

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101127.D
 Acq On : 5 Dec 2017 16:33
 Operator : SJ/JU
 Sample : I6734-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 16:59:50 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

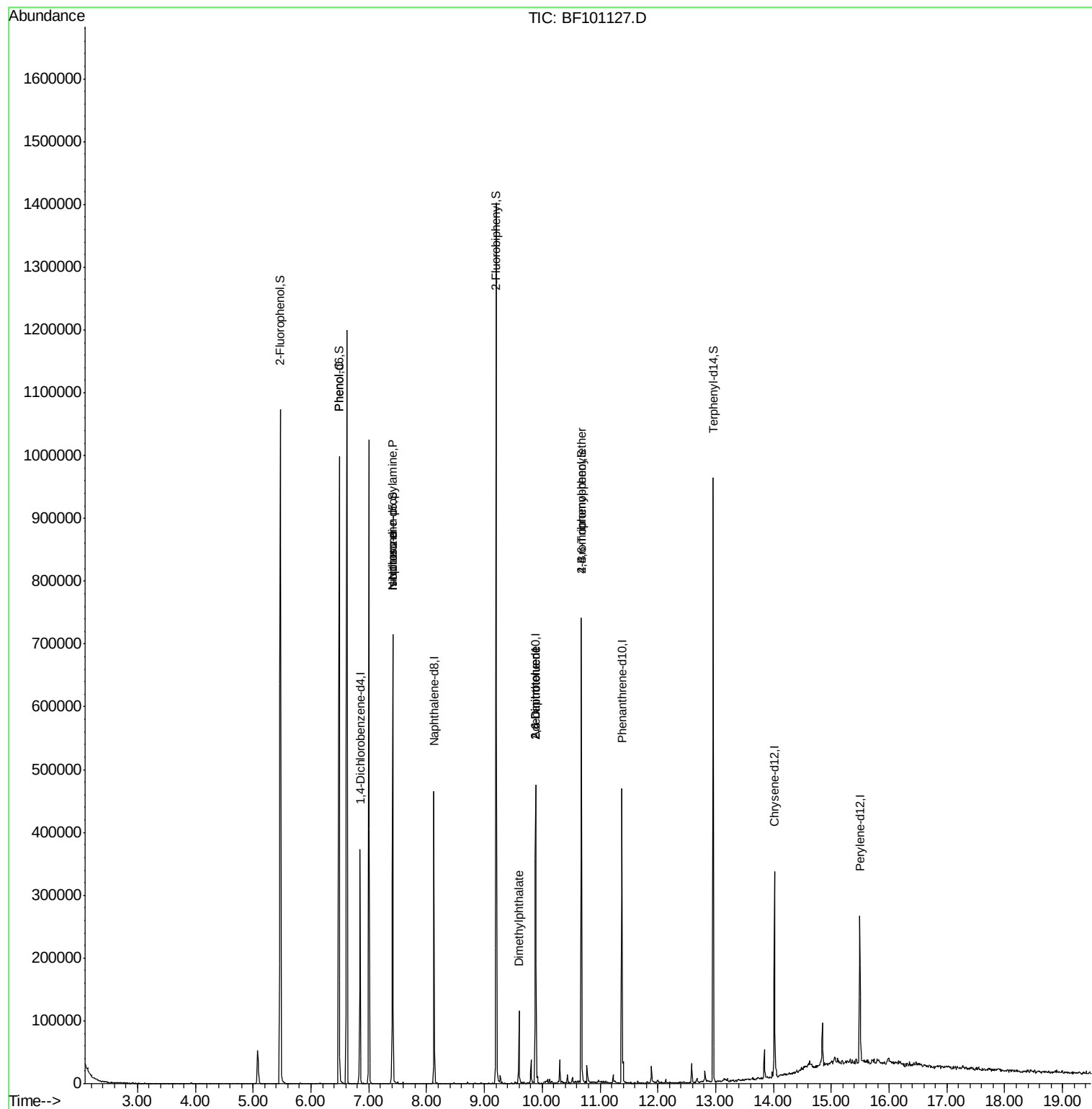
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53151	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	201750	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90465	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	161661	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109651	20.00	ng	0.00
86) Perylene-d12	15.49	264	112001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	310636	96.58	ng	0.00
7) Phenol-d6	6.49	99	378725	96.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	231026	68.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	96252	88.57	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	413729	62.57	ng	0.00
78) Terphenyl-d14	12.96	244	309744	61.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9294	2.14	ng	Qvalue 75
19) n-Nitroso-di-n-propylamine	7.42	70	29975	11.40	ng	# 82
25) Isophorone	7.42	82	231025	39.99	ng	# 64
49) Dimethylphthalate	9.60	163	48473	6.64	ng	99
50) 2,6-Dinitrotoluene	9.89	165	11644	7.58	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11644	5.65	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6109	3.38	ng	# 1

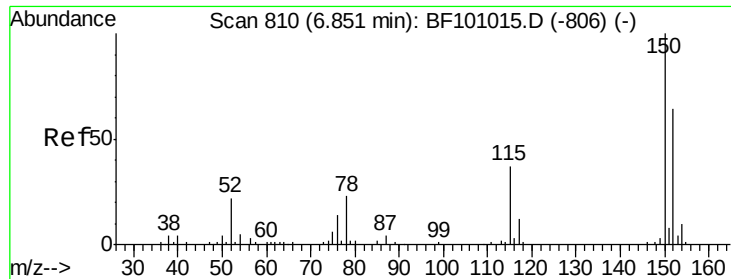
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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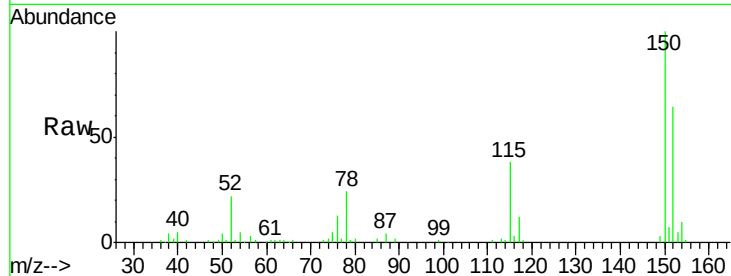


#1

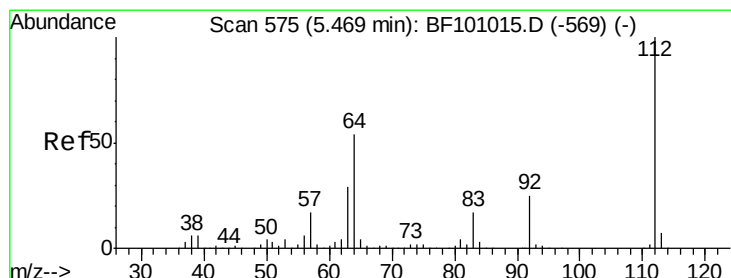
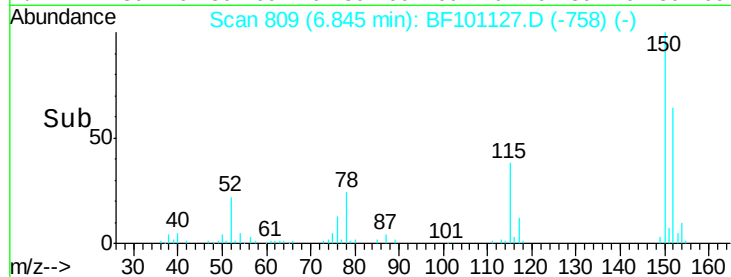
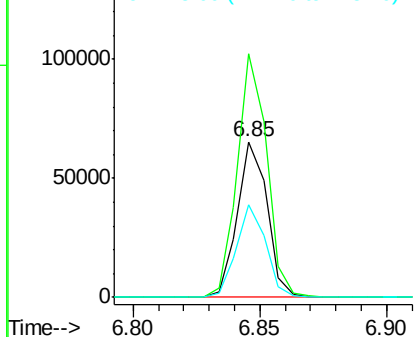
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53151
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.2 50.1 75.1



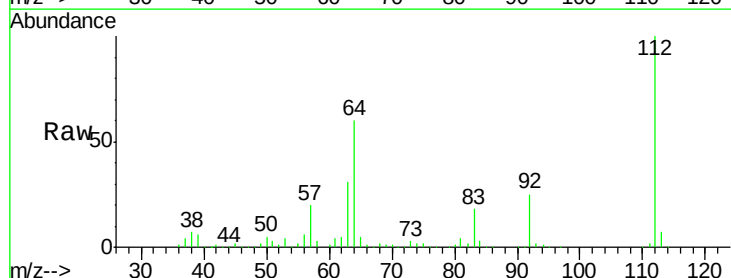
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



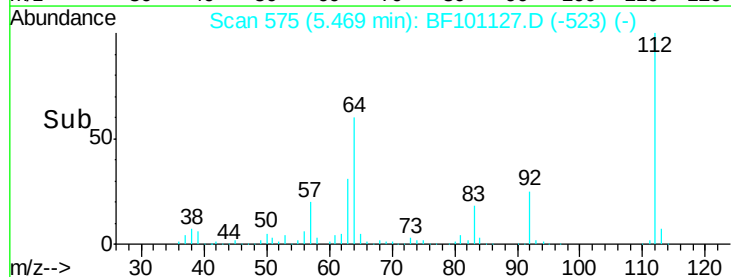
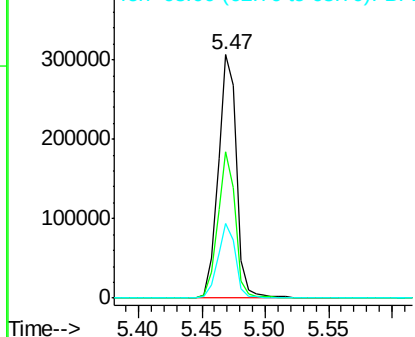
#5

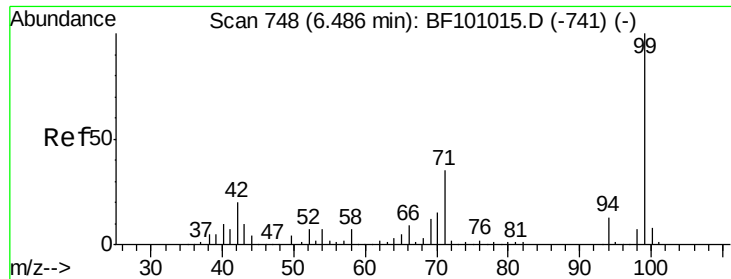
2-Fluorophenol
Concen: 96.58 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:112 Resp: 310636
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.8 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: 96.98 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

Instrument :

BNA_F

ClientSampleId :

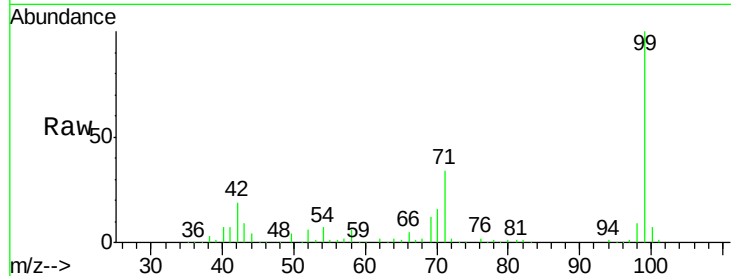
Tot Ion: 99 Resp: 378725

Ion Ratio Lower Upper

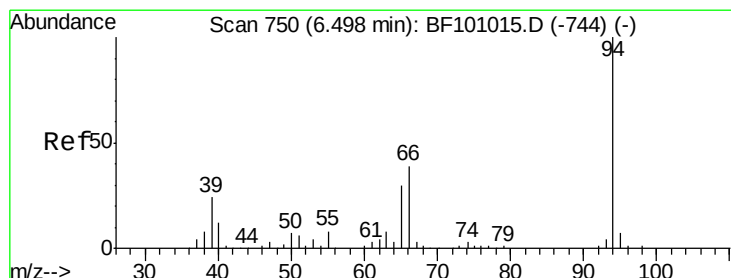
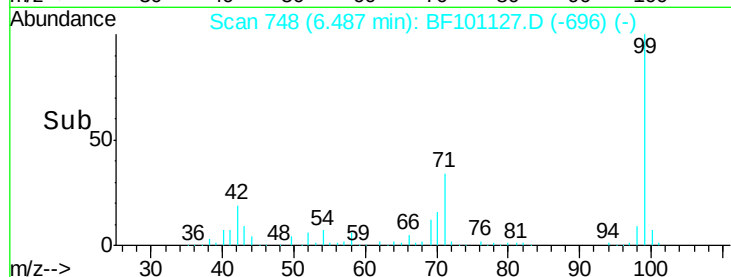
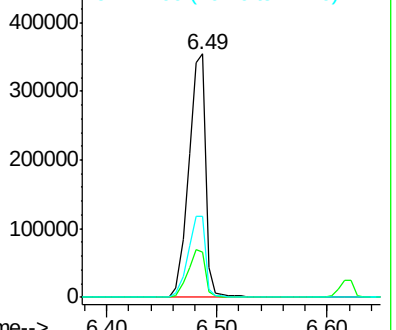
99 100

42 18.8 14.5 21.7

71 33.5 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: 2.14 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

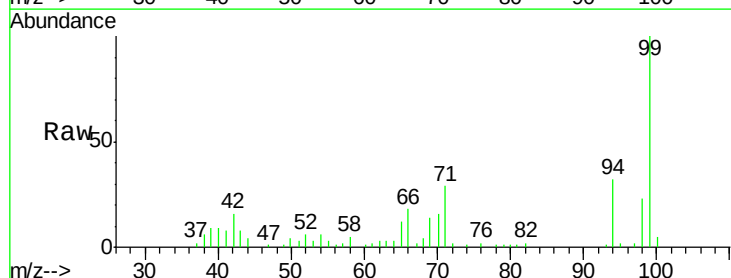
Tgt Ion: 94 Resp: 9294

Ion Ratio Lower Upper

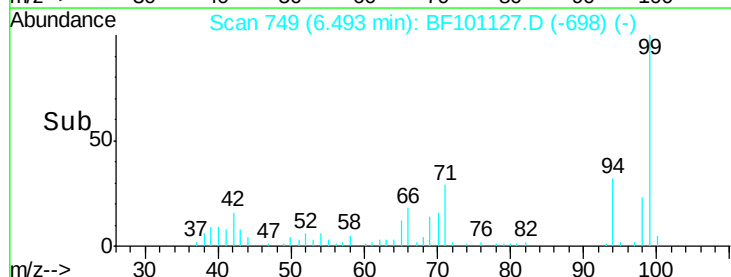
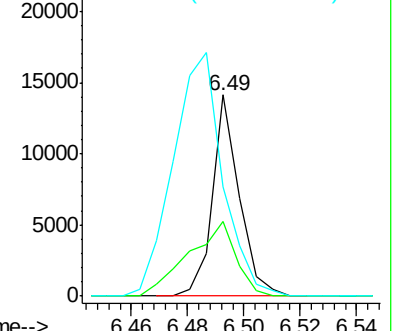
94 100

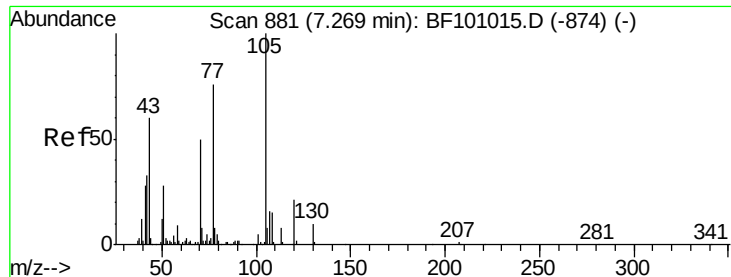
65 37.0 7.9 47.9

66 54.6 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

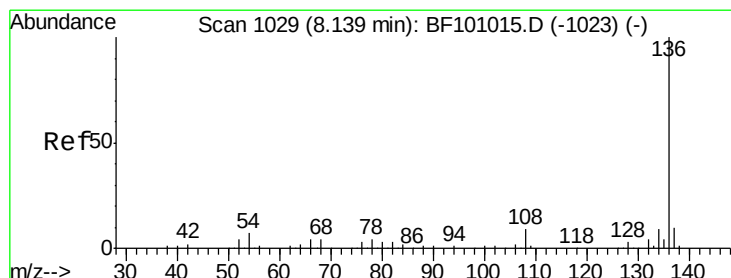
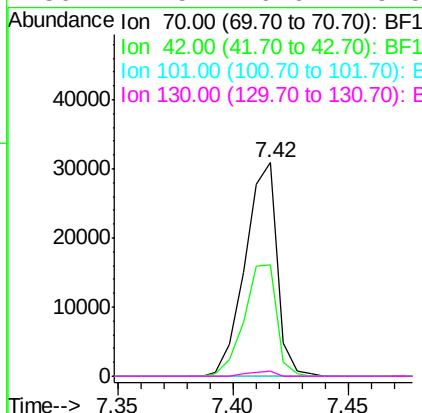
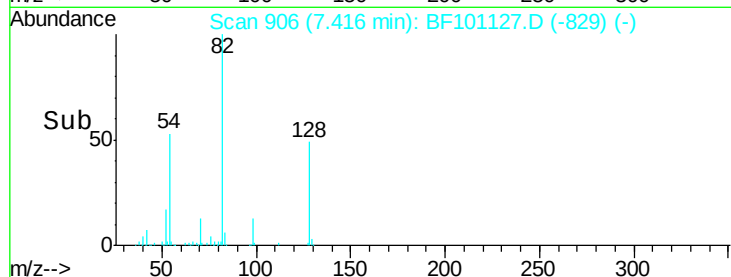
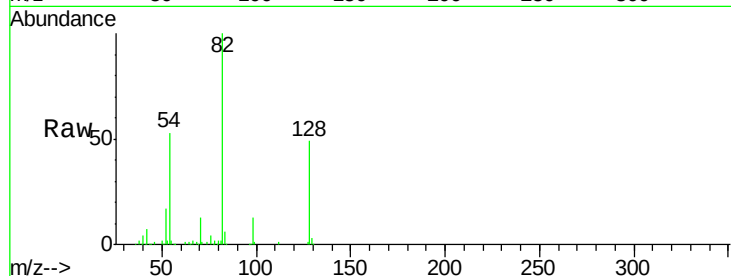




#19
n-Nitroso-di-n-propylamine
Concen: 11.40 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

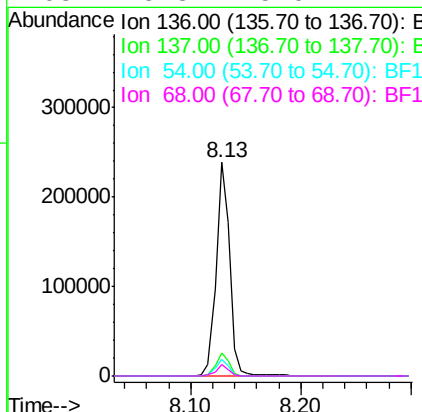
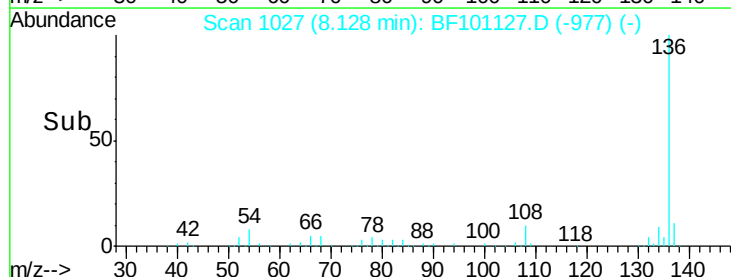
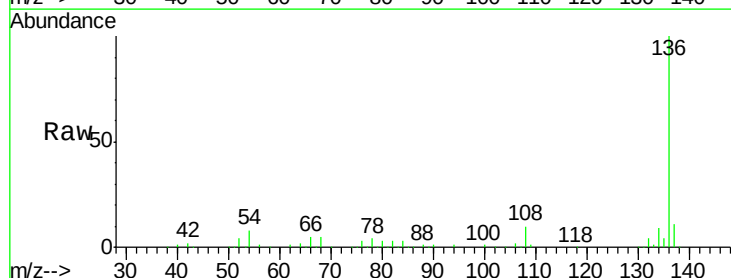
Instrument :
BNA_F
ClientSampleId :

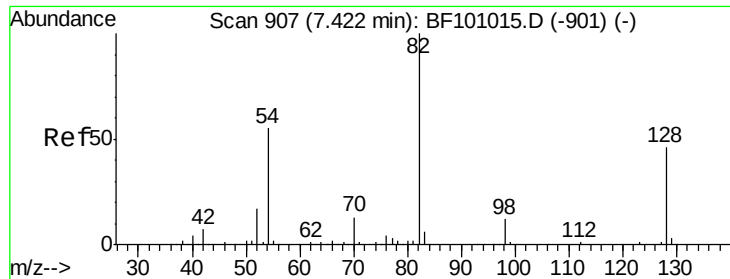
Tot Ion: 70 Resp: 29975
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:136 Resp: 201750
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.6 9.8
68 5.3 5.0 7.4

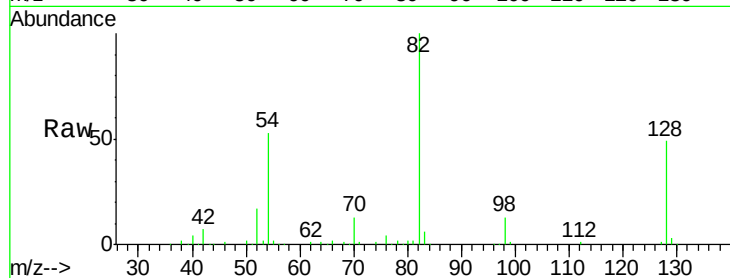




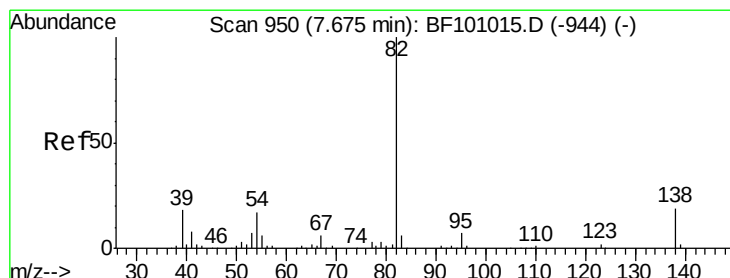
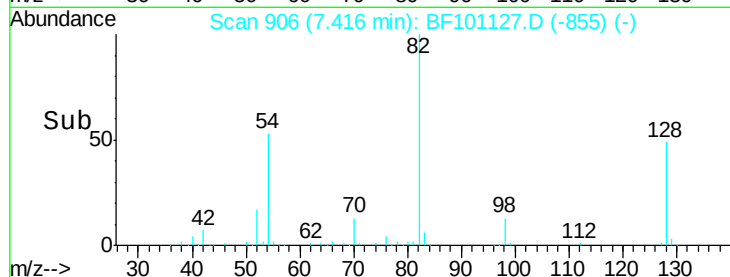
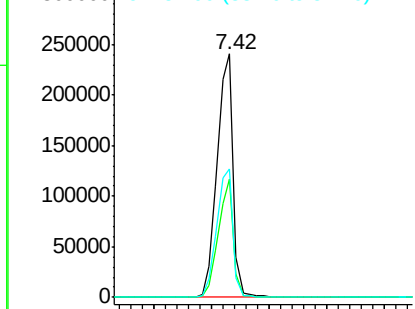
#23
 Nitrobenzene-d5
 Concen: 68.31 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 231026
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 52.8 41.4 62.2

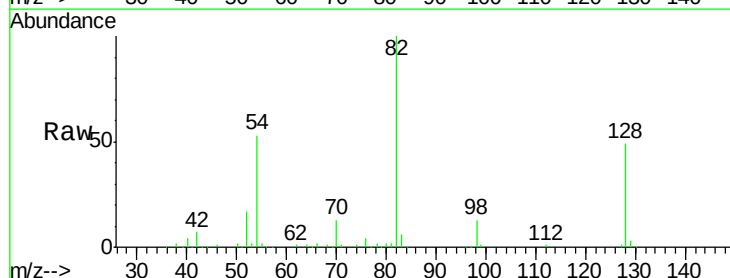


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

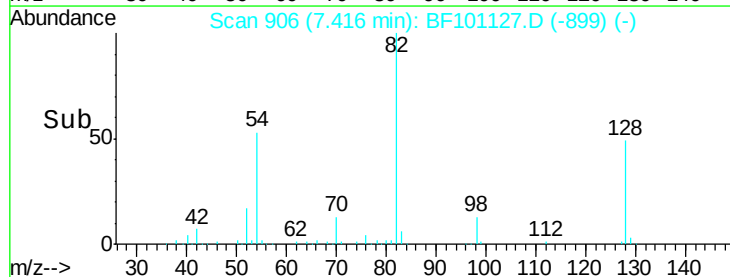
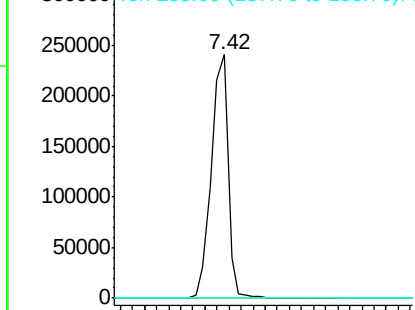


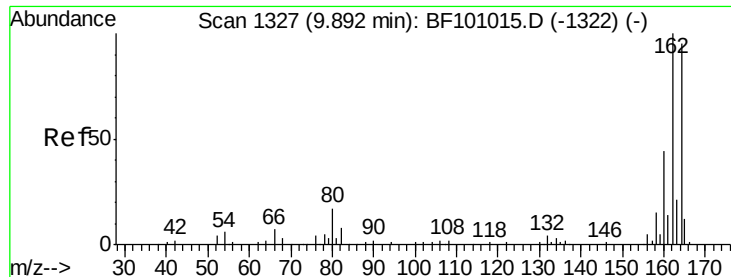
#25
 Isophorone
 Concen: 39.99 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Tgt Ion: 82 Resp: 231025
 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

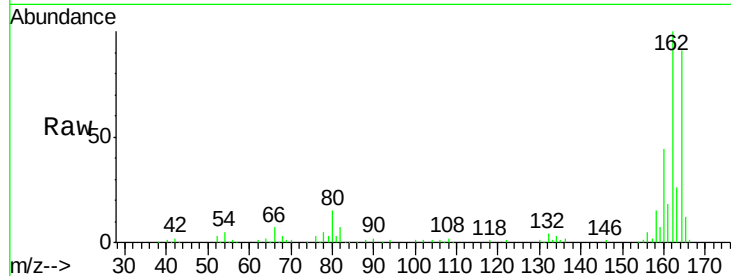




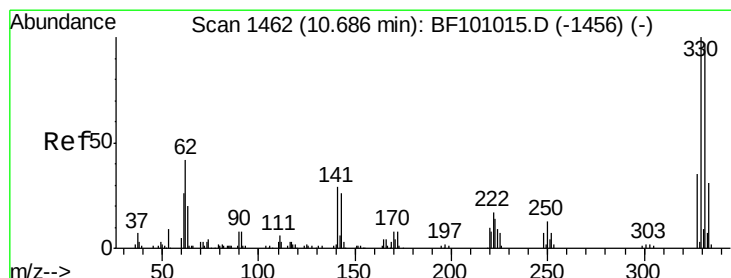
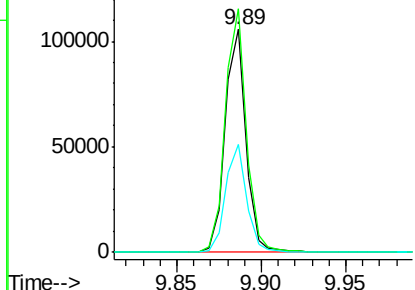
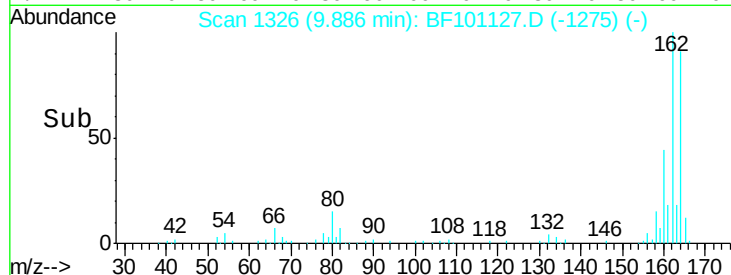
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 90465
 Ion Ratio Lower Upper
 164 100
 162 109.4 86.1 129.1
 160 48.3 38.3 57.5

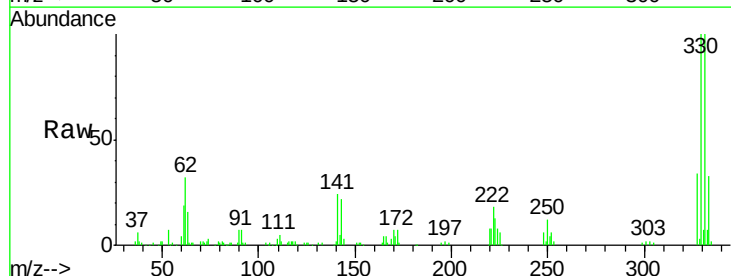


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

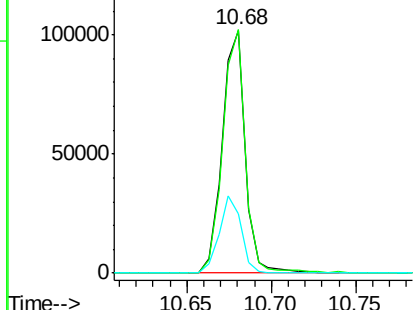
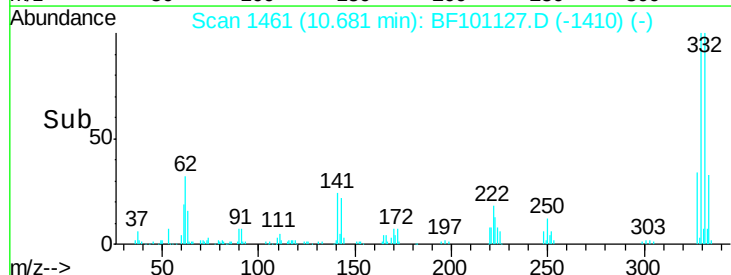


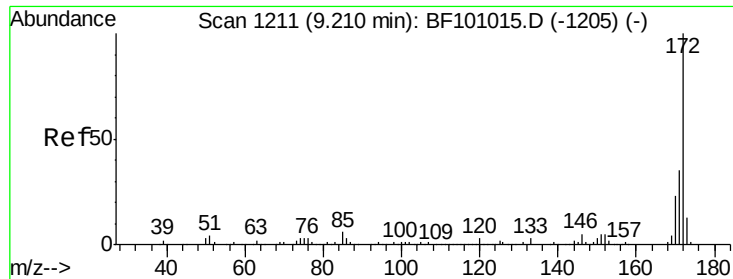
#41
 2,4,6-Tribromophenol
 Concen: 88.57 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Tgt Ion:330 Resp: 96252
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 30.6 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

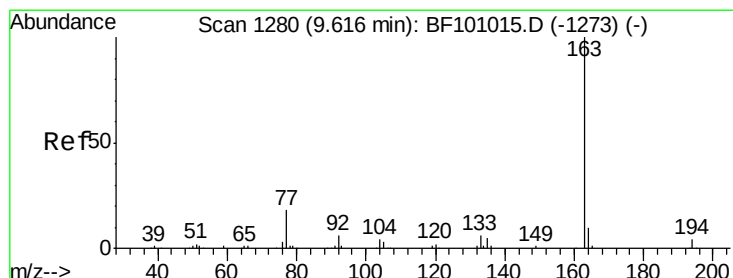
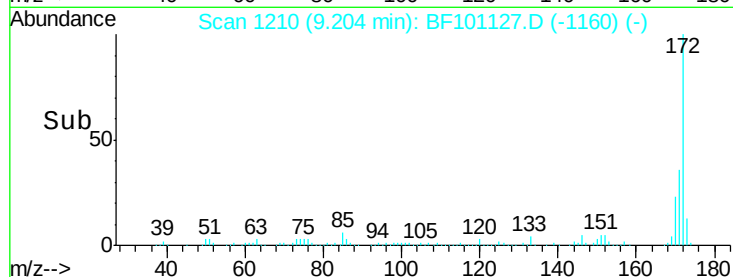
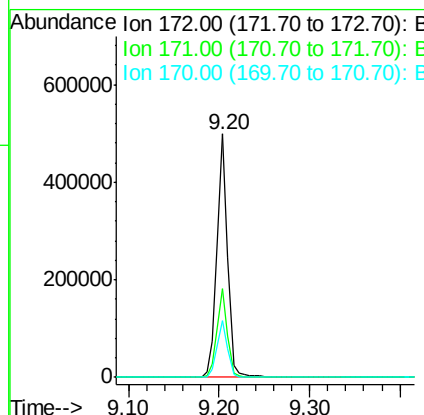
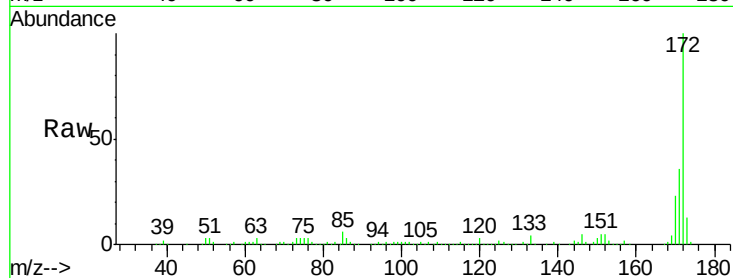




#44
2-Fluorobiphenyl
Concen: 62.57 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

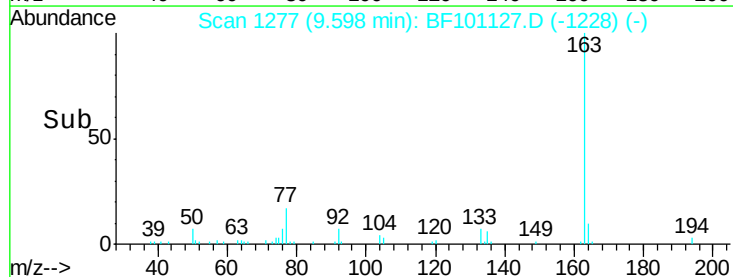
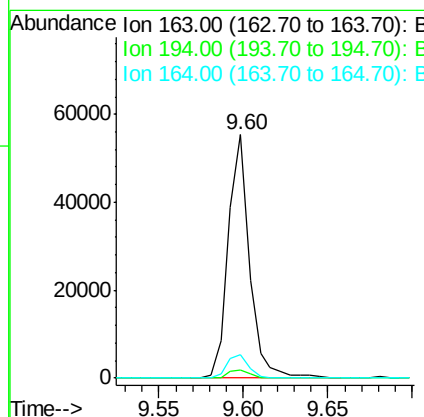
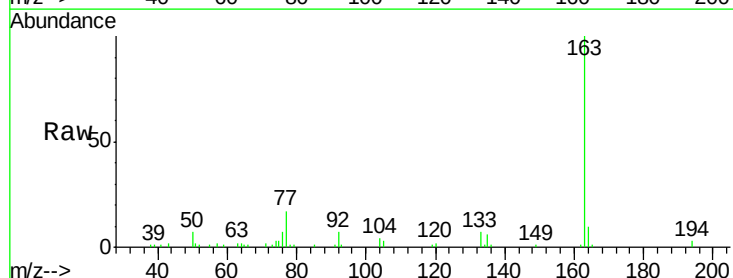
Instrument :
BNA_F
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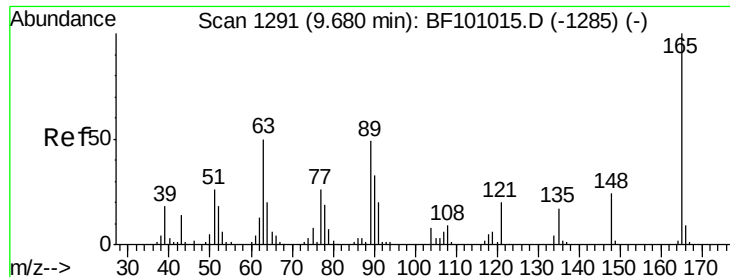
Tot Ion:172 Resp: 413729
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 6.64 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:163 Resp: 48473
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

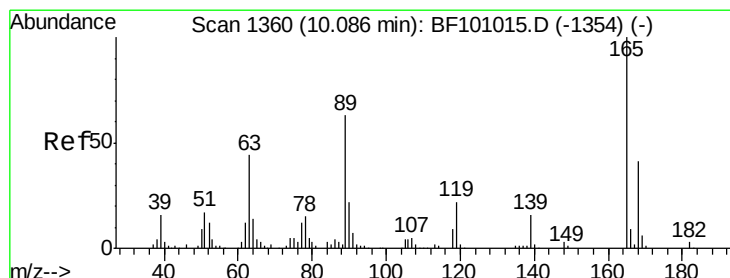
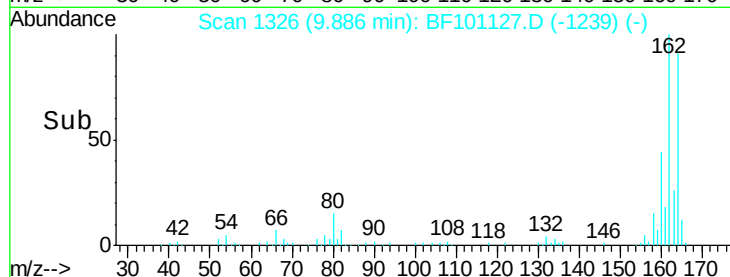
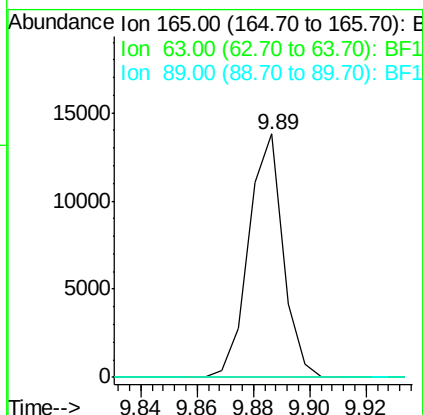
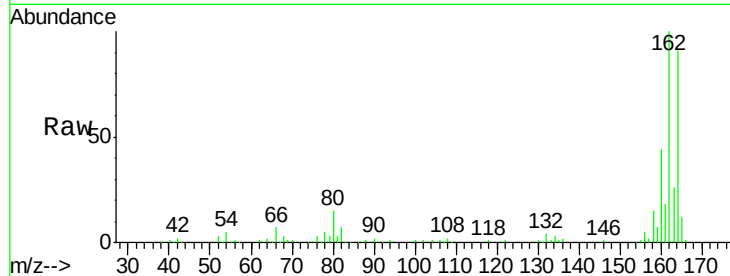




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

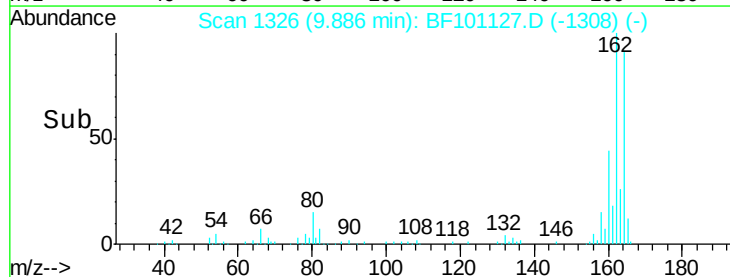
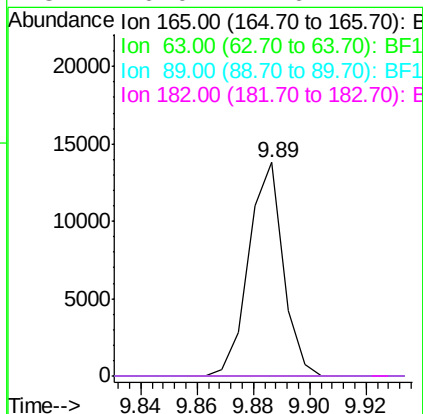
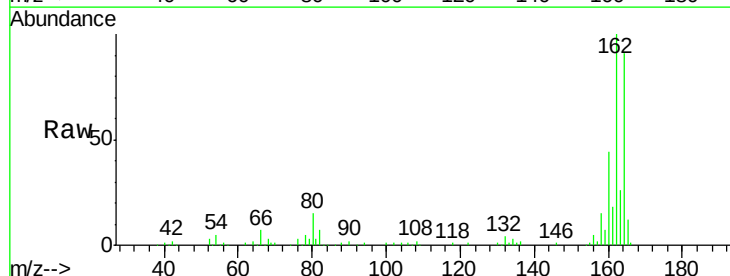
Instrument :
 BNA_F
 ClientSampleId :

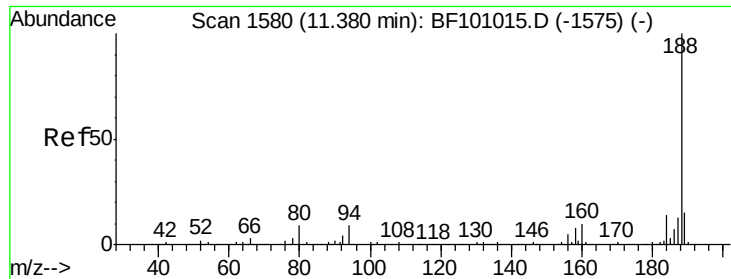
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.65 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

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#

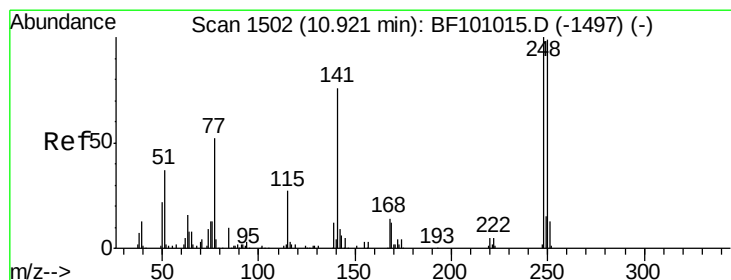
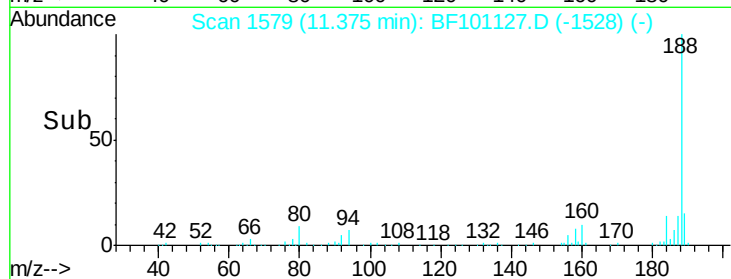
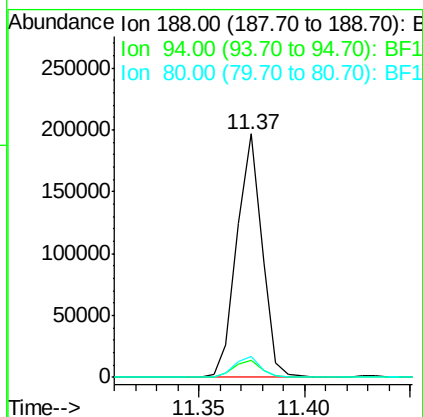
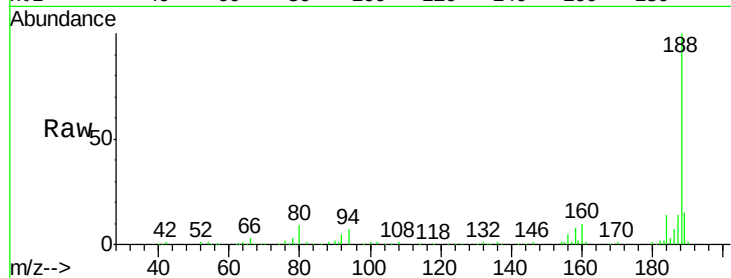




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

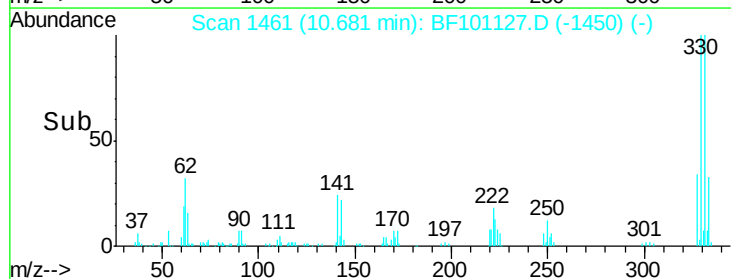
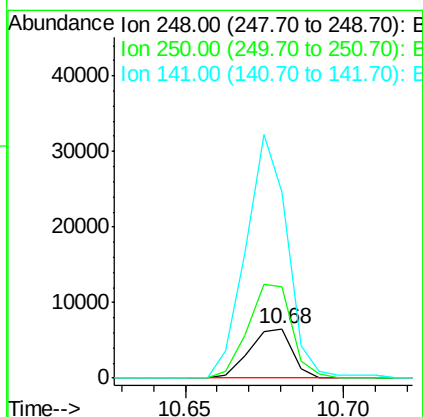
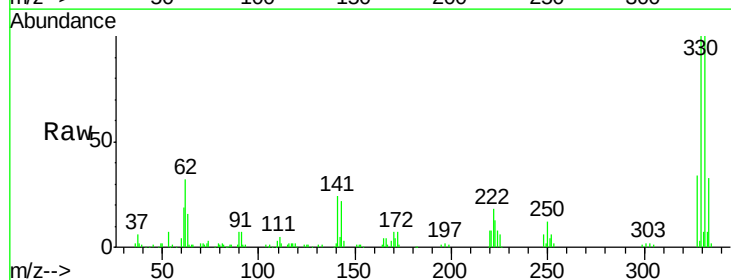
Instrument :
 BNA_F
 ClientSampleId :

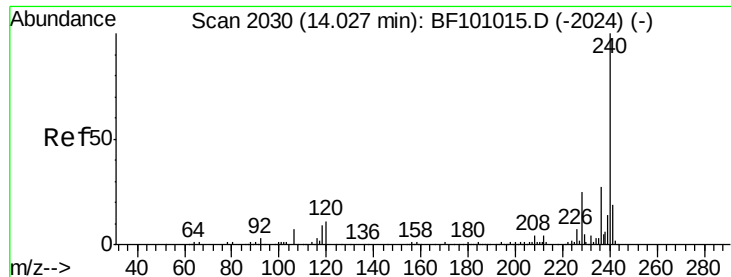
Tot Ion:188 Resp: 161661
 Ion Ratio Lower Upper
 188 100
 94 7.2 8.5 12.7#
 80 8.6 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.38 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.23 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Tgt Ion:248 Resp: 6109
 Ion Ratio Lower Upper
 248 100
 250 182.5 76.9 115.3#
 141 375.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

Instrument :

BNA_F

ClientSampleId :

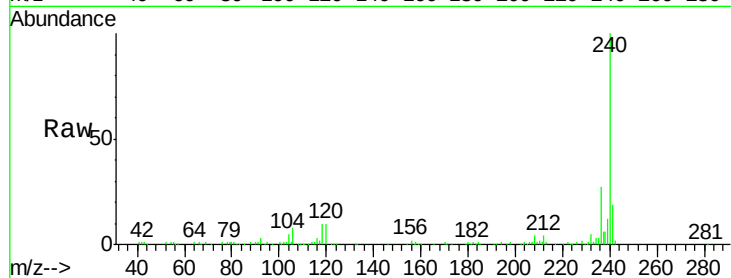
Tot Ion:240 Resp: 109651

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

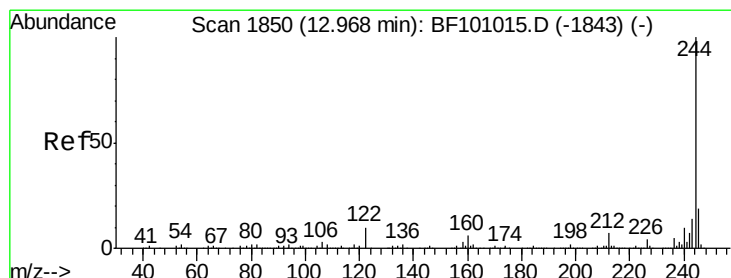
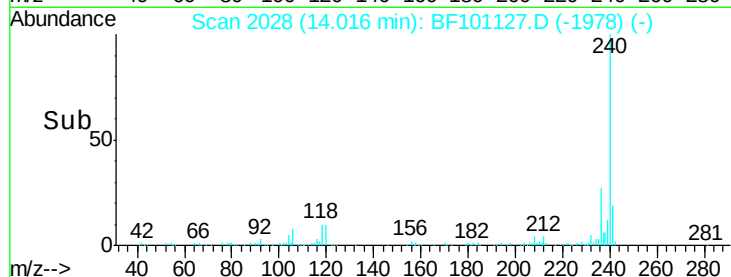
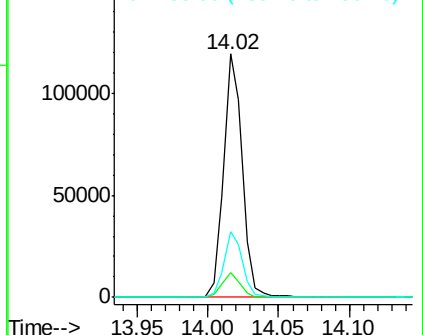
236 26.8 20.7 31.1



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: 61.79 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

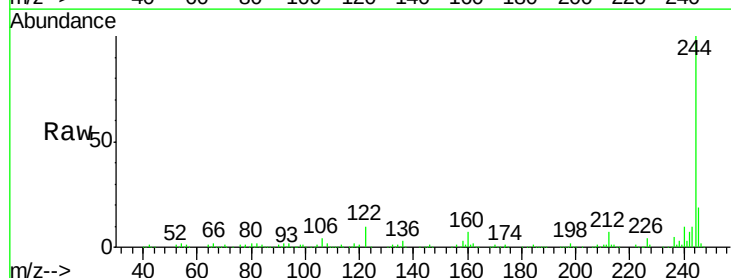
Tgt Ion:244 Resp: 309744

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

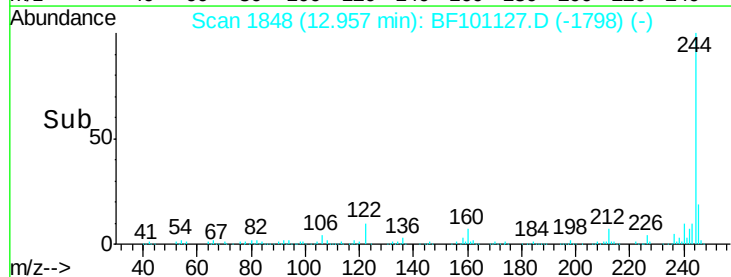
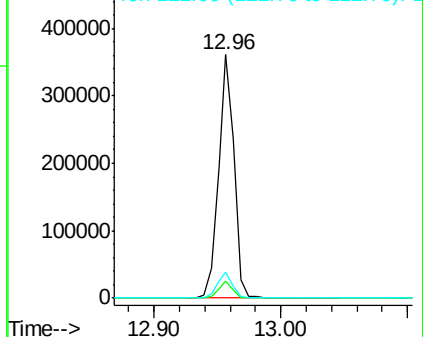
122 10.4 11.0 16.4#

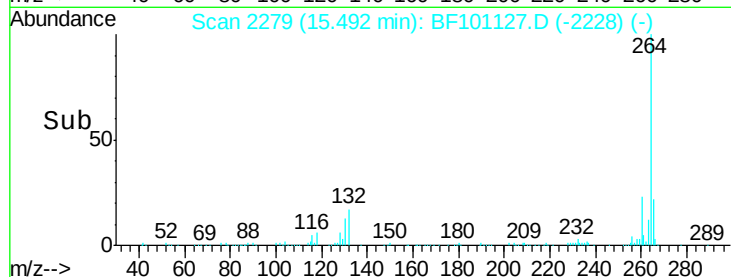
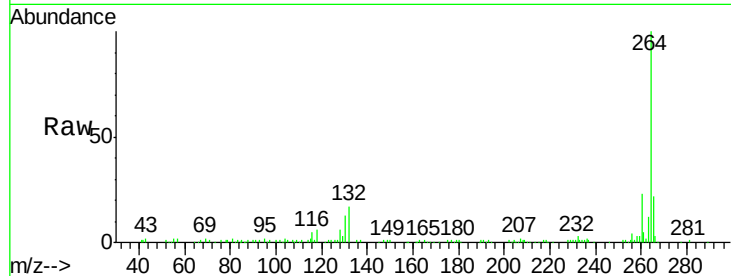
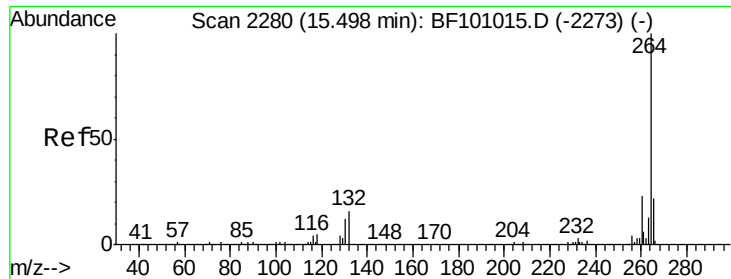


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	112001
Ion	Ratio	Lower Upper
264	100	
260	22.9	19.2 28.8
265	22.1	17.5 26.3

