

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101118.D
 Acq On : 5 Dec 2017 12:27
 Operator : SJ/JU
 Sample : PB104707BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 13:20:50 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

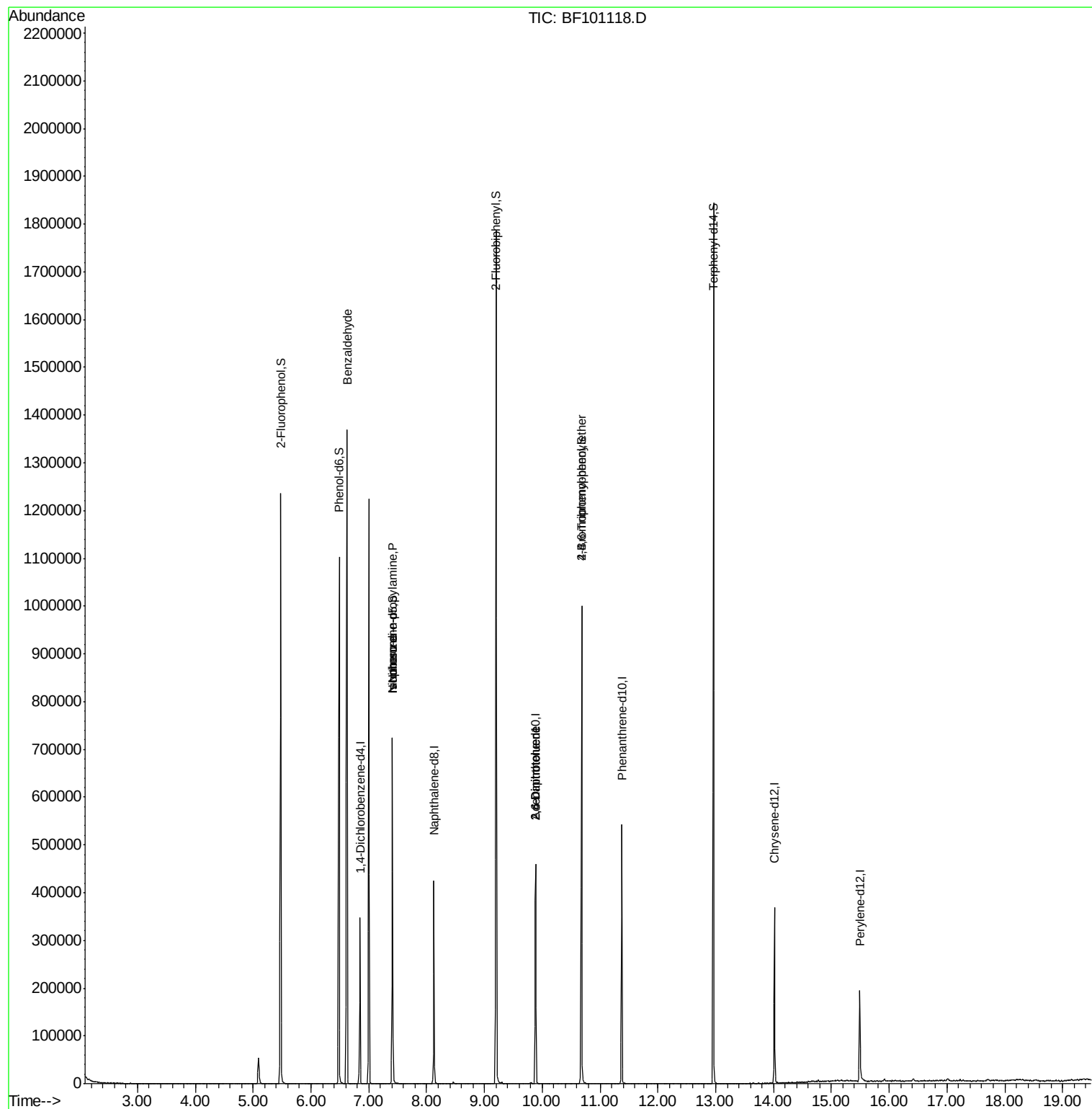
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47964	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	189516	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93441	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	191509	20.00	ng	0.00
75) Chrysene-d12	14.02	240	132353	20.00	ng	0.00
86) Perylene-d12	15.49	264	104274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	363723	125.31	ng	0.01
7) Phenol-d6	6.49	99	432926	122.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	272583	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	134573	119.89	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	601344	88.05	ng	0.00
78) Terphenyl-d14	12.96	244	643384	106.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	8220	3.81	ng	85
19) n-Nitroso-di-n-propylamine	7.41	70	35617	15.01	ng	# 83
25) Isophorone	7.41	82	272578	50.23	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	11842	7.46	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11842	5.57	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8546	3.99	ng	# 1

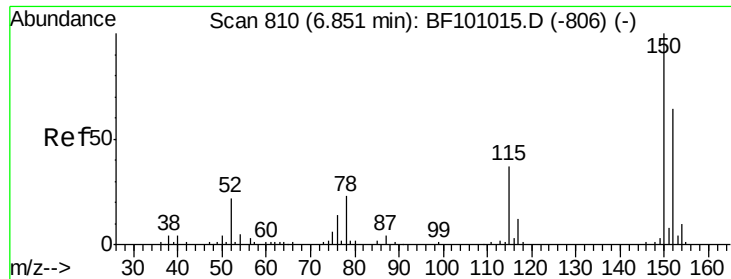
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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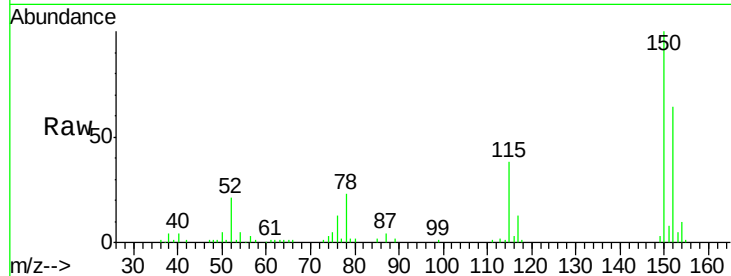


#1

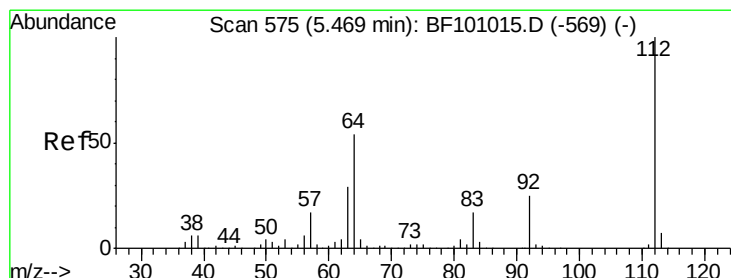
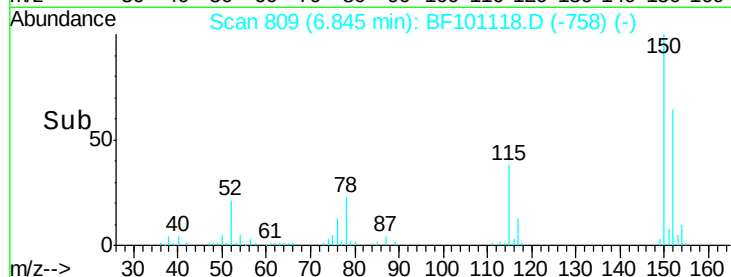
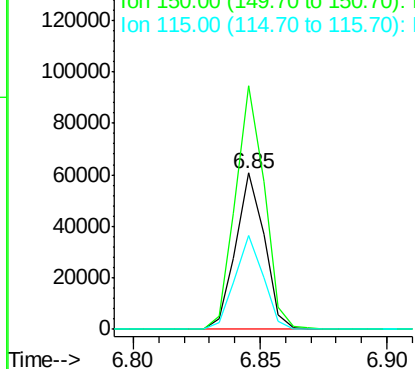
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47964
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.0 50.1 75.1



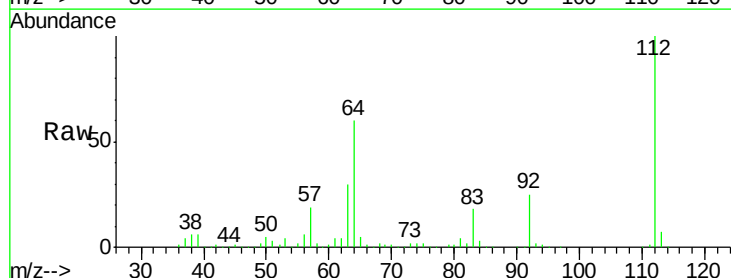
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



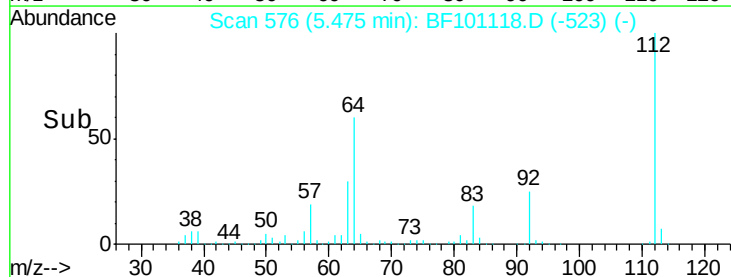
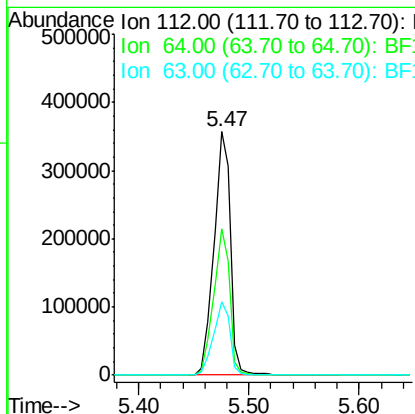
#5

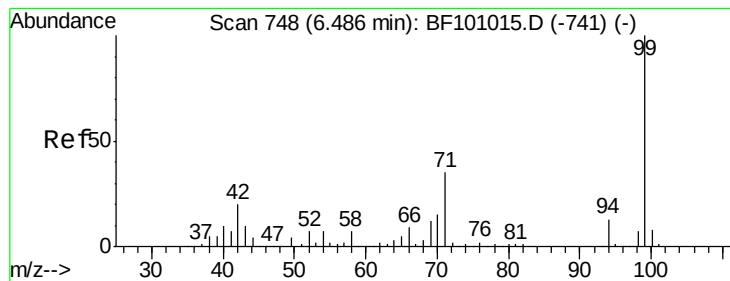
2-Fluorophenol
Concen: 125.31 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

Tgt Ion:112 Resp: 363723
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.1 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: 122.85 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101118.D

Acq: 5 Dec 2017 12:27

Instrument :

BNA_F

ClientSampled :

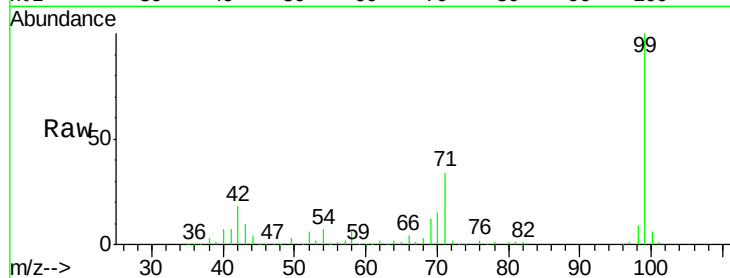
Tot Ion: 99 Resp: 432926

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

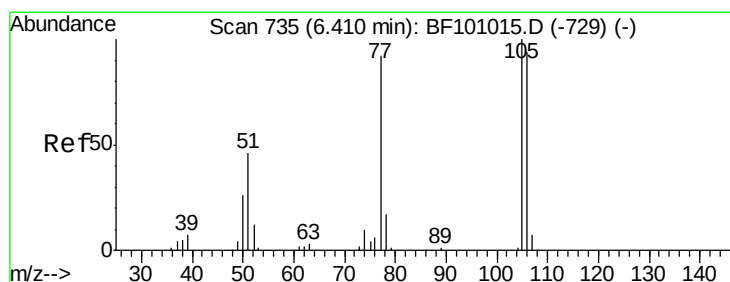
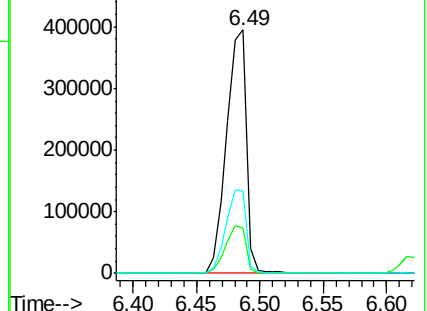
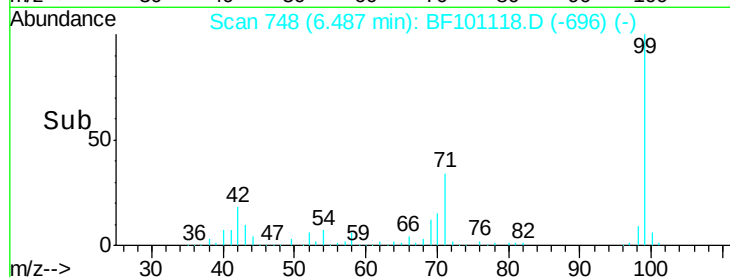
71 33.7 25.4 38.0



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: 3.81 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101118.D

Acq: 5 Dec 2017 12:27

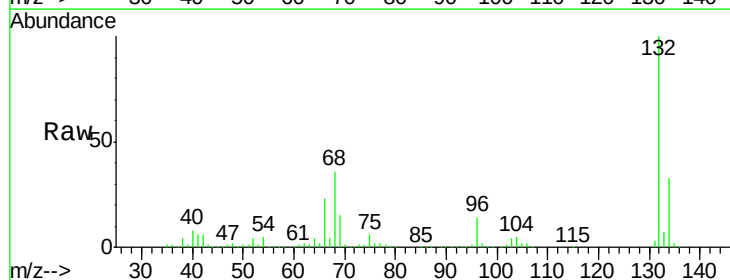
Tgt Ion: 77 Resp: 8220

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

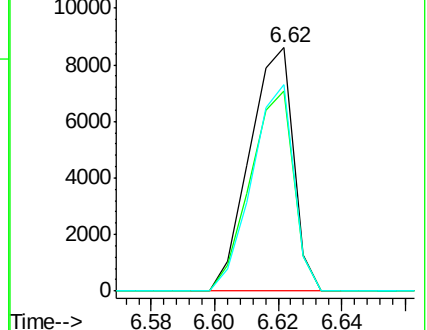
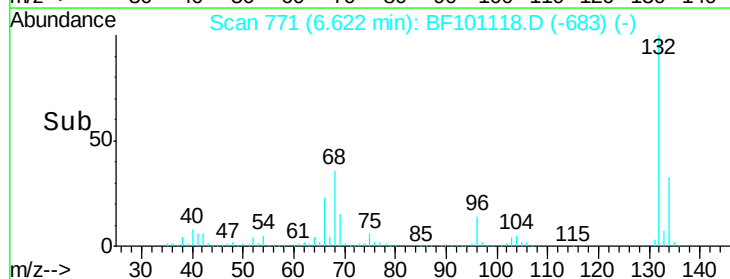
106 84.7 74.5 114.5

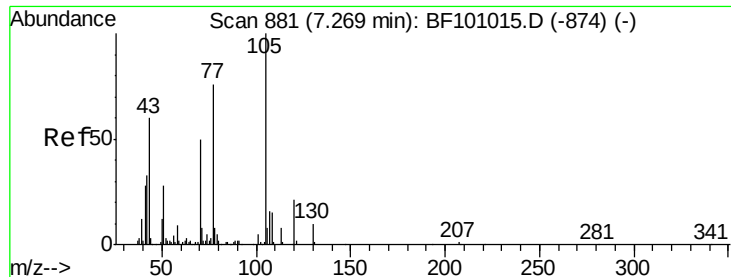


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

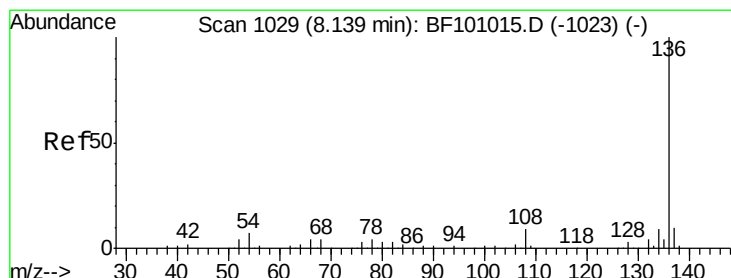
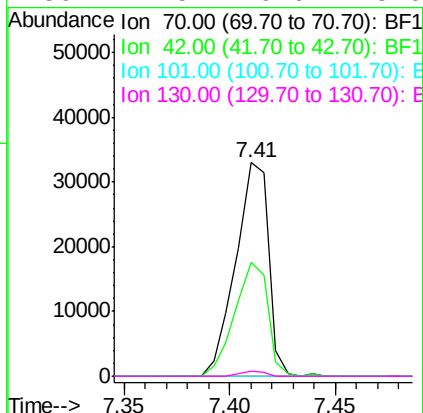
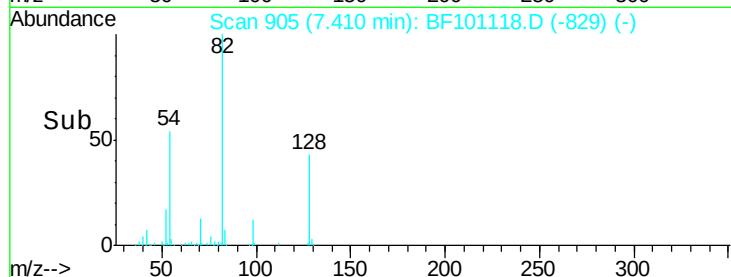
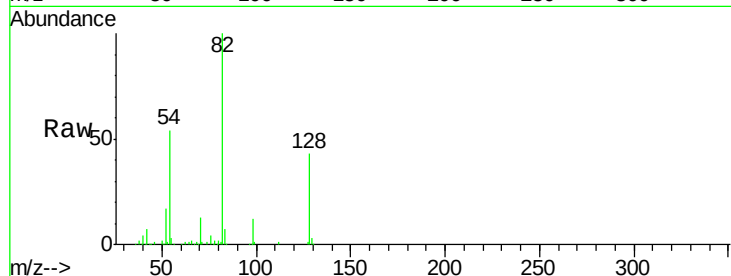




#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

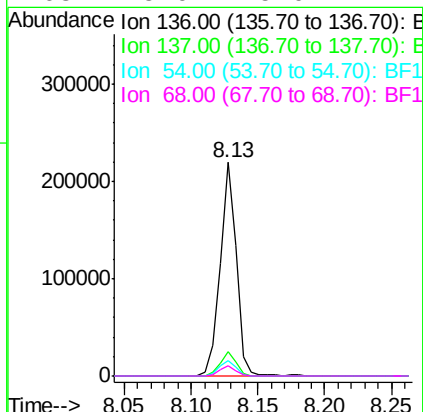
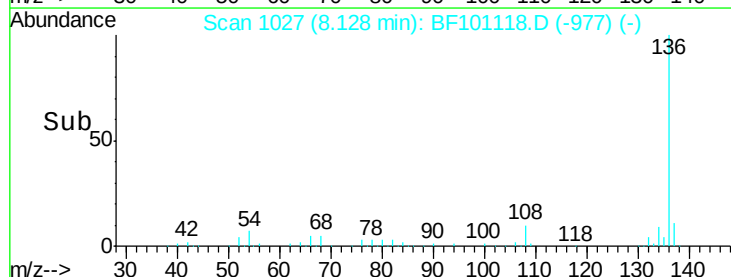
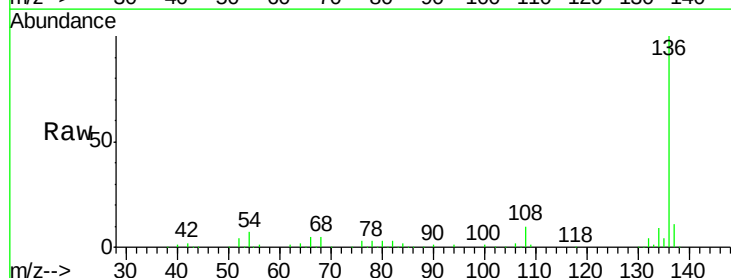
Instrument :
BNA_F
ClientSampleId :

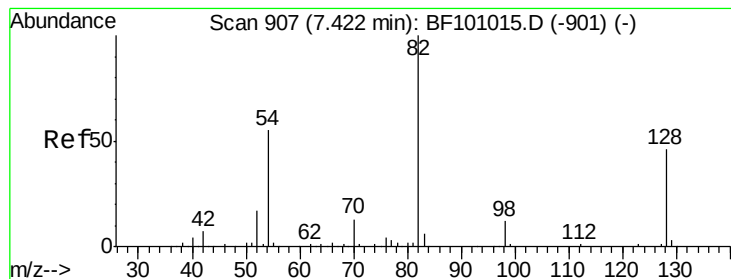
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	5.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 85.80 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101118.D

Acq: 5 Dec 2017 12:27

Instrument :

BNA_F

ClientSampleId :

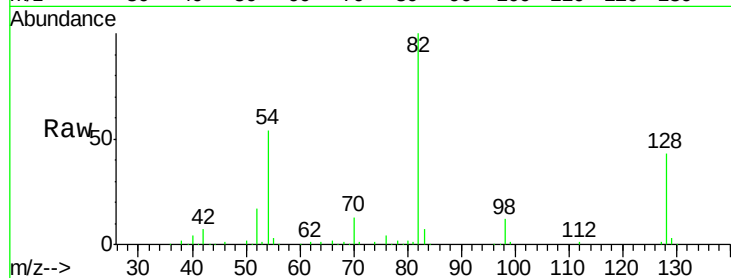
Tot Ion: 82 Resp: 272583

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

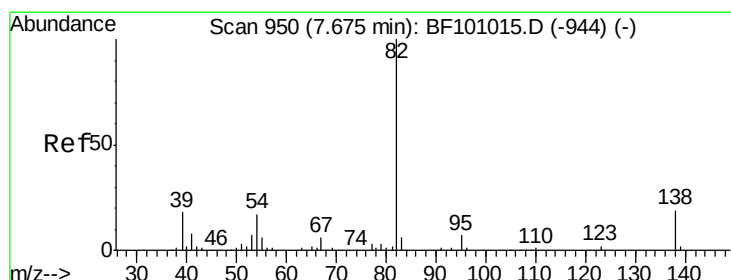
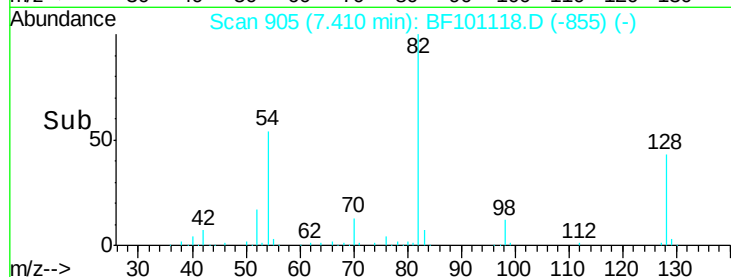
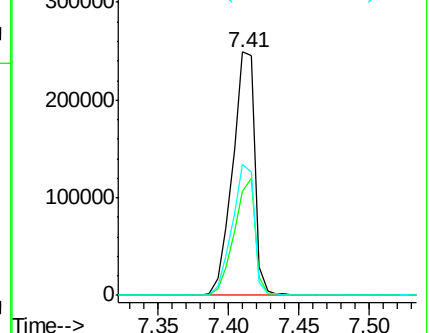
54 53.8 41.4 62.2



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: 50.23 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101118.D

Acq: 5 Dec 2017 12:27

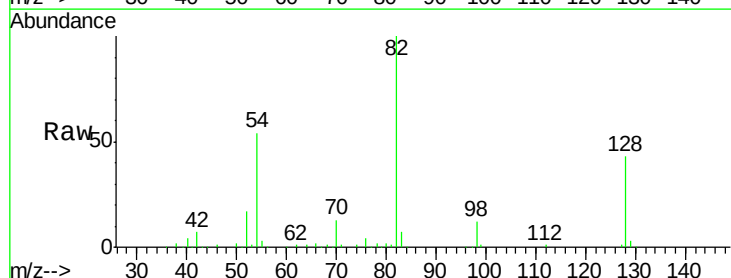
Tgt Ion: 82 Resp: 272578

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

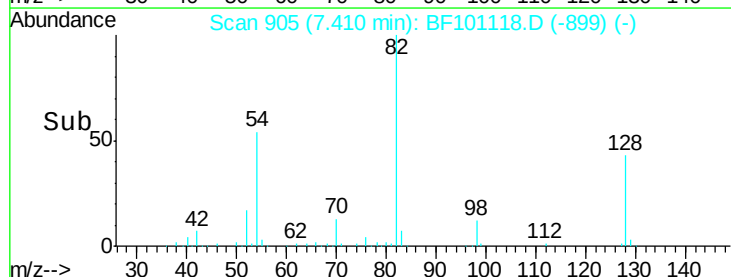
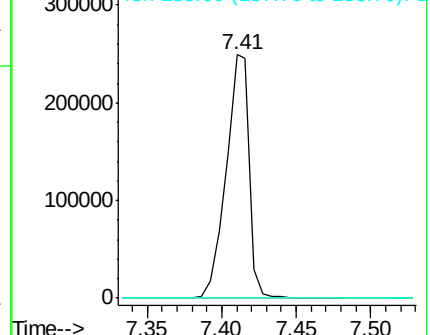
138 0.0 14.9 22.3#

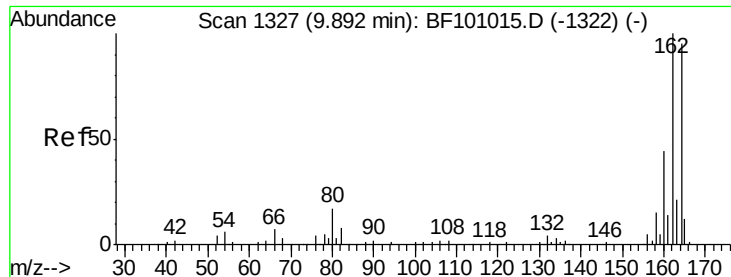


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF101118.D

Acq: 5 Dec 2017 12:27

Instrument :

BNA_F

ClientSampleId :

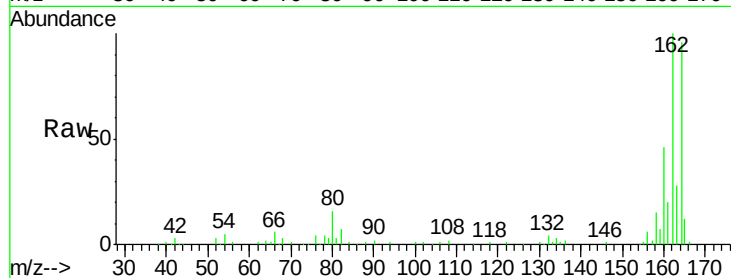
Tot Ion:164 Resp: 93441

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

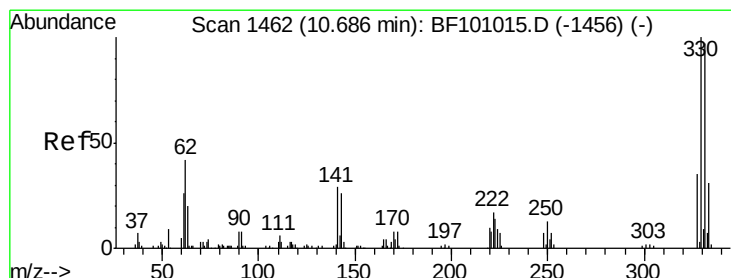
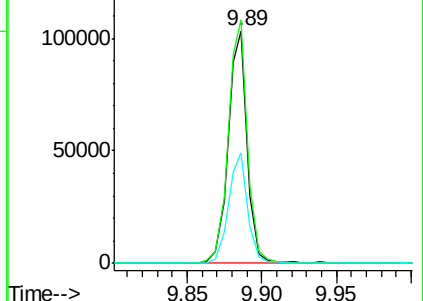
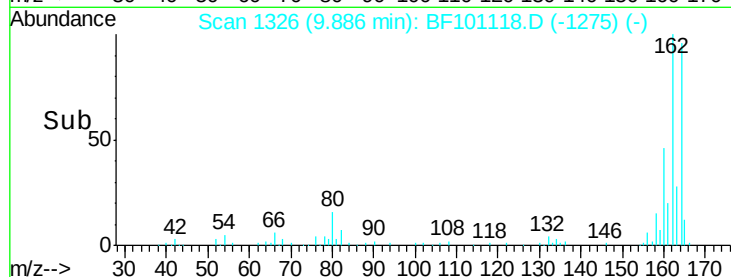
160 47.7 38.3 57.5



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: 119.89 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101118.D

Acq: 5 Dec 2017 12:27

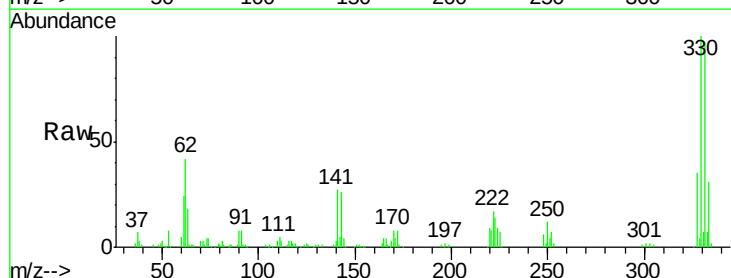
Tgt Ion:330 Resp: 134573

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

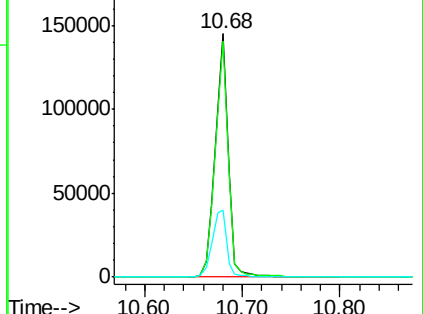
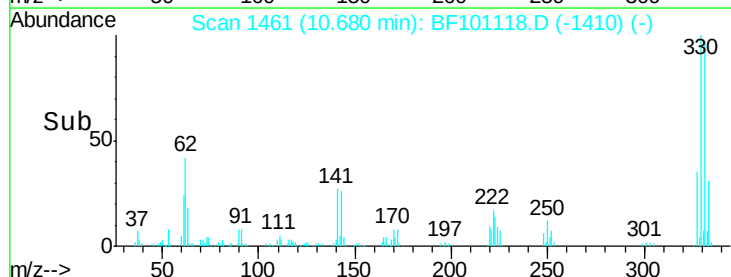
141 30.4 29.9 44.9

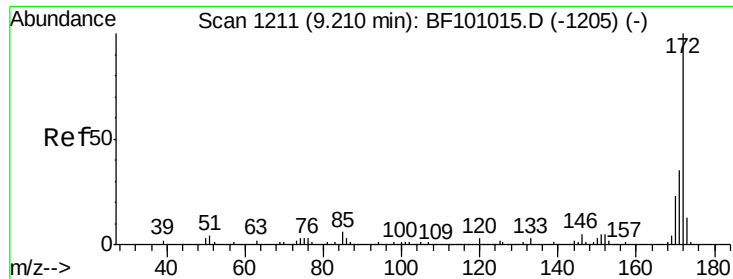


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

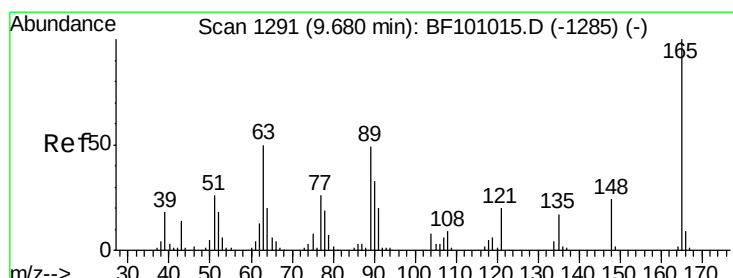
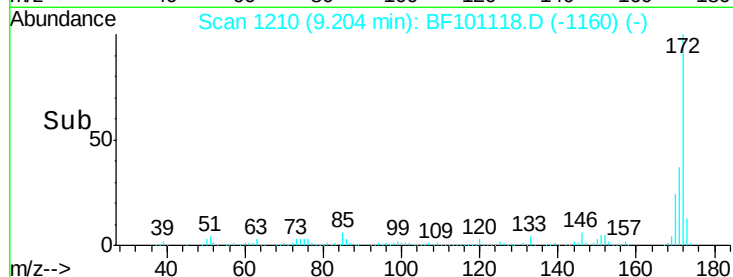
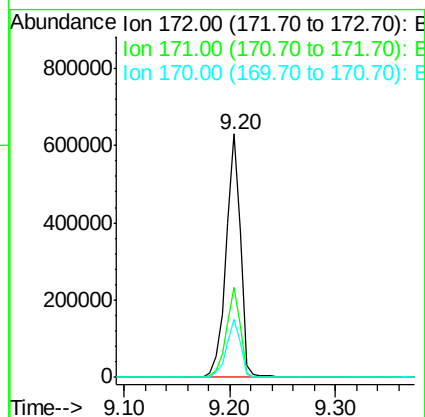
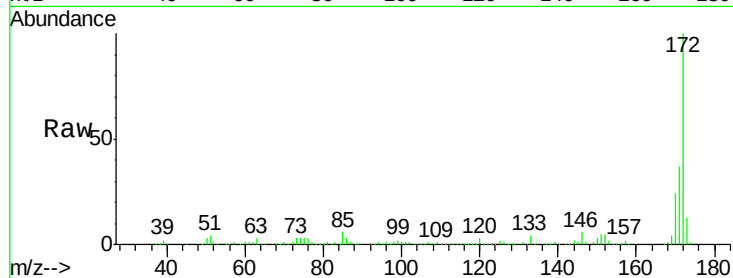




#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

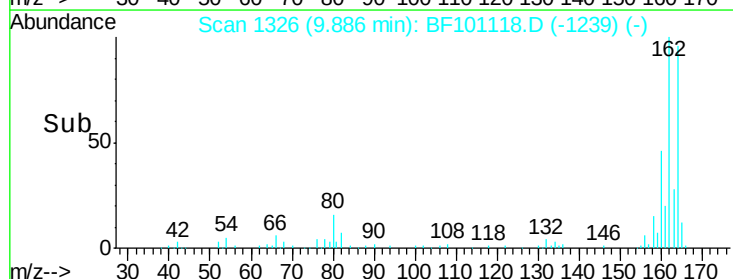
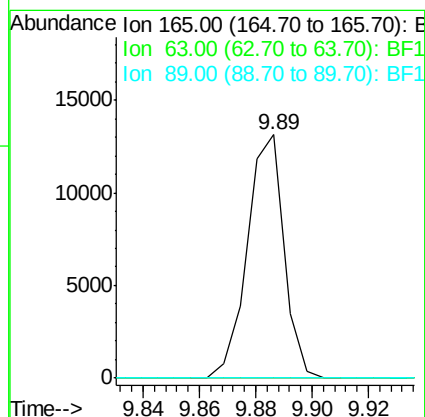
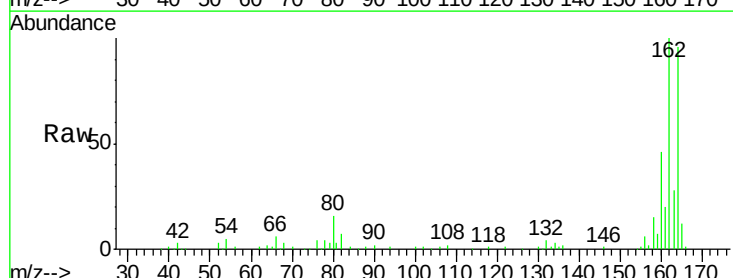
Instrument :
 BNA_F
 ClientSampleId :

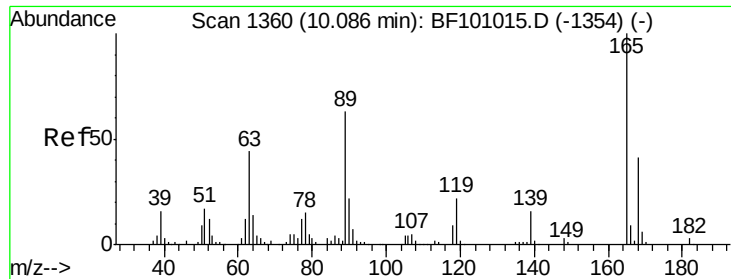
Tot Ion:172 Resp: 601344
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

Tgt Ion:165 Resp: 11842
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

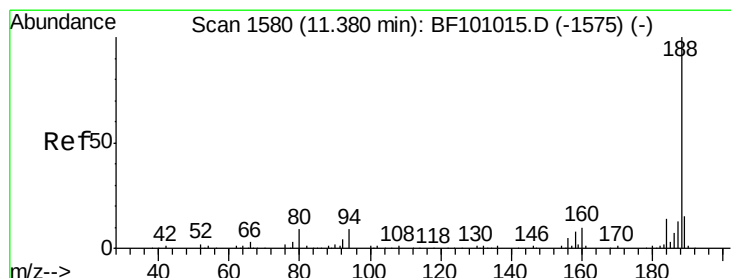
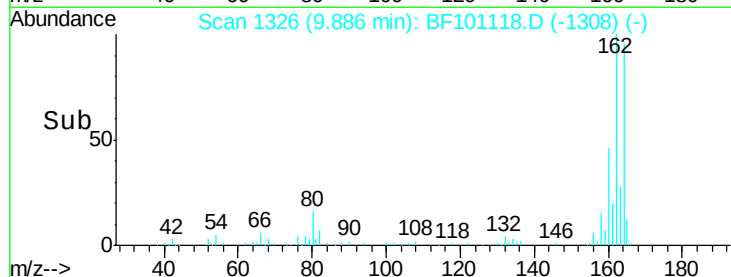
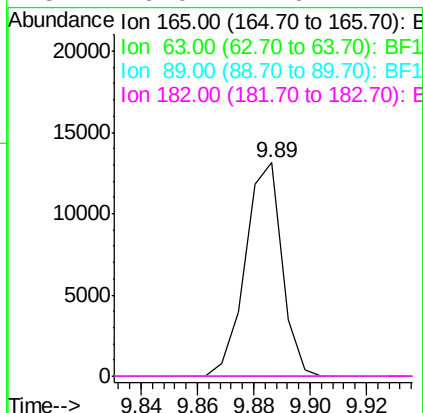
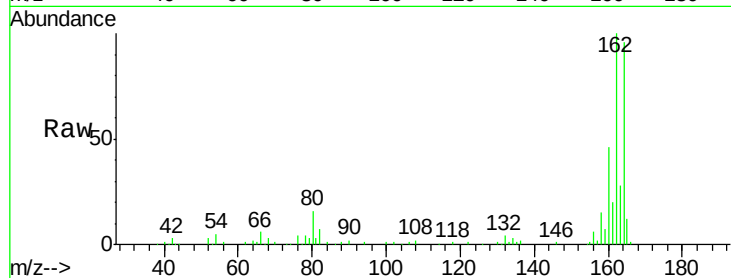




#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

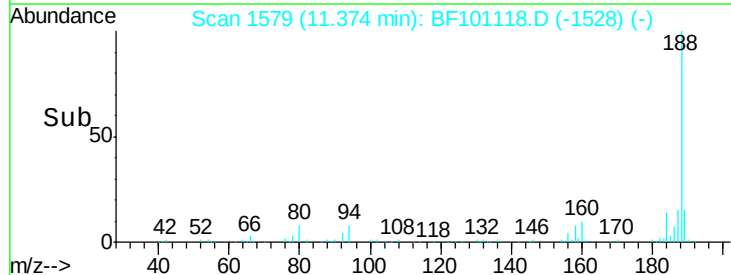
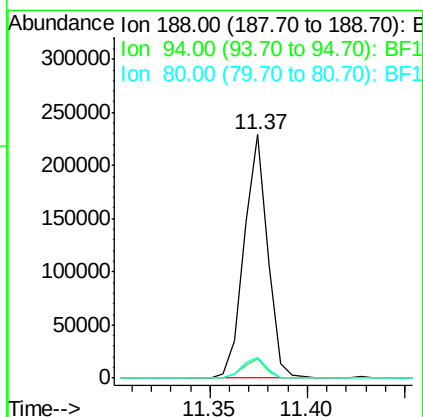
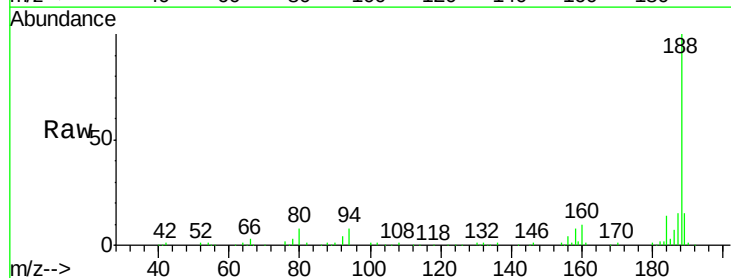
Instrument :
 BNA_F
 ClientSampleId :

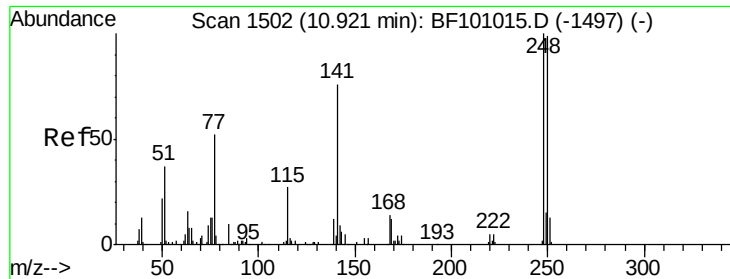
Tot Ion:165	Resp:	11842
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

Tgt Ion:188	Resp:	191509
Ion Ratio	Lower	Upper
188	100	
94	7.8	8.5 12.7#
80	8.4	9.2 13.8#

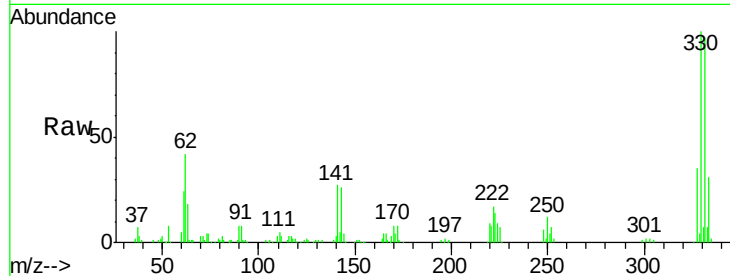




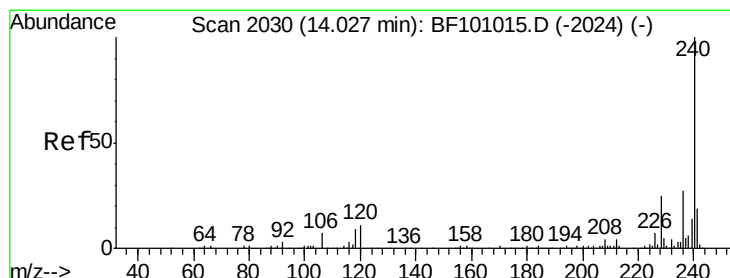
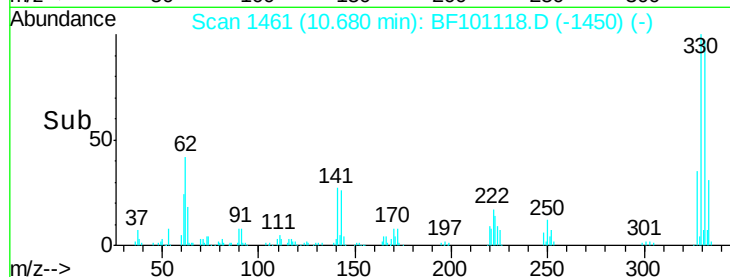
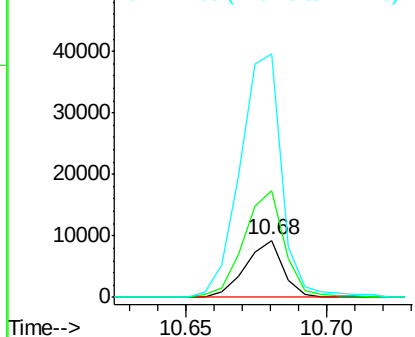
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8546
Ion Ratio Lower Upper
248 100
250 186.4 76.9 115.3#
141 426.8 74.4 111.6#

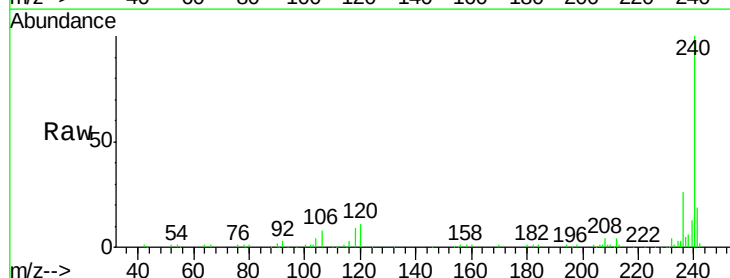


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

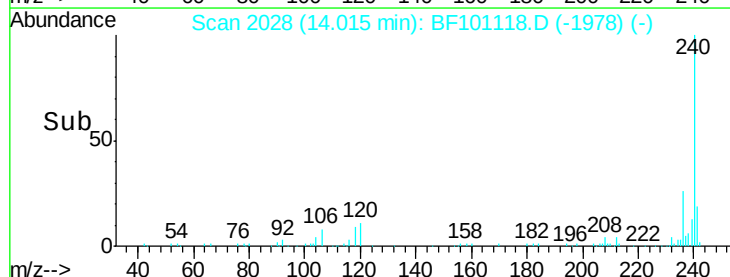
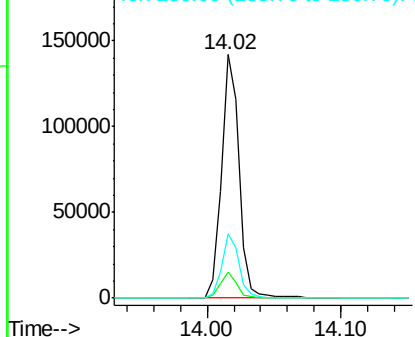


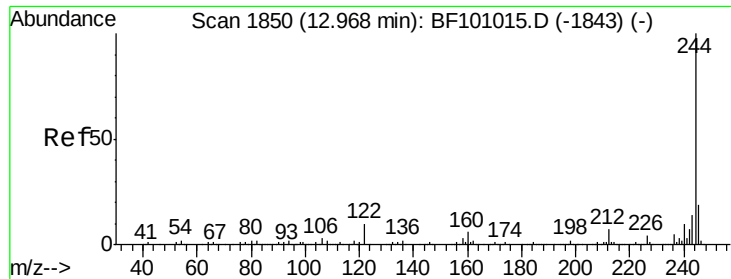
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101118.D
Acq: 5 Dec 2017 12:27

Tgt Ion:240 Resp: 132353
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.4 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

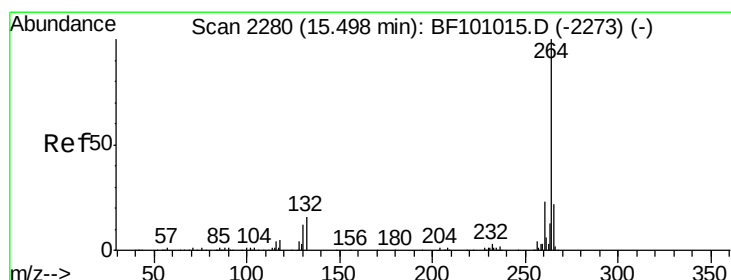
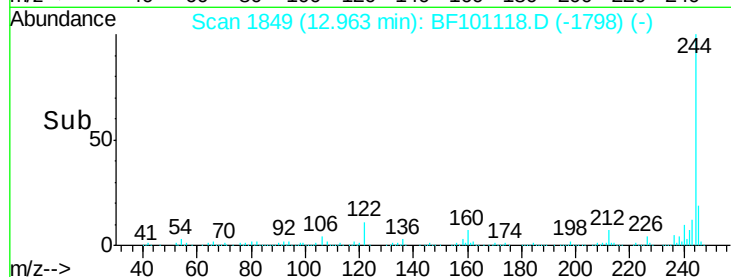
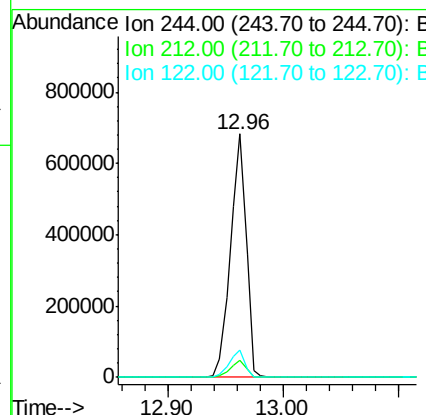
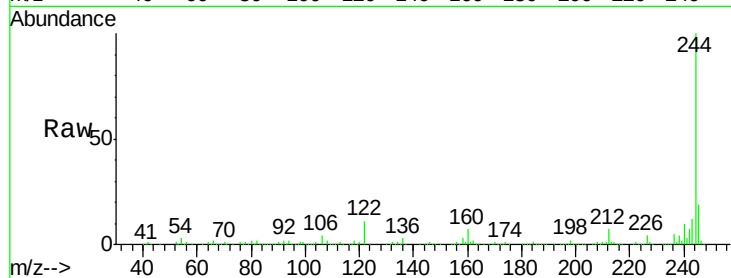




#78
 Terphenyl-d14
 Concen: 106.33 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 643384
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101118.D
 Acq: 5 Dec 2017 12:27

Tgt Ion:264 Resp: 104274
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.6 17.5 26.3

