

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101206.D
 Acq On : 7 Dec 2017 15:42
 Operator : SJ/JU
 Sample : I6765-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:35:36 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

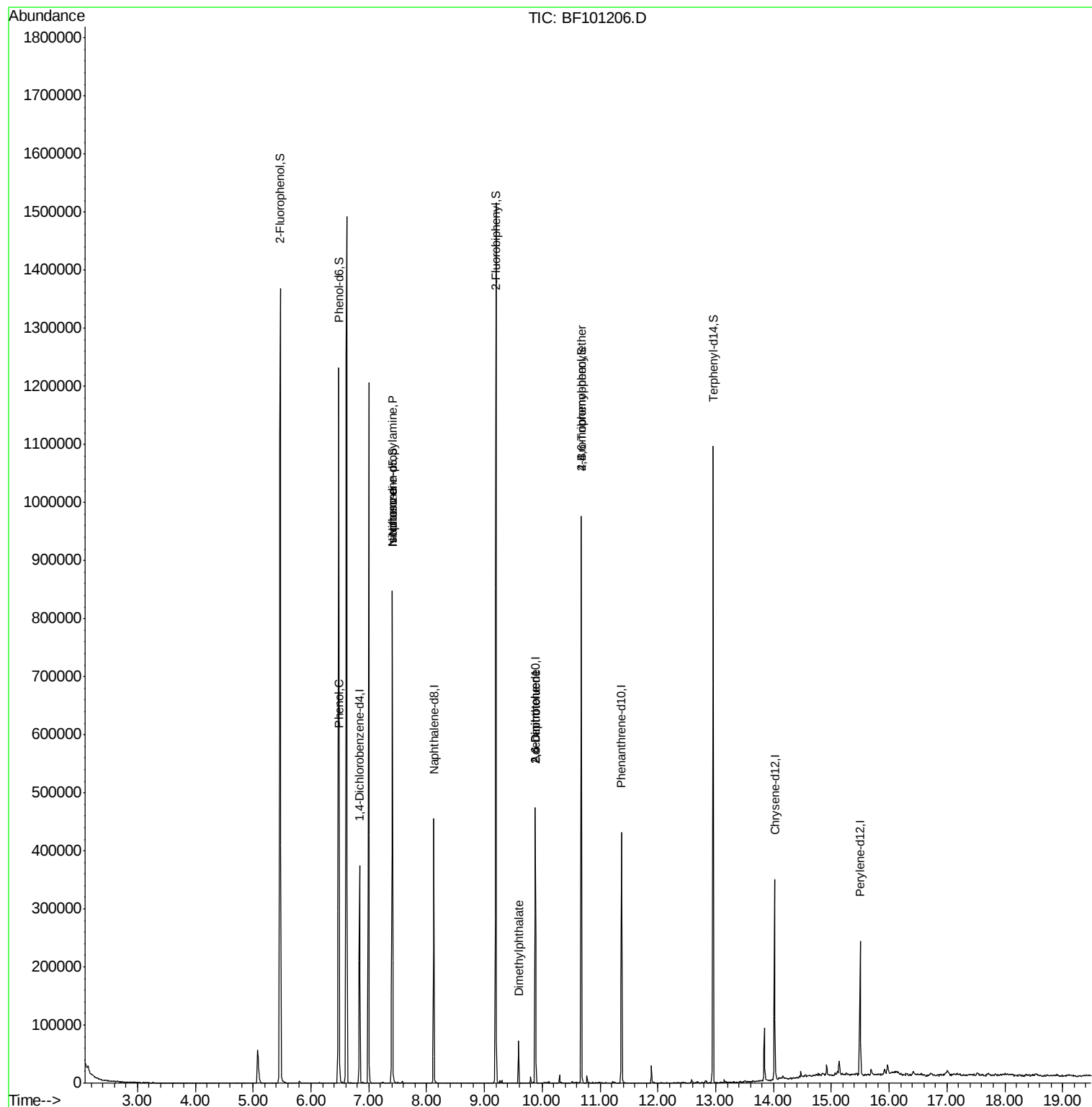
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	51259	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	201353	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	88858	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	154831	20.00	ng	0.00
75) Chrysene-d12	14.02	240	118434	20.00	ng	0.00
86) Perylene-d12	15.50	264	105811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	390076	125.75	ng	0.00
7) Phenol-d6	6.48	99	468722	124.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	283121	83.88	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	115751	108.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	488441	75.21	ng	-0.01
78) Terphenyl-d14	12.96	244	346666	64.02	ng	0.00
Target Compounds						
10) Phenol	6.49	94	21751	5.194	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	36626	14.440	ng	# 85
25) Isophorone	7.41	82	283119	49.105	ng	# 64
49) Dimethylphthalate	9.59	163	28712	4.007	ng	98
50) 2,6-Dinitrotoluene	9.88	165	11341	7.514	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11341	5.607	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	7226	4.169	ng	# 1

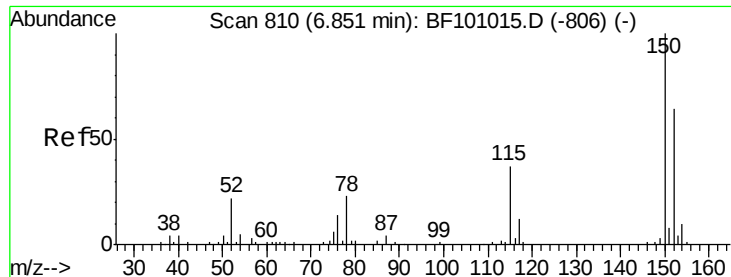
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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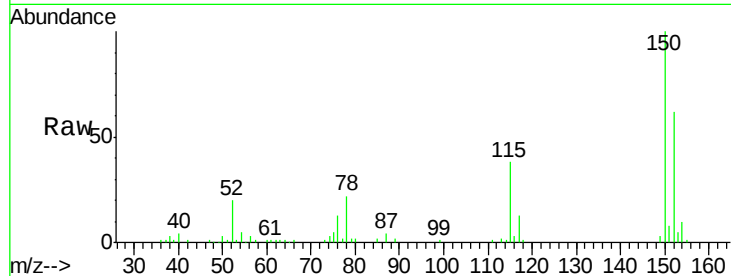


#1

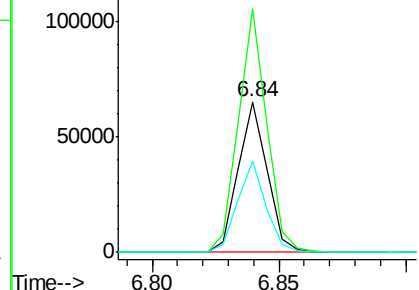
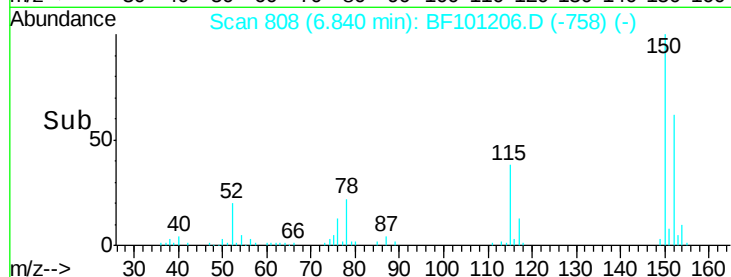
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 51259
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 60.9 50.1 75.1



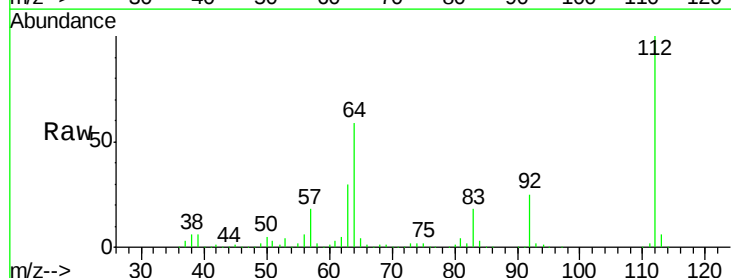
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



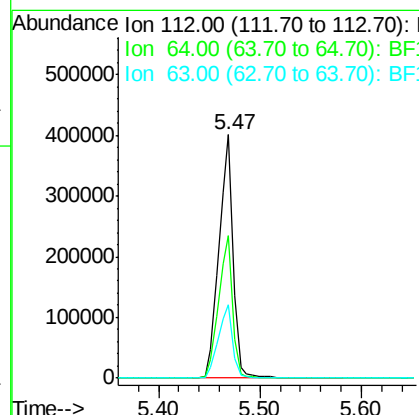
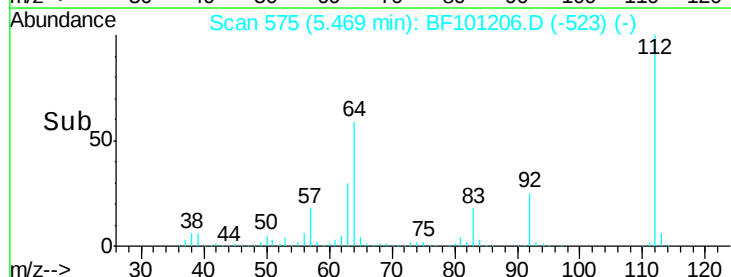
#5

2-Fluorophenol
Concen: 125.749 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:112 Resp: 390076
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 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: 124.457 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

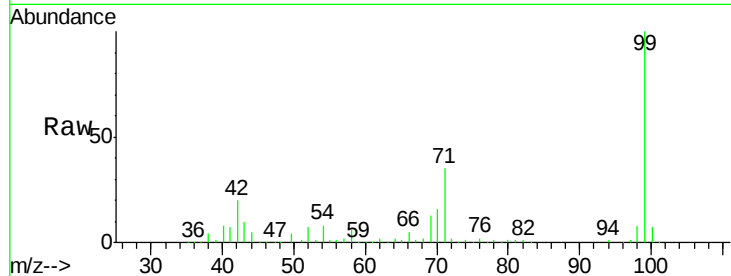
Tot Ion: 99 Resp: 468722

Ion Ratio Lower Upper

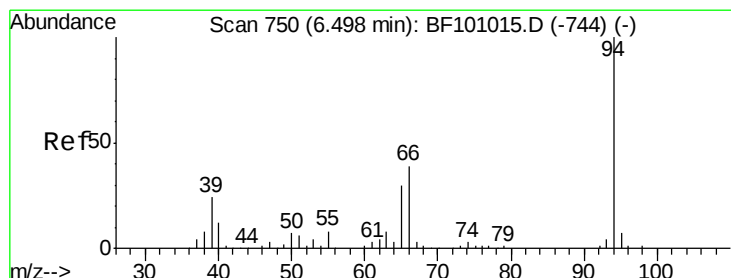
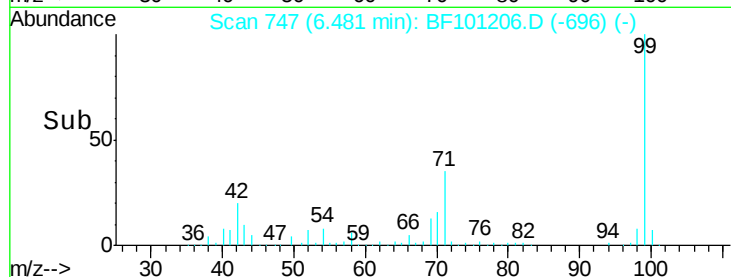
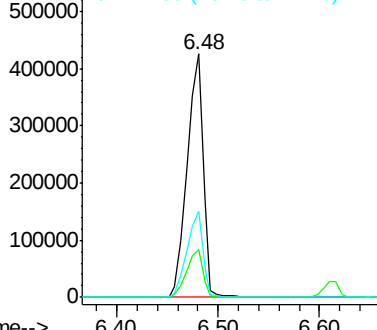
99 100

42 19.9 14.5 21.7

71 35.4 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: 5.194 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

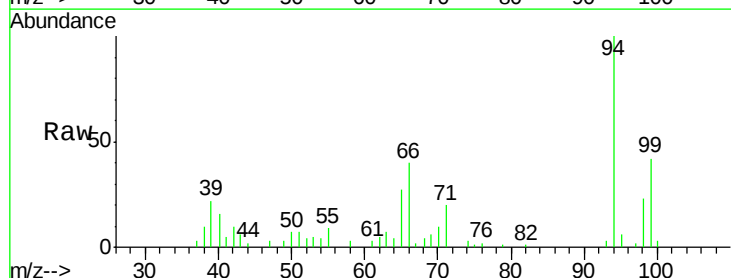
Tgt Ion: 94 Resp: 21751

Ion Ratio Lower Upper

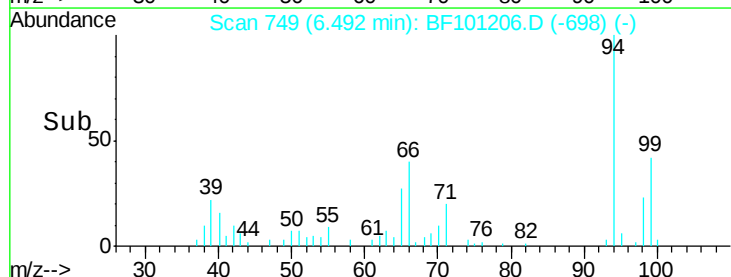
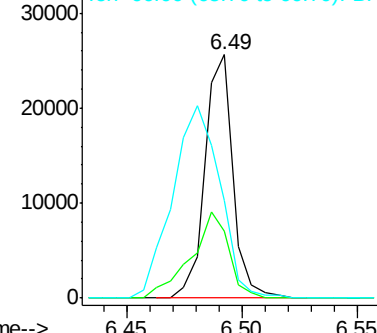
94 100

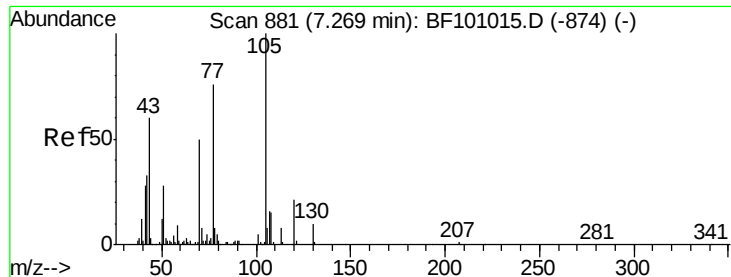
65 27.5 7.9 47.9

66 40.1 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

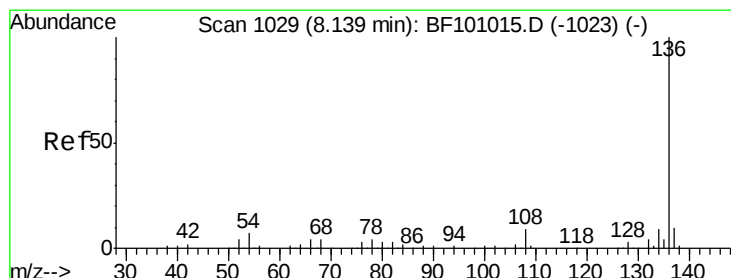
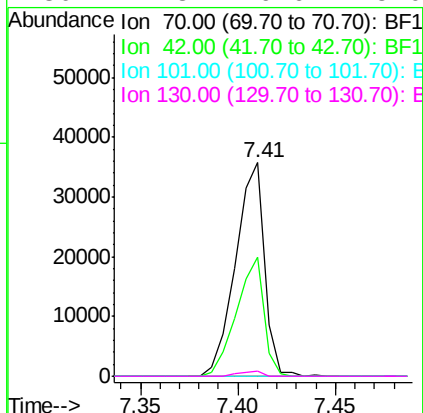
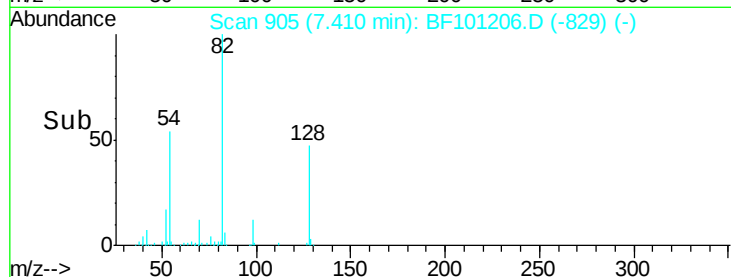
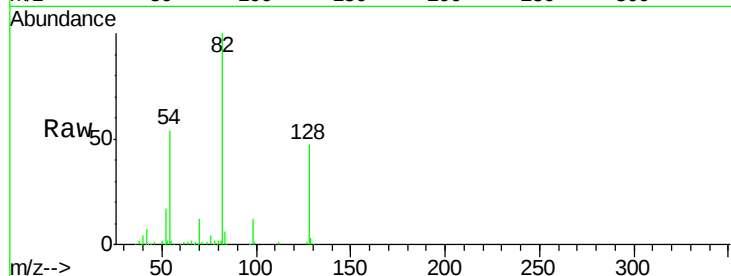




#19
n-Nitroso-di-n-propylamine
Concen: 14.440 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

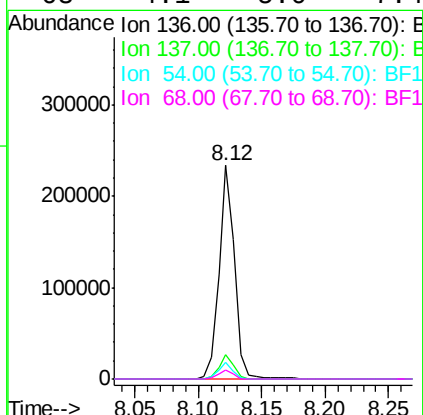
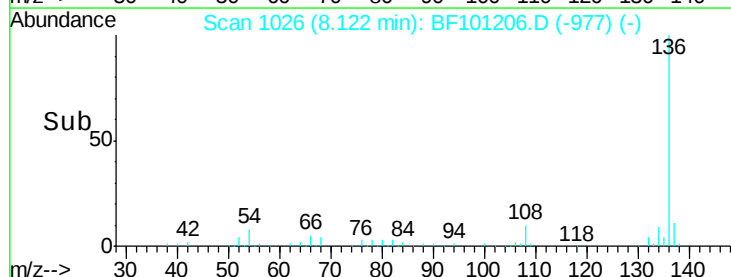
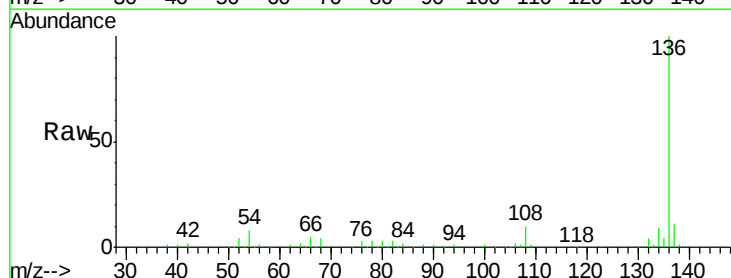
Instrument :
BNA_F
ClientSampled :

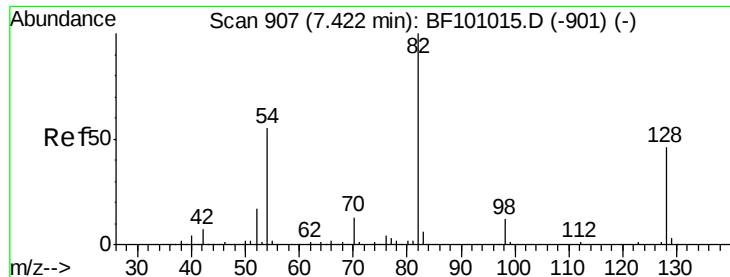
Tot Ion: 70 Resp: 36626
Ion Ratio Lower Upper
70 100
42 56.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion: 136 Resp: 201353
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.6 9.8
68 4.1 5.0 7.4#

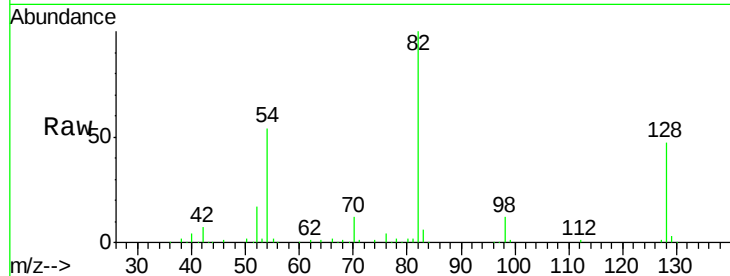




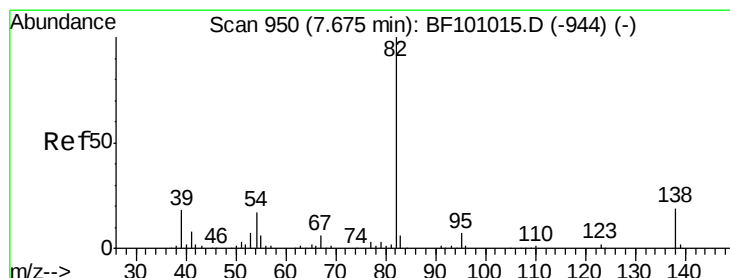
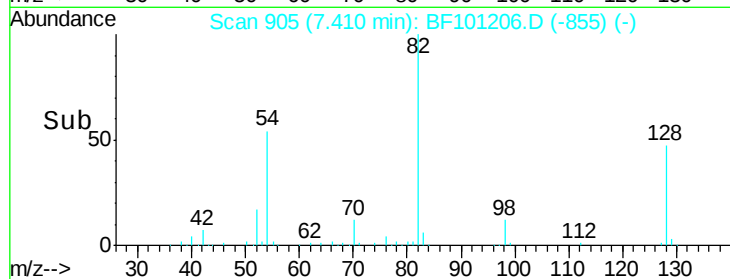
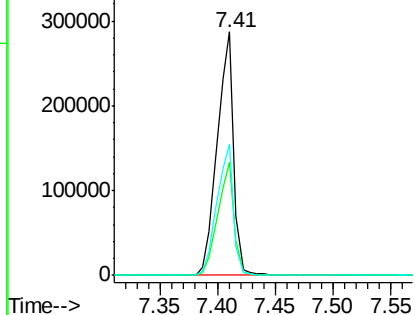
#23
Nitrobenzene-d5
Concen: 83.878 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	283121
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.1	54.1
54	53.6	41.4	62.2

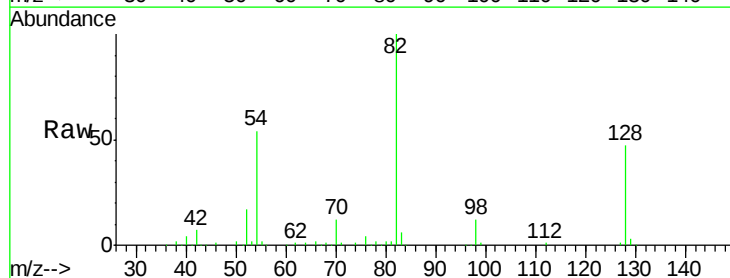


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

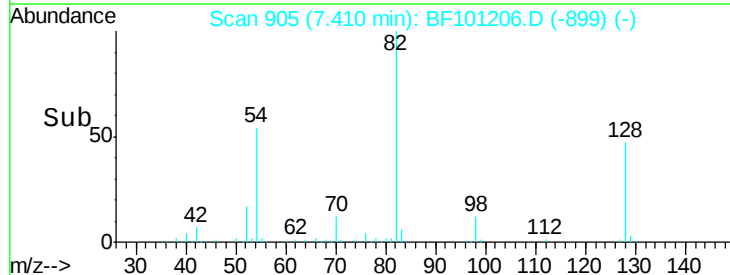
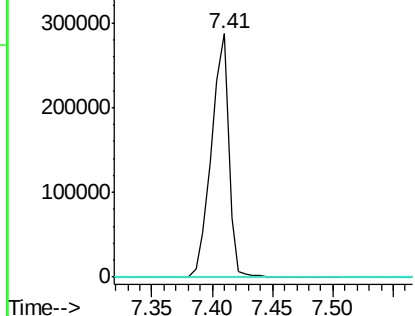


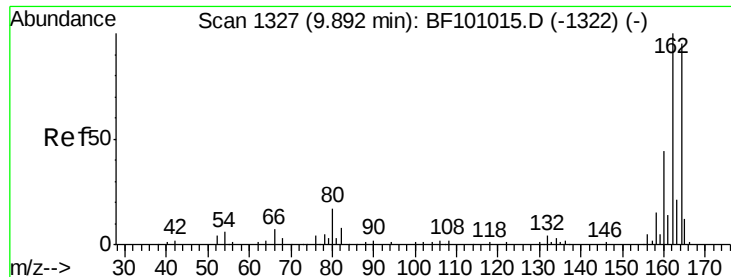
#25
Isophorone
Concen: 49.105 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion	82	Resp	283119
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: BF101206.D

Acq: 7 Dec 2017 15:42

Instrument :

BNA_F

ClientSampleId :

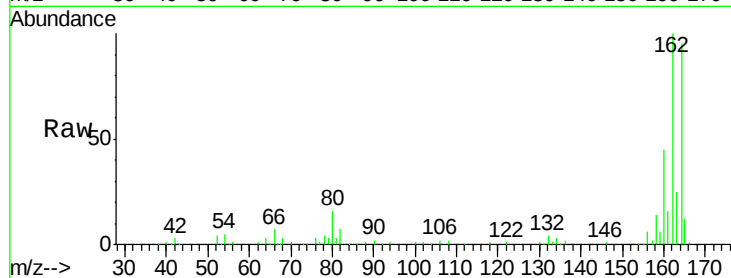
Tot Ion:164 Resp: 88858

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

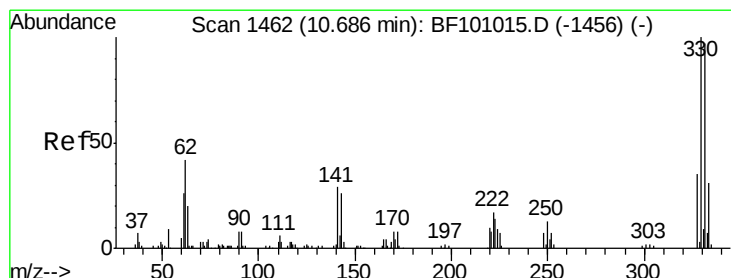
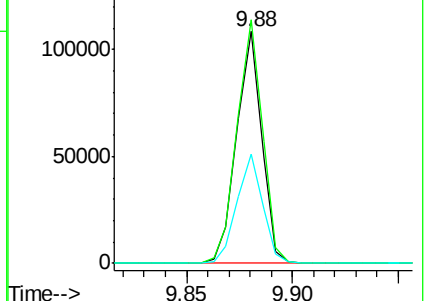
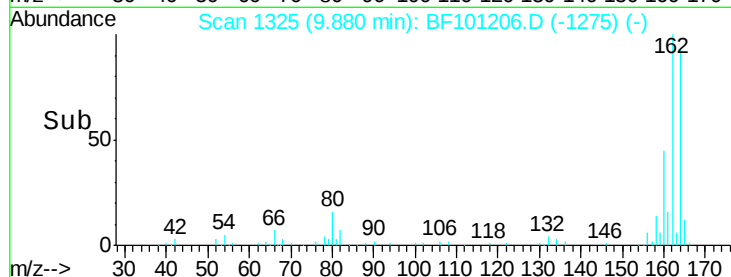
160 46.9 38.3 57.5



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: 108.438 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101206.D

Acq: 7 Dec 2017 15:42

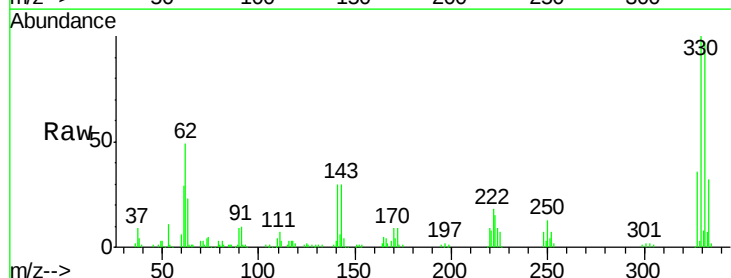
Tgt Ion:330 Resp: 115751

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

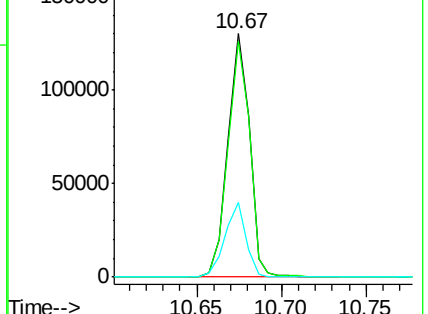
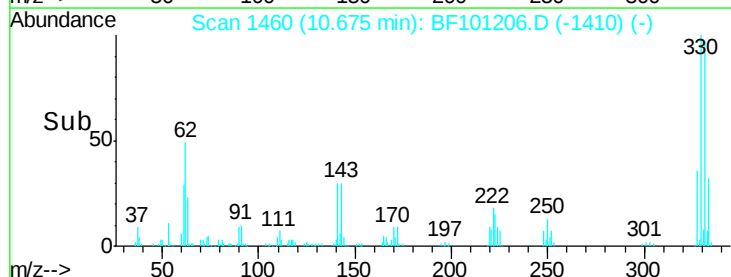
141 29.7 29.9 44.9#

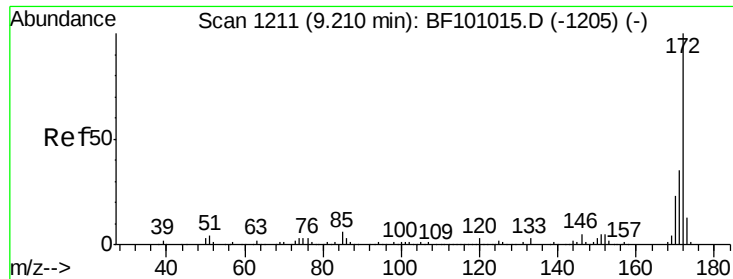


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

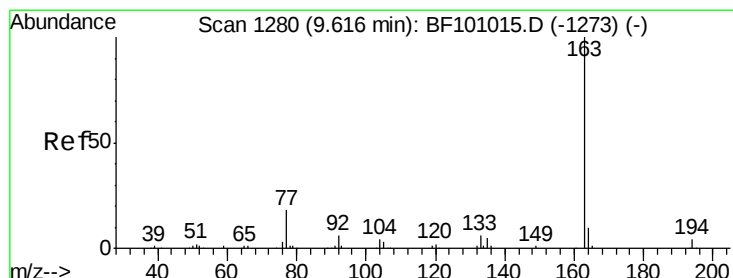
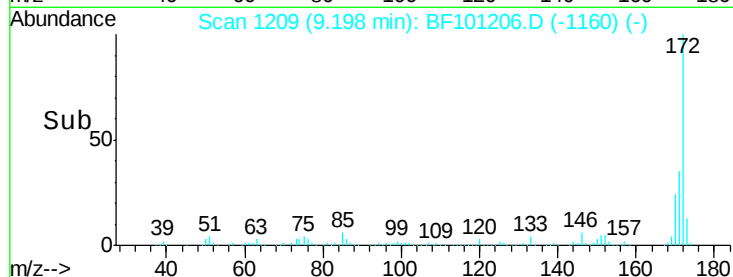
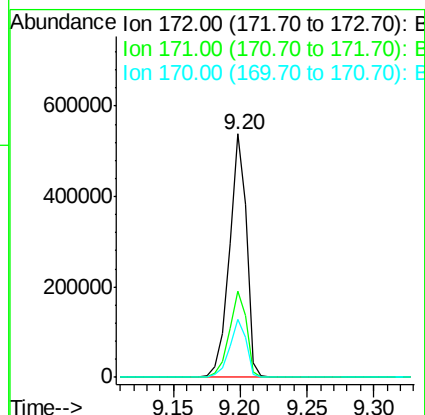
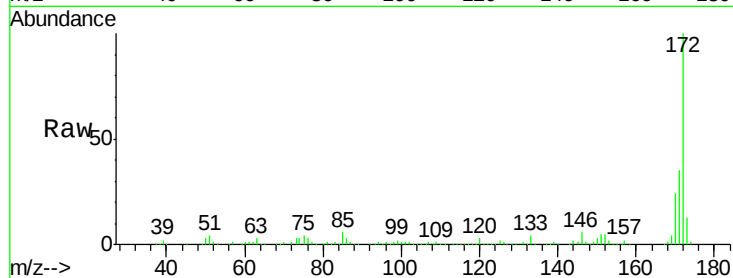




#44
2-Fluorobiphenyl
Concen: 75.208 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

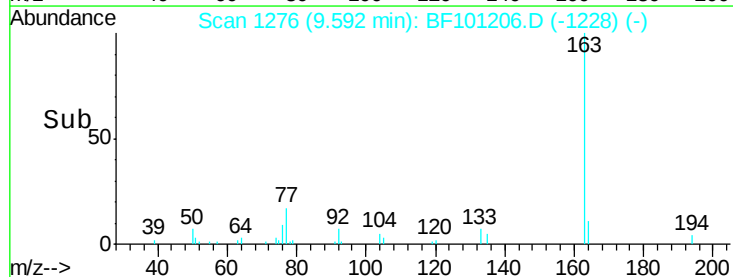
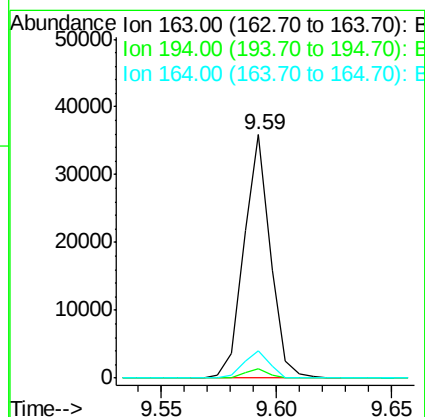
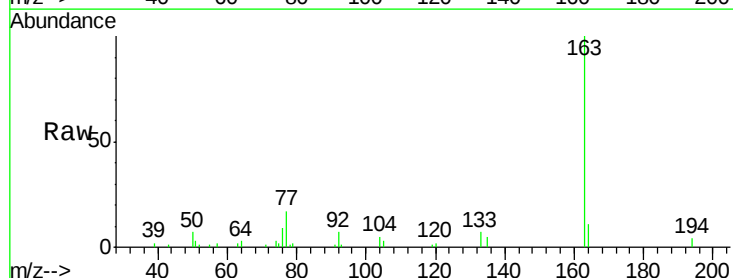
Instrument :
BNA_F
ClientSampleId :

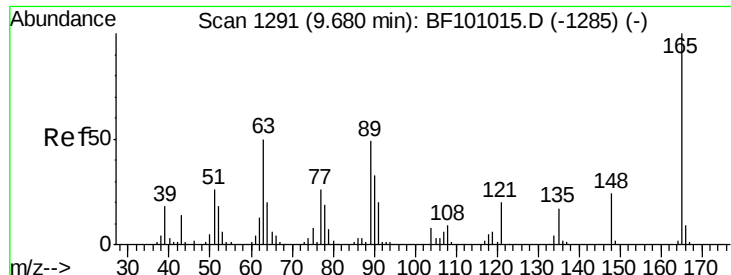
Tot Ion:172 Resp: 488441
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 4.007 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:163 Resp: 28712
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 11.0 8.2 12.2

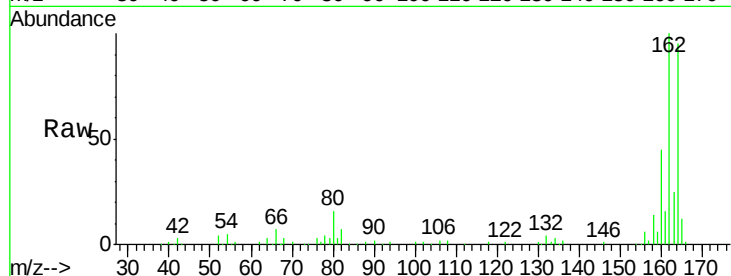




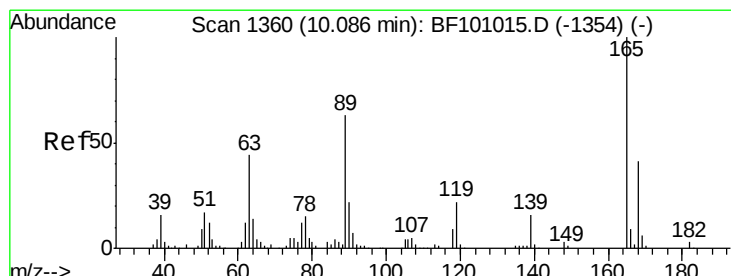
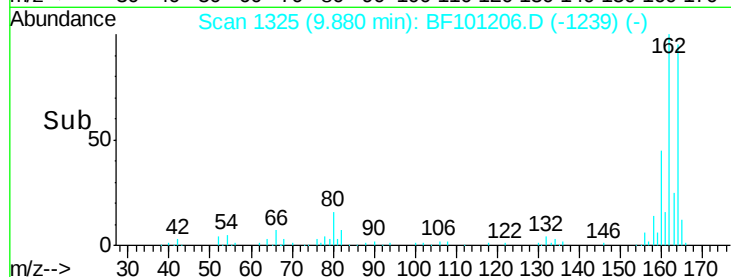
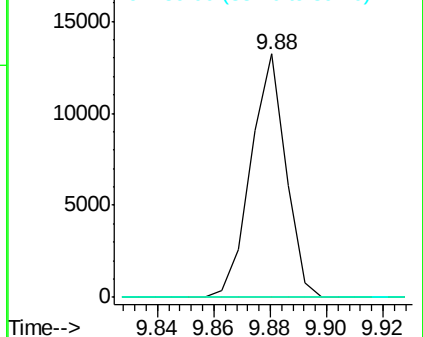
#50
 2,6-Dinitrotoluene
 Concen: 7.514 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101206.D
 Acq: 7 Dec 2017 15:42

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#



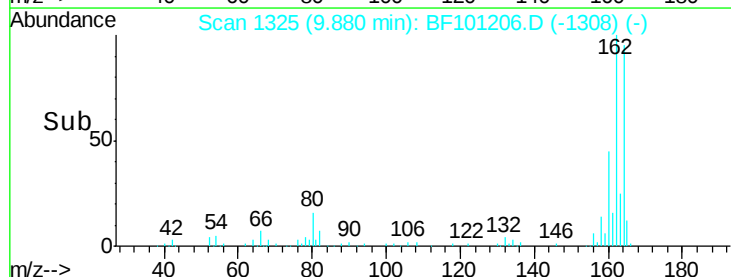
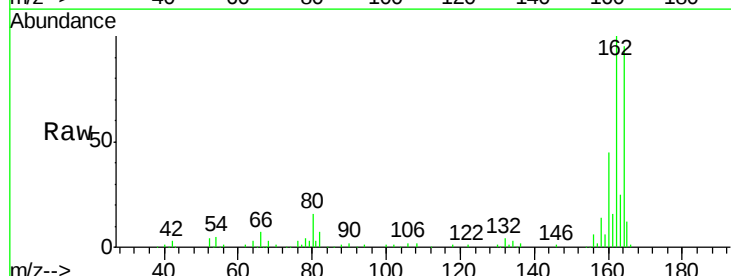
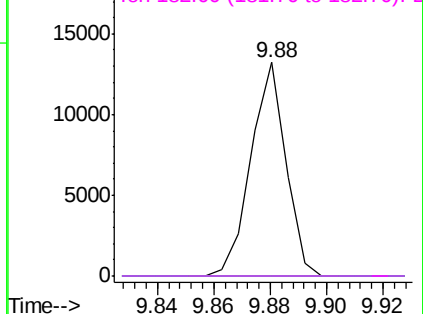
Abundance Ion 165.00 (164.70 to 165.70): E

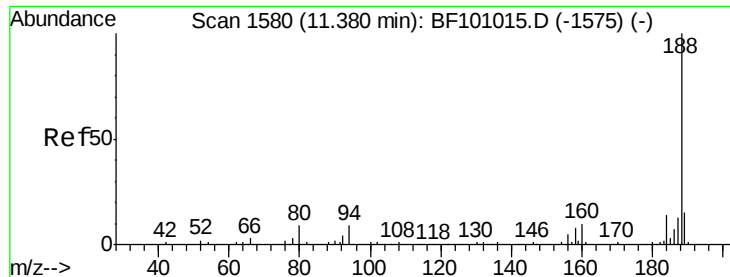


#56
 2,4-Dinitrotoluene
 Concen: 5.607 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101206.D
 Acq: 7 Dec 2017 15:42

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#

Abundance Ion 165.00 (164.70 to 165.70): E

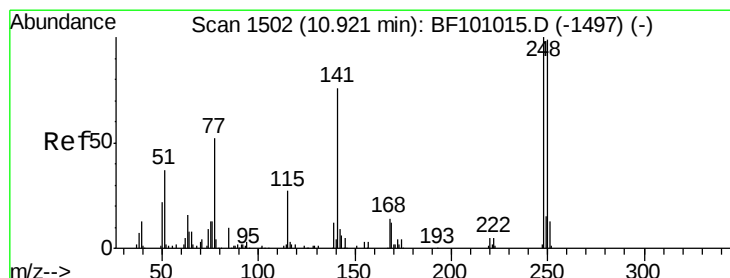
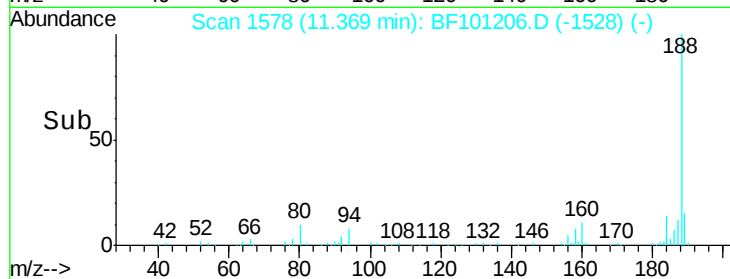
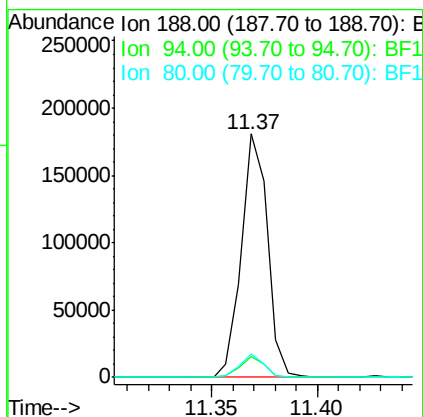
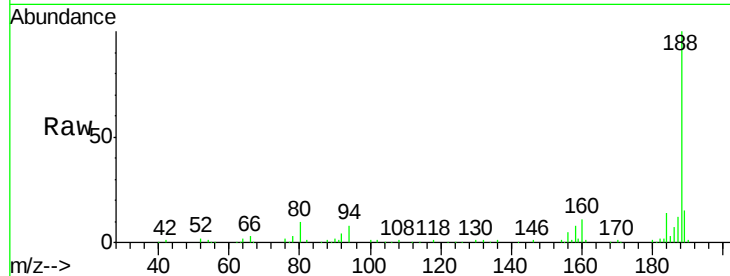




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

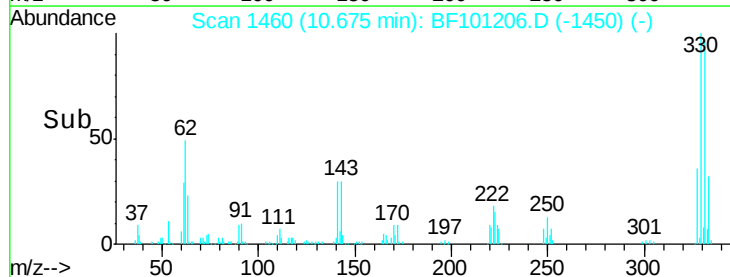
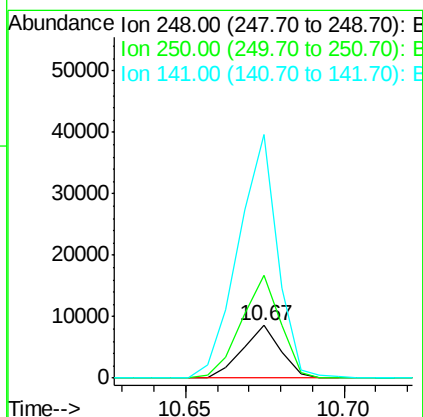
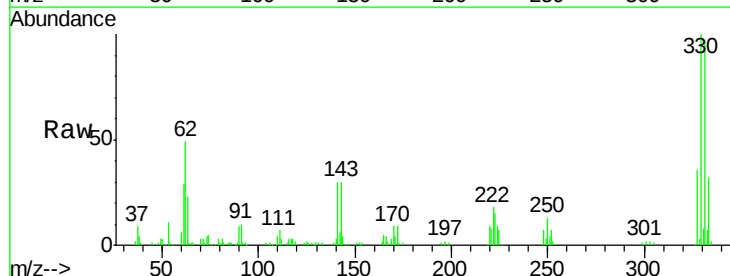
Instrument :
BNA_F
ClientSampled :

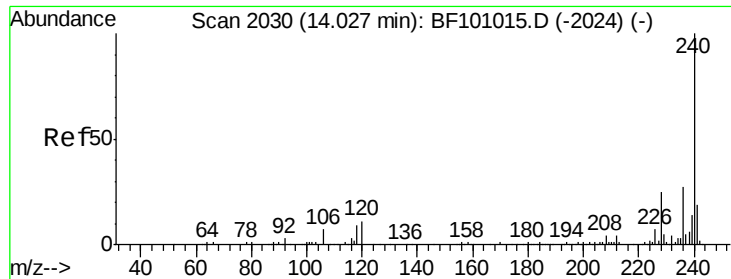
Tot Ion:188 Resp: 154831
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.169 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:248 Resp: 7226
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 464.7 74.4 111.6#

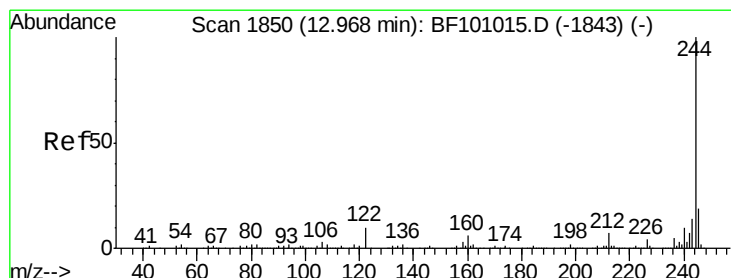
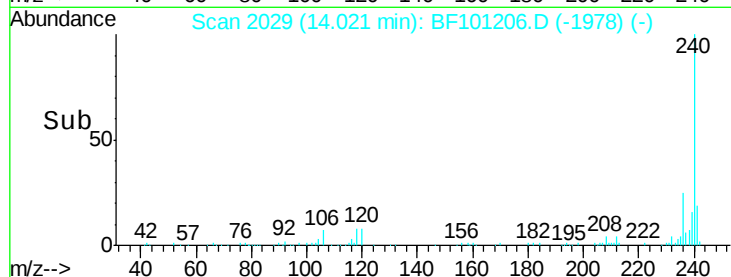
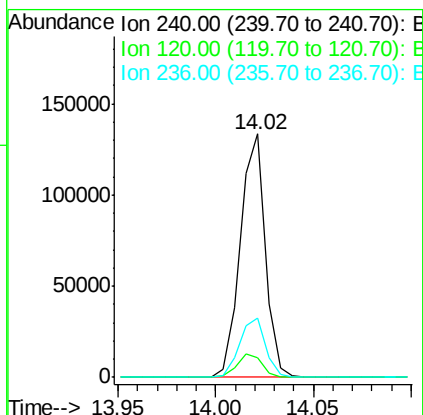
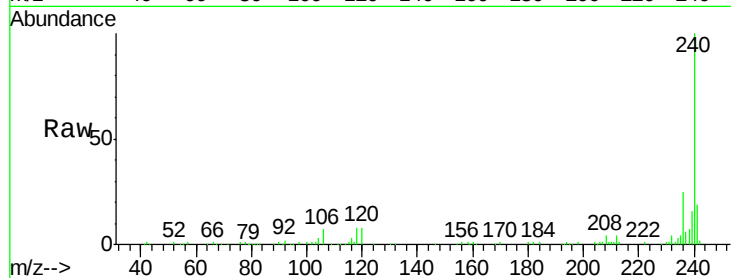




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

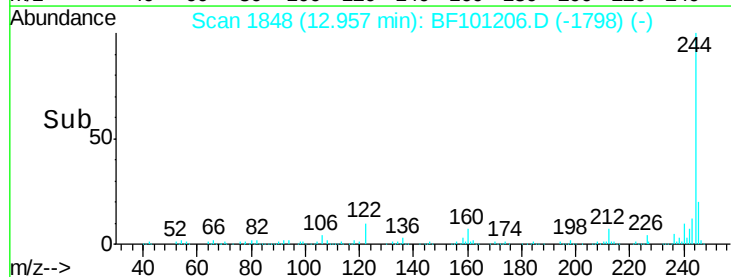
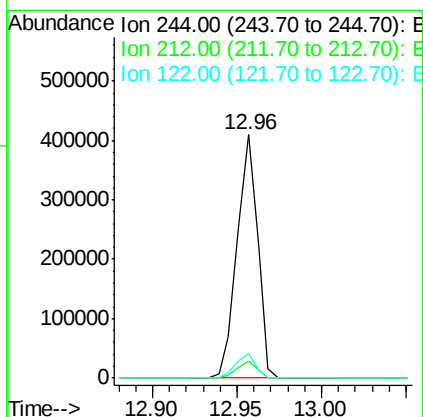
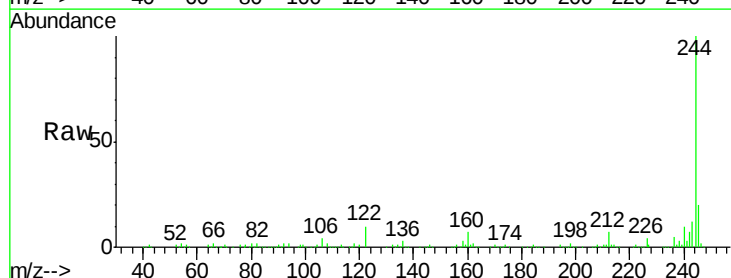
Instrument :
BNA_F
ClientSampleId :

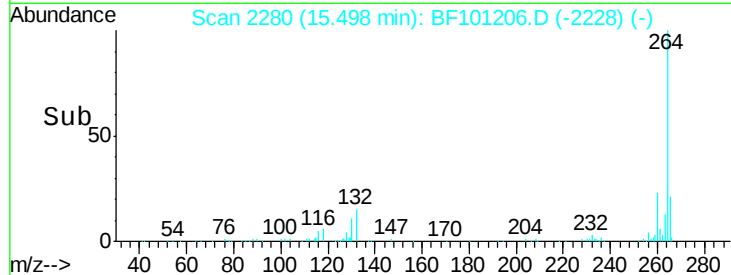
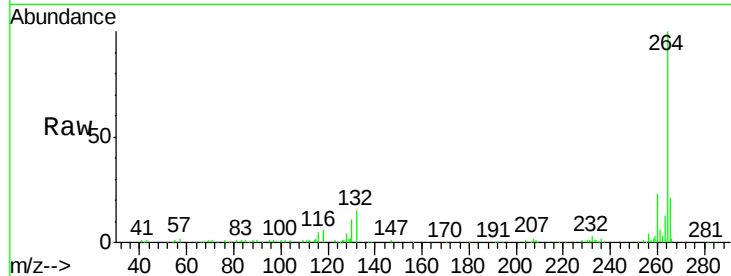
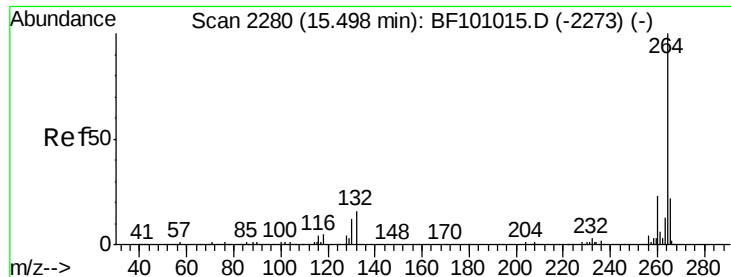
Tot Ion:240 Resp: 118434
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 24.6 20.7 31.1



#78
Terphenyl-d14
Concen: 64.023 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101206.D
Acq: 7 Dec 2017 15:42

Tgt Ion:244 Resp: 346666
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.3 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101206.D
 Acq: 7 Dec 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	105811
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.2 28.8
265	20.8	17.5 26.3

