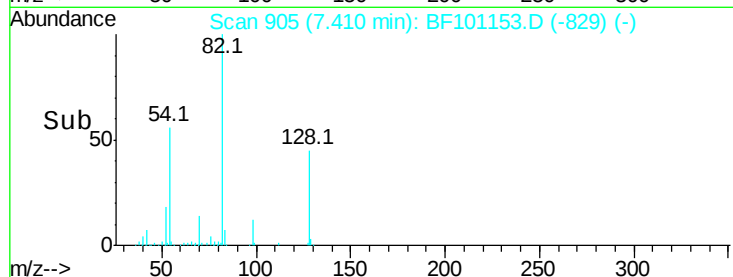
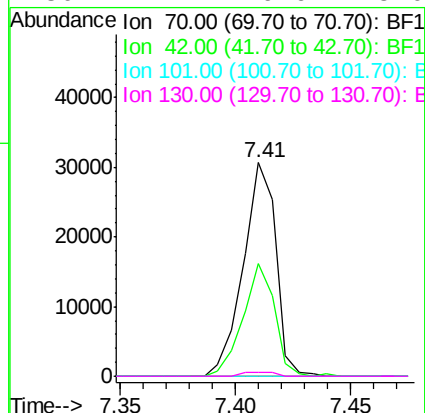
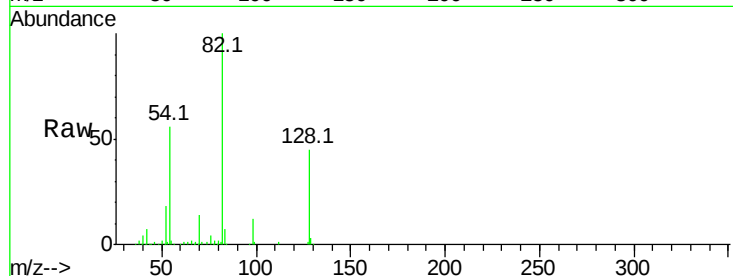




#19
n-Nitroso-di-n-propylamine
Concen: 11.922 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

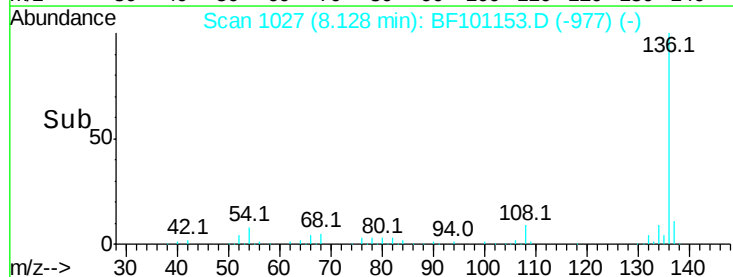
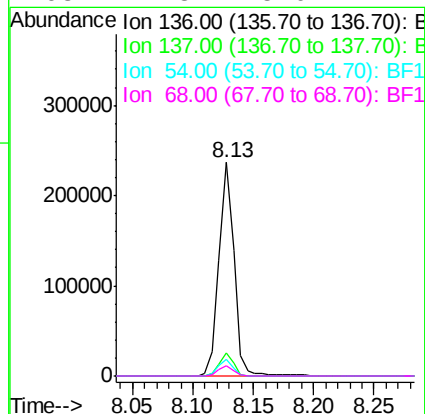
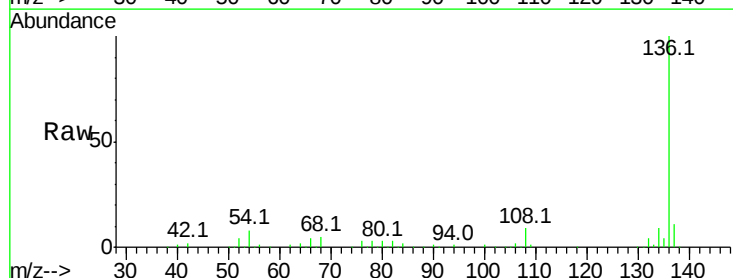
Instrument :
BNA_F
ClientSampled :

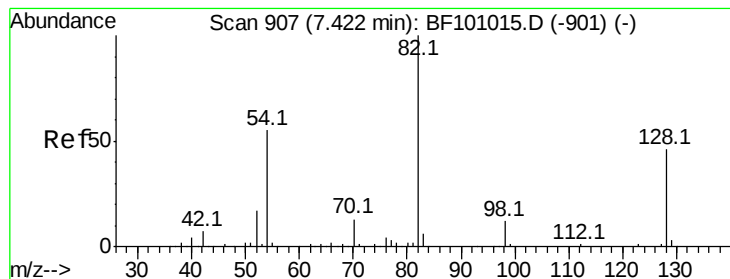
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	4.8	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 67.792 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

Instrument :

BNA_F

ClientSampled :

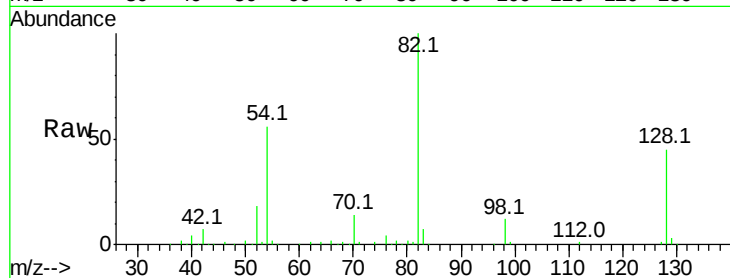
Tot Ion: 82 Resp: 231172

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

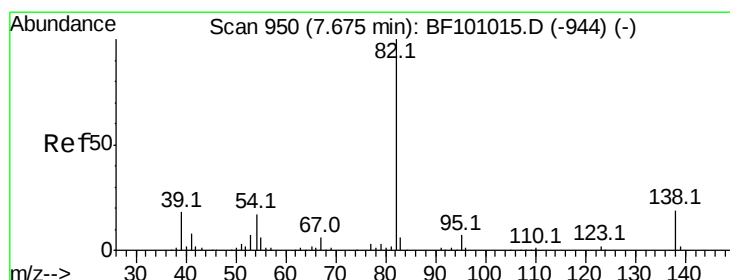
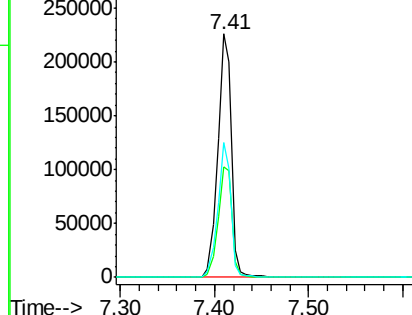
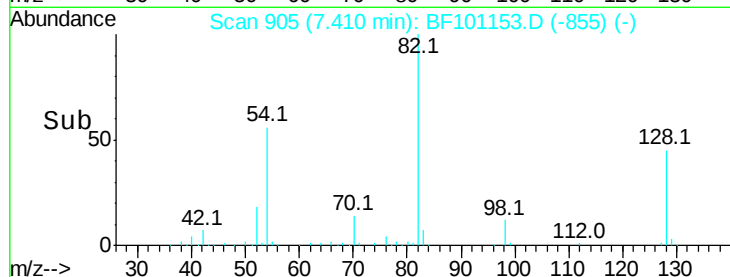
54 55.5 41.4 62.2



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: 39.688 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

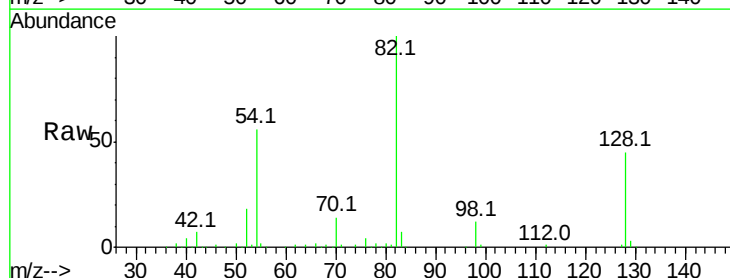
Tgt Ion: 82 Resp: 231170

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

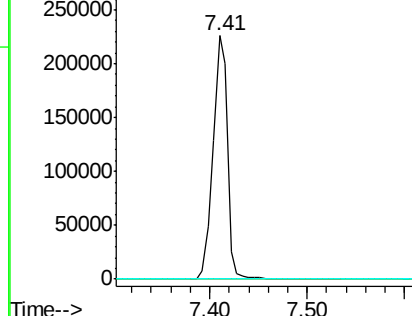
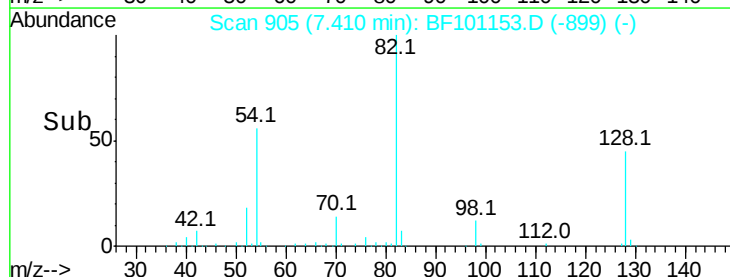
138 0.0 14.9 22.3#

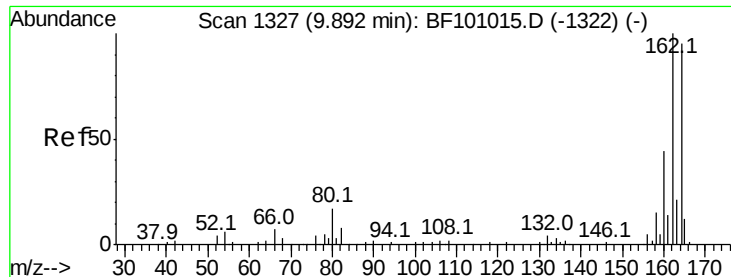


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF101153.D

Acq: 6 Dec 2017 5:07

Instrument :

BNA_F

ClientSampleId :

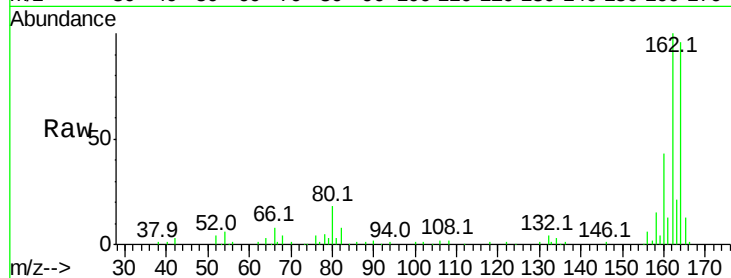
Tot Ion:164 Resp: 93020

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

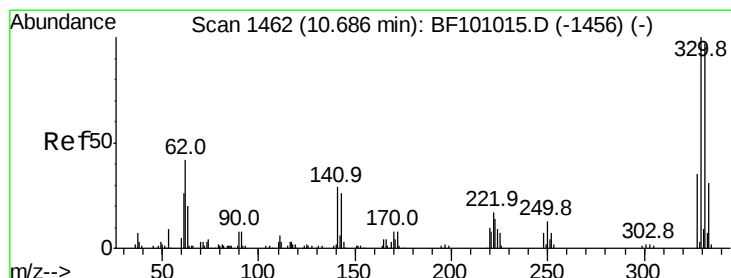
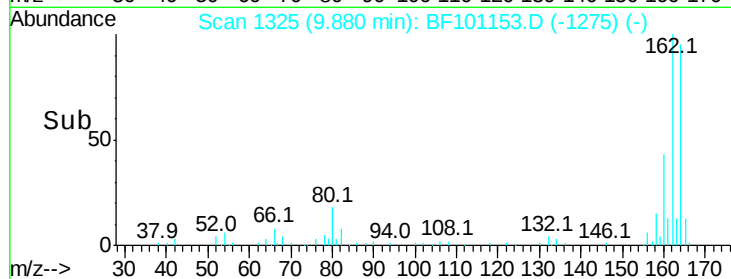
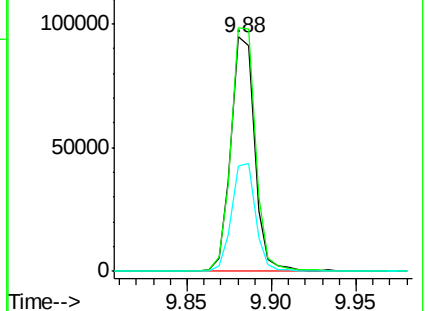
160 45.0 38.3 57.5



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: 89.113 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

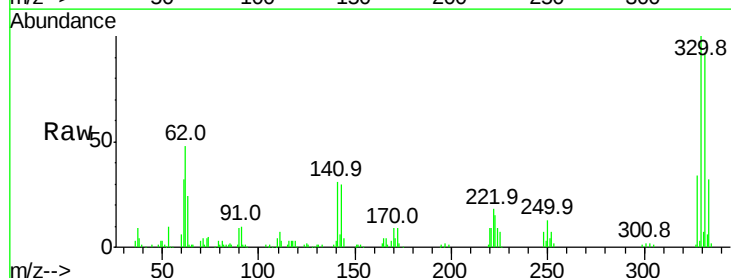
Tgt Ion:330 Resp: 99578

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

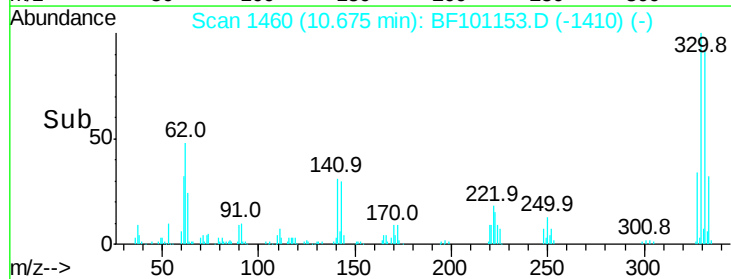
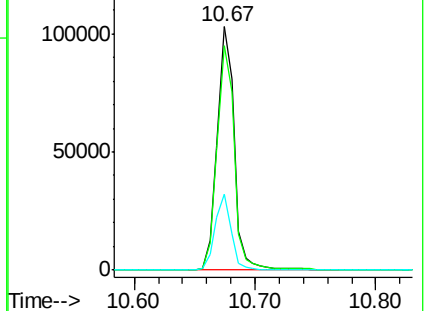
141 29.3 29.9 44.9#



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

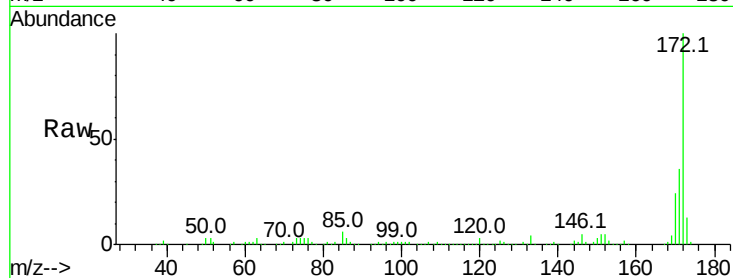




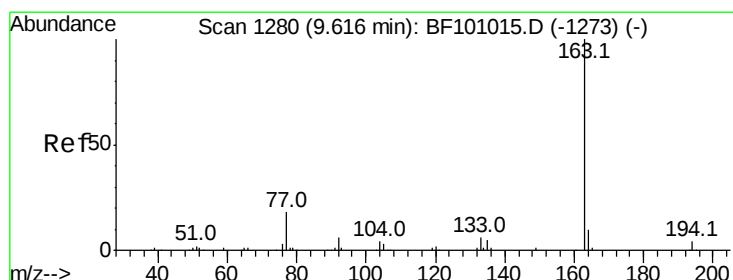
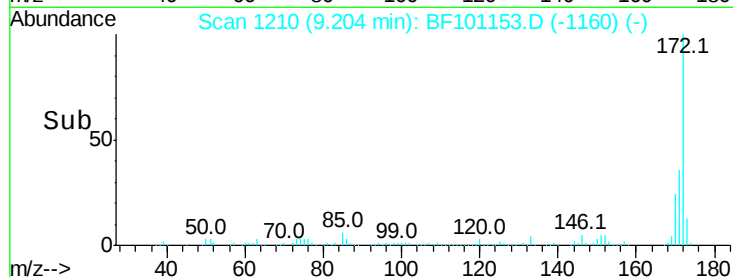
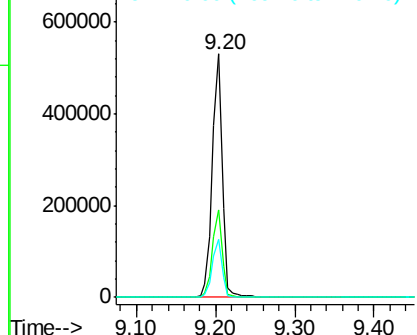
#44
2-Fluorobiphenyl
Concen: 68.844 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 468050
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4

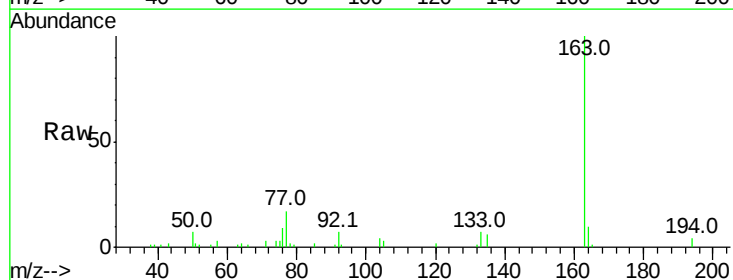


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

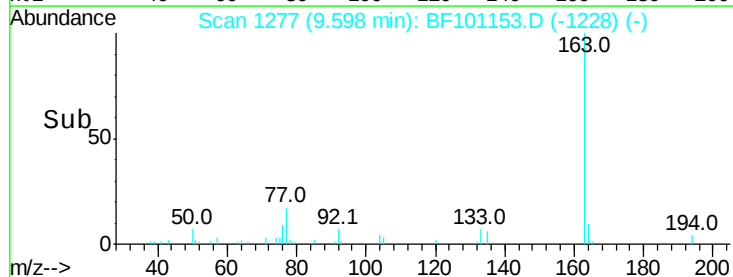
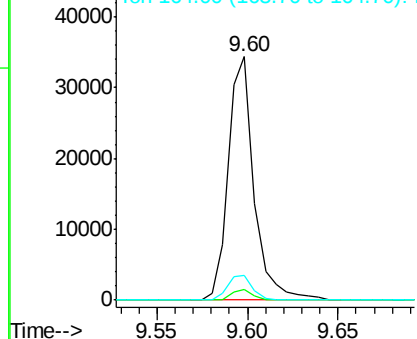


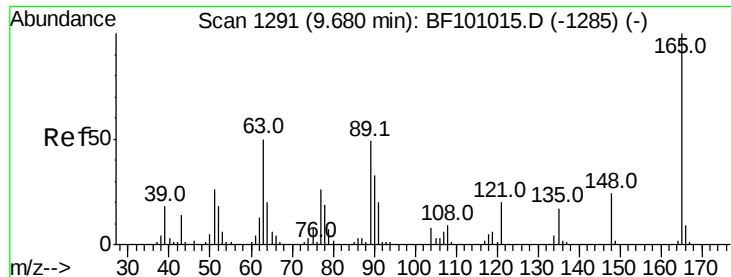
#49
Dimethylphthalate
Concen: 4.533 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:163 Resp: 34004
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 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

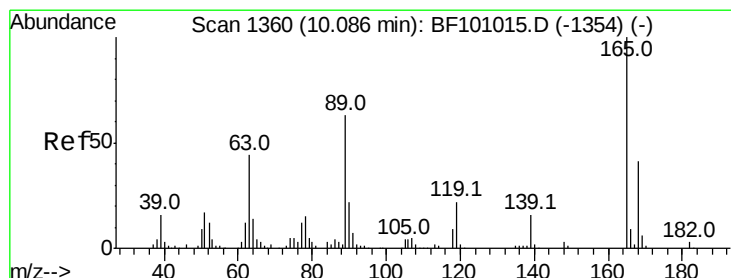
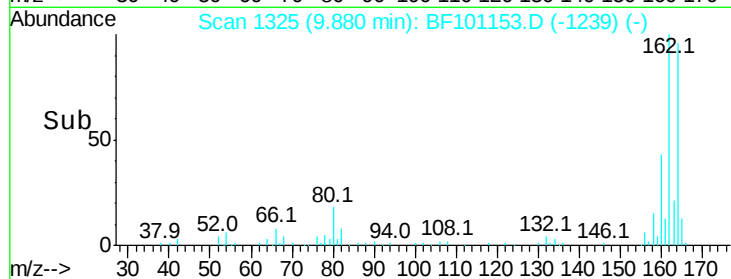
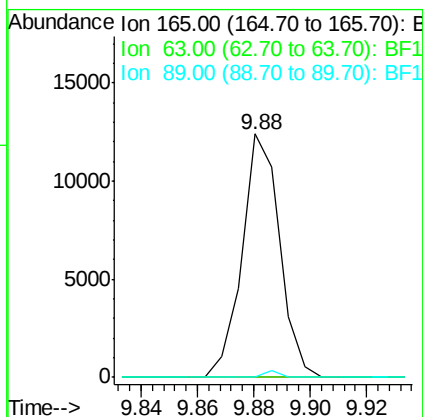
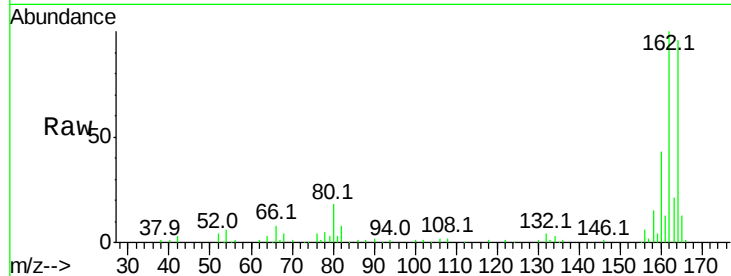




#50
 2,6-Dinitrotoluene
 Concen: 7.228 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

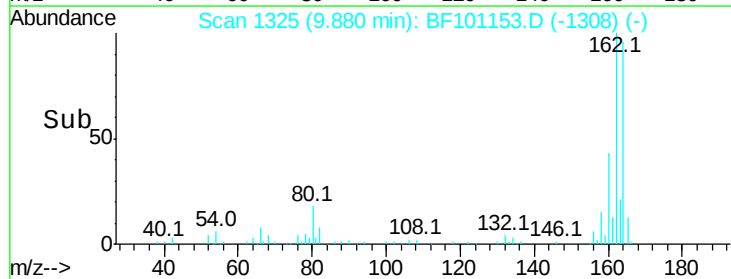
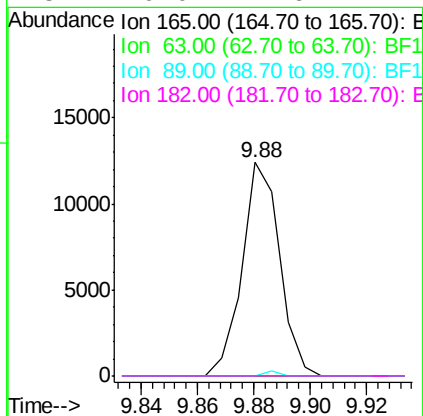
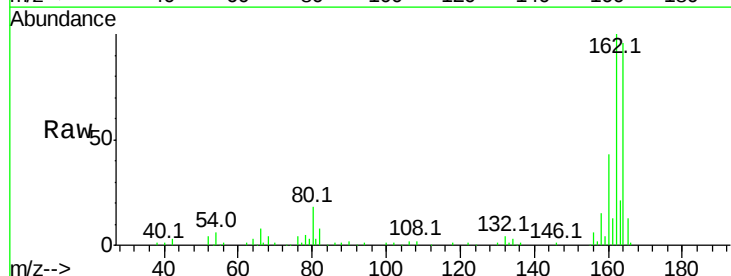
Instrument :
 BNA_F
 ClientSampleId :

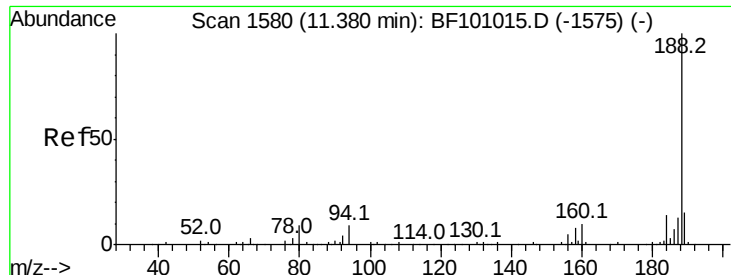
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.394 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

Tgt 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

Instrument :

BNA_F

ClientSampleId :

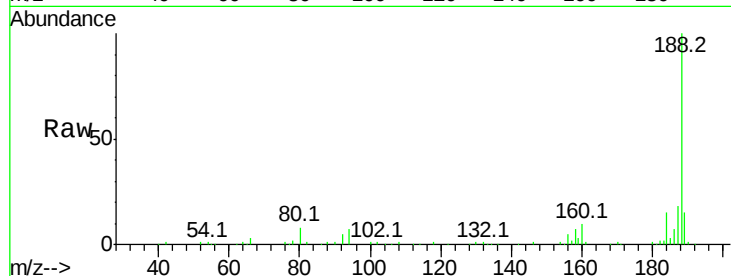
Tot Ion:188 Resp: 167724

Ion Ratio Lower Upper

188 100

94 7.1 8.5 12.7#

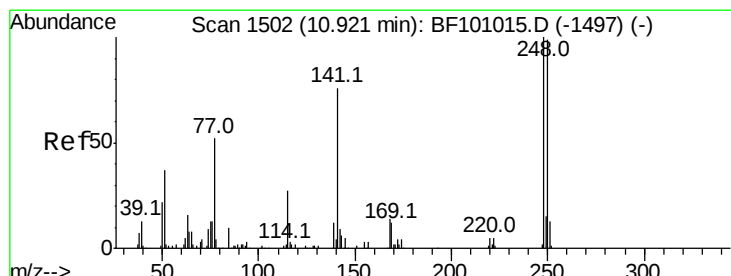
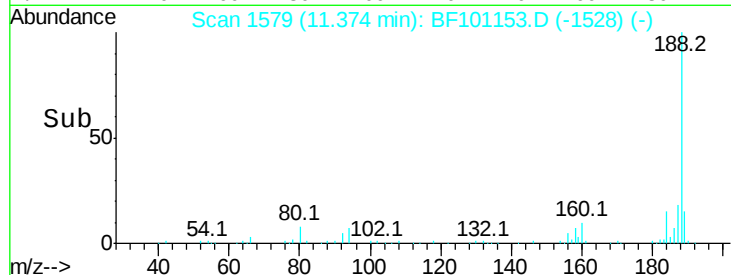
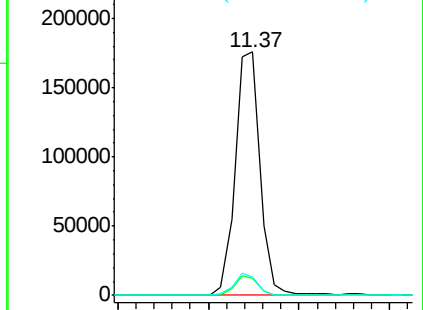
80 7.6 9.2 13.8#



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: 3.260 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF101153.D

Acq: 6 Dec 2017 5:07

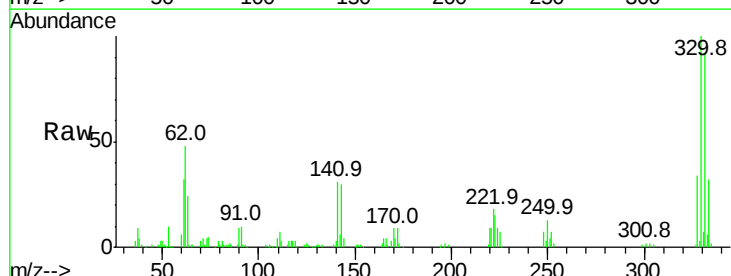
Tgt Ion:248 Resp: 6121

Ion Ratio Lower Upper

248 100

250 185.2 76.9 115.3#

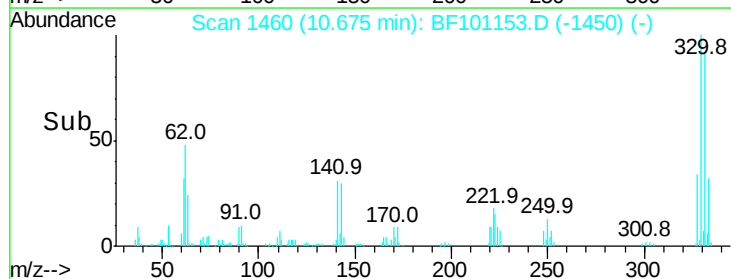
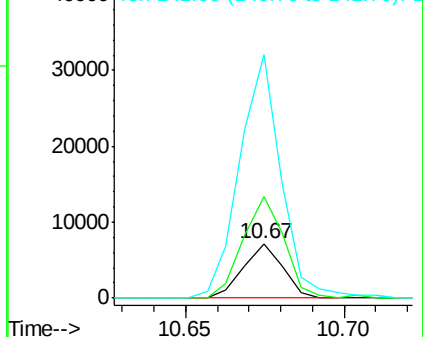
141 445.2 74.4 111.6#

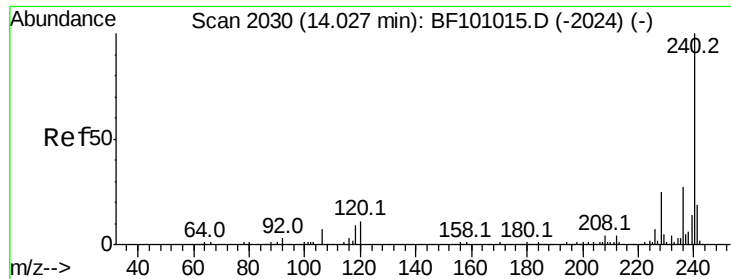


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

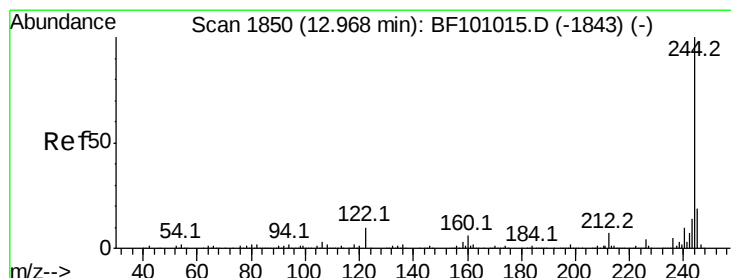
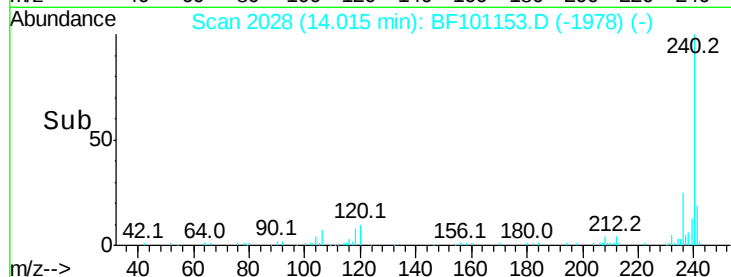
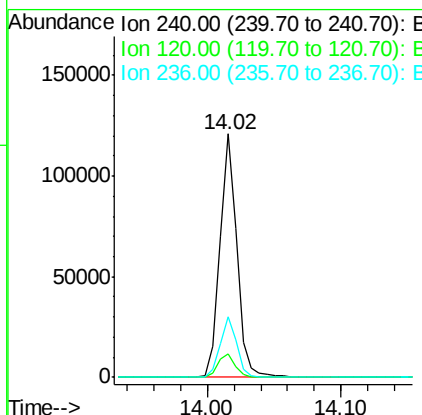
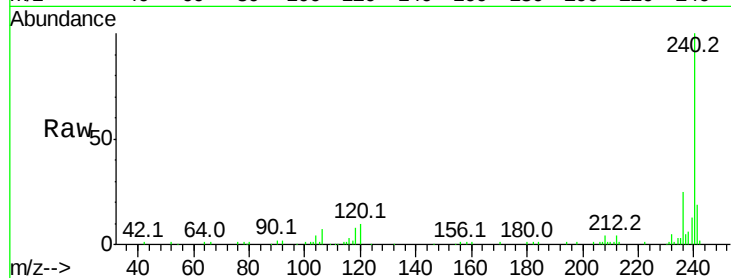




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

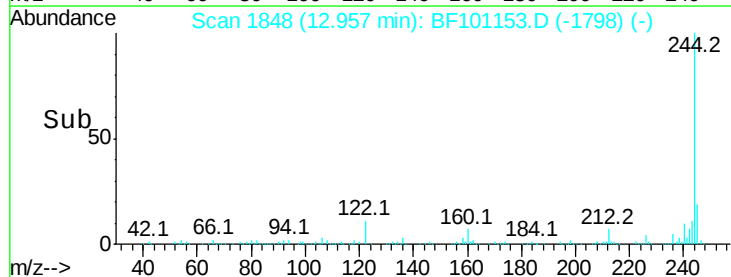
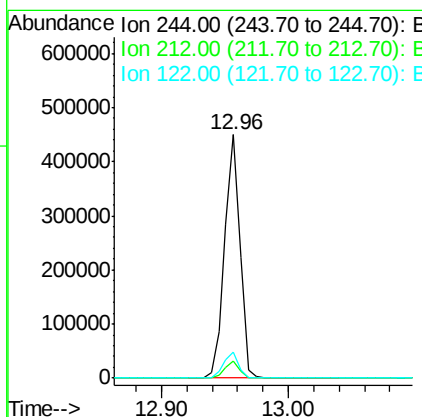
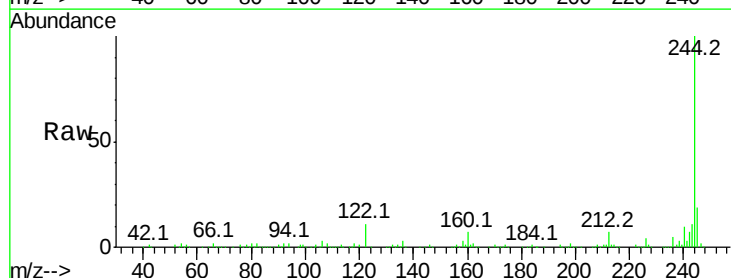
Instrument :
 BNA_F
 ClientSampleId :

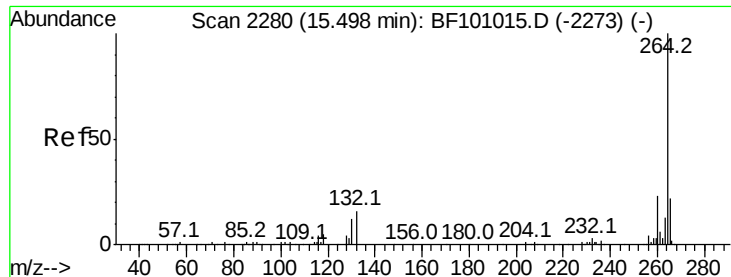
Tot Ion:240 Resp: 109549
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 24.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.136 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101153.D
 Acq: 6 Dec 2017 5:07

Tgt Ion:244 Resp: 381327
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 11.0 16.4#

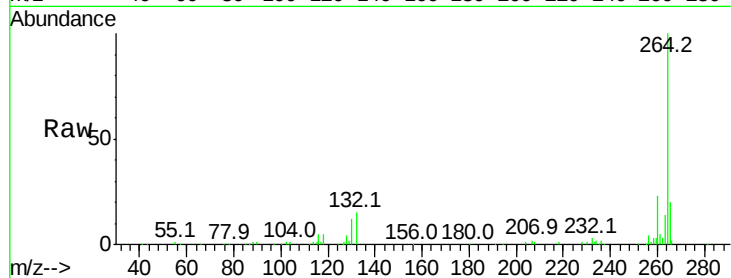




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 115514
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.1 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

