

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100919.D
 Acq On : 28 Nov 2017 4:09
 Operator : SJ/JU
 Sample : I6584-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 09:56:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

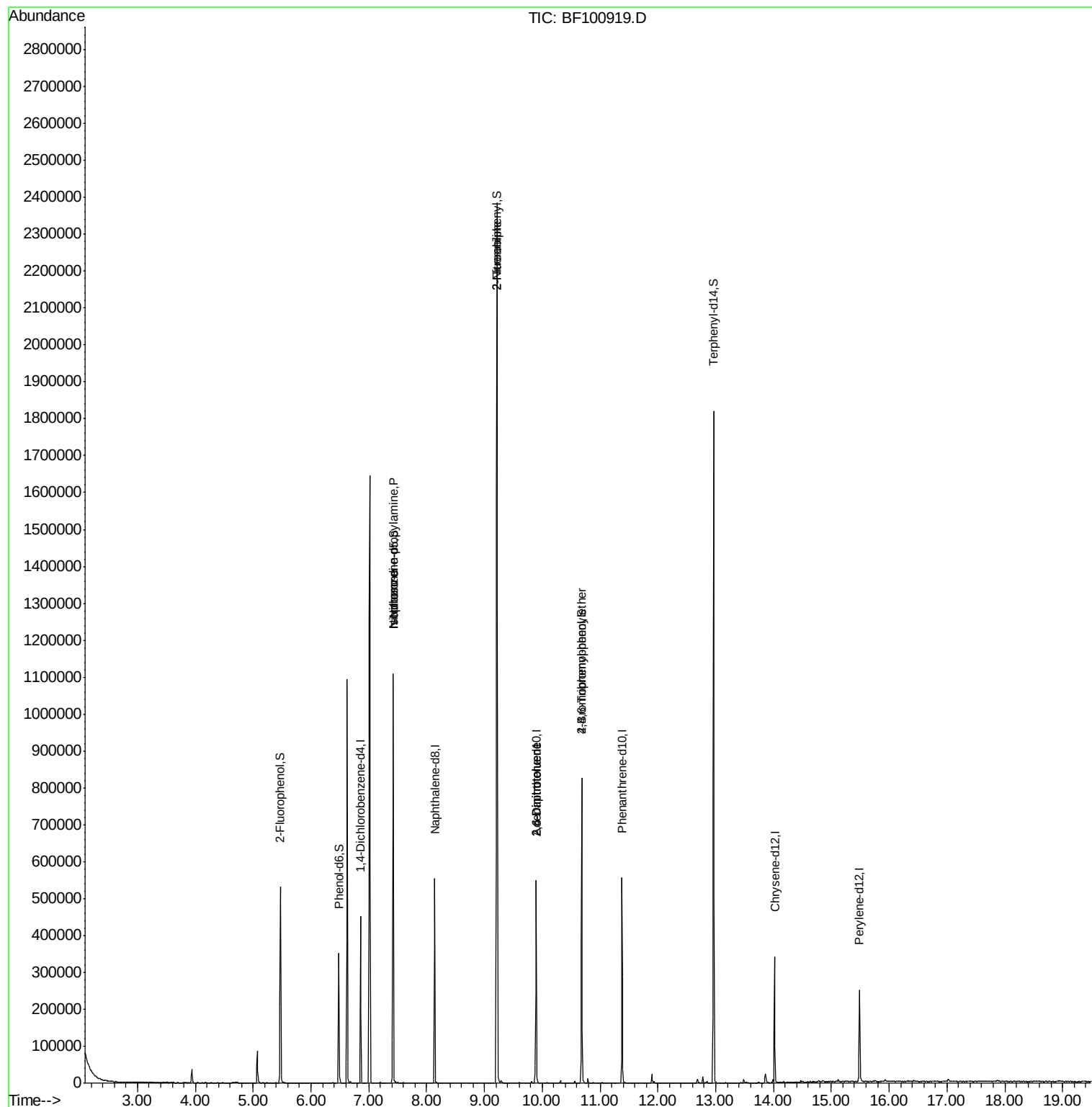
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62968	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237812	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	109114	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	188721	20.00	ng	0.00
75) Chrysene-d12	14.02	240	130776	20.00	ng	0.00
86) Perylene-d12	15.49	264	127640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	150649	38.35	ng	0.00
7) Phenol-d6	6.48	99	110839	22.88	ng	-0.01
23) Nitrobenzene-d5	7.42	82	397246	110.44	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	107246	96.46	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	797422	111.28	ng	0.00
78) Terphenyl-d14	12.97	244	599900	105.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	51705	15.392	ng	# 81
25) Isophorone	7.42	82	397300	52.561	ng	# 64
47) 2-Nitroaniline	9.22	65	1184	3.335	ng	# 10
50) 2,6-Dinitrotoluene	9.89	165	13609	8.253	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13609	6.542	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6642	3.283	ng	# 1

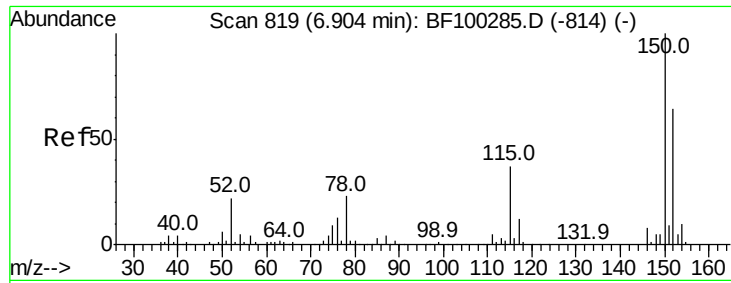
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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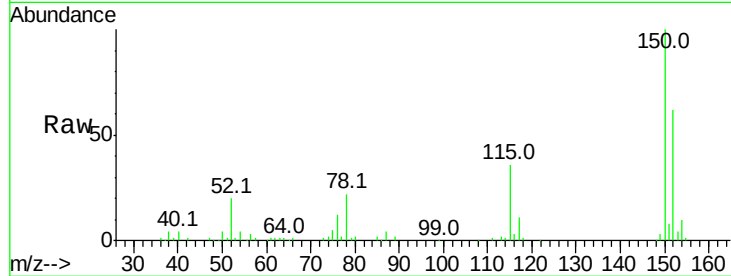


#1

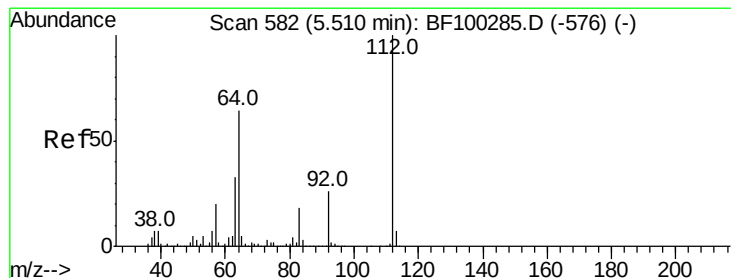
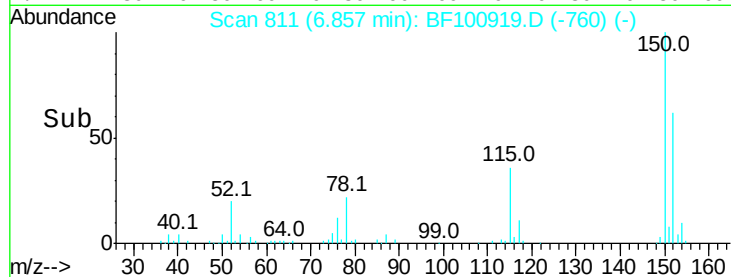
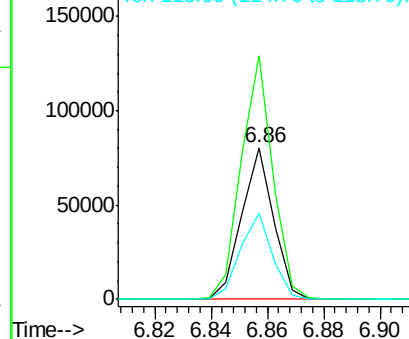
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 62968
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 57.3 50.1 75.1



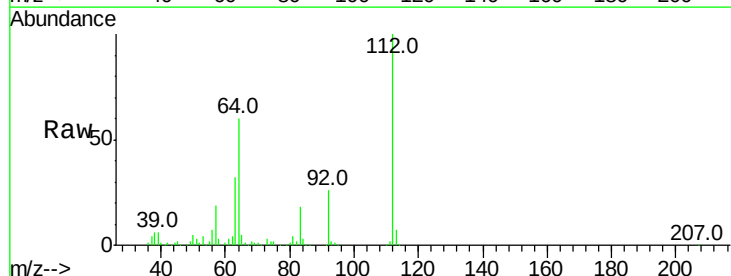
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



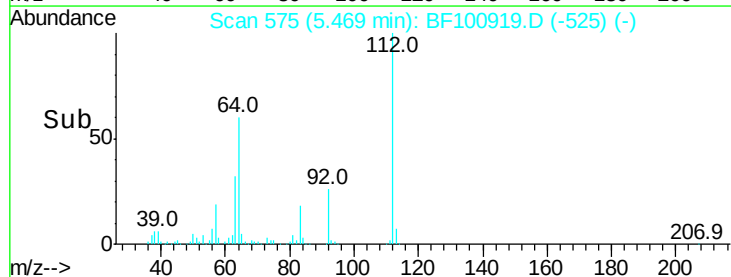
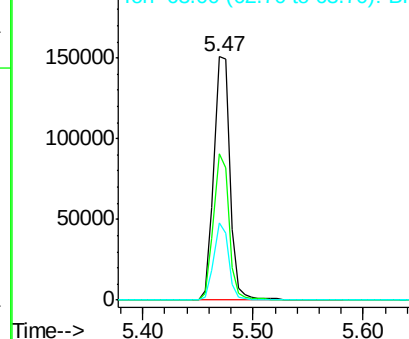
#5

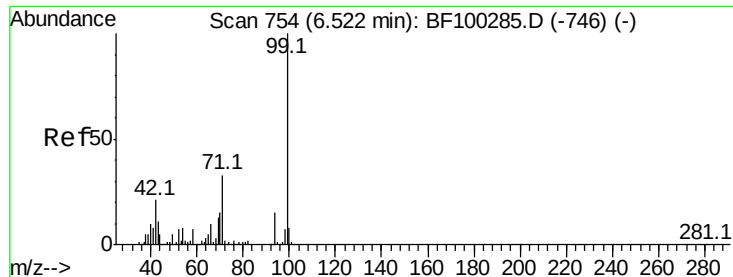
2-Fluorophenol
 Concen: 38.351 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion:112 Resp: 150649
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 31.5 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: 22.882 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Instrument :

BNA_F

ClientSampleId :

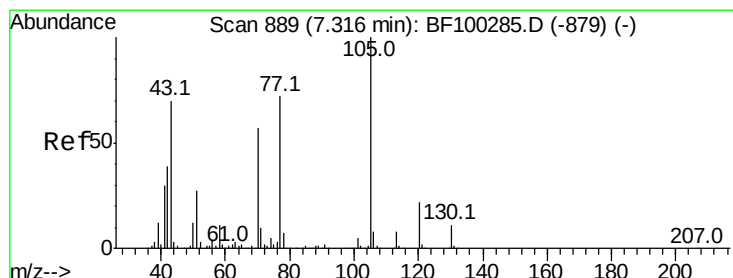
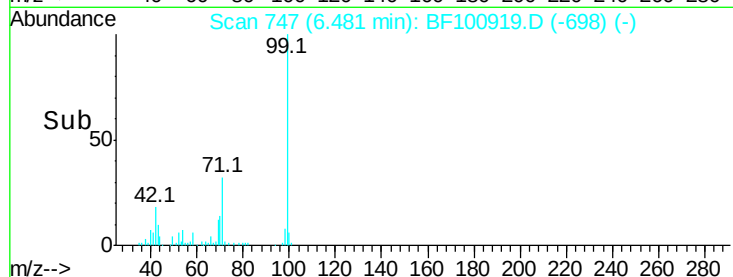
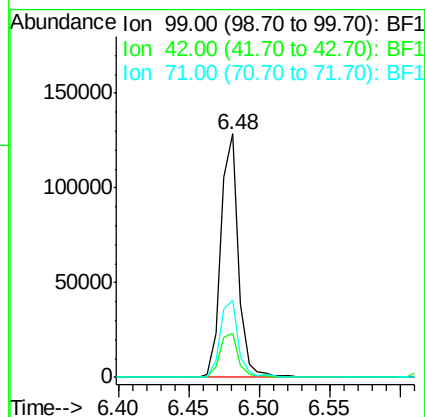
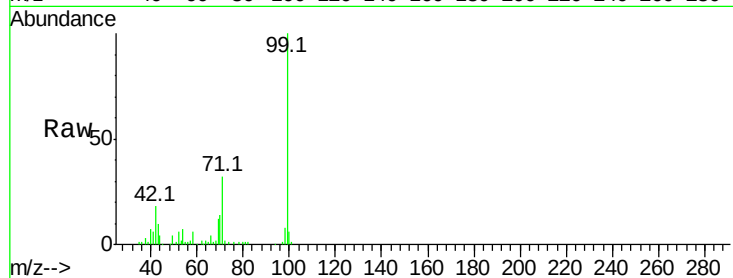
Tot Ion: 99 Resp: 110839

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.392 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Tgt Ion: 70 Resp: 51705

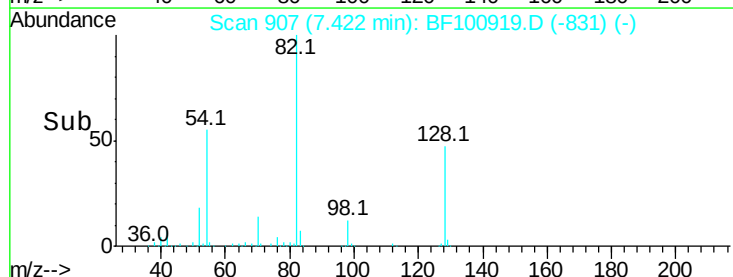
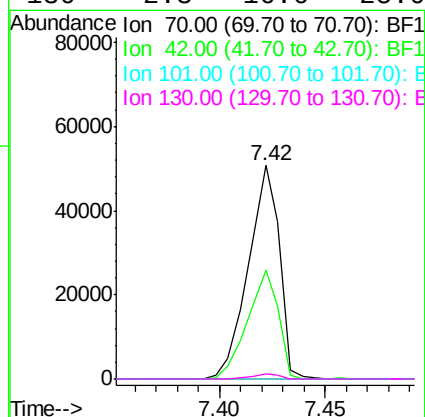
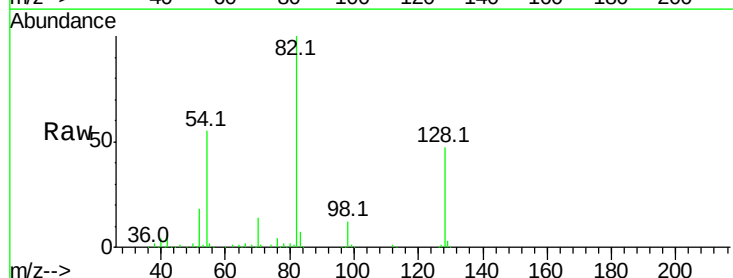
Ion Ratio Lower Upper

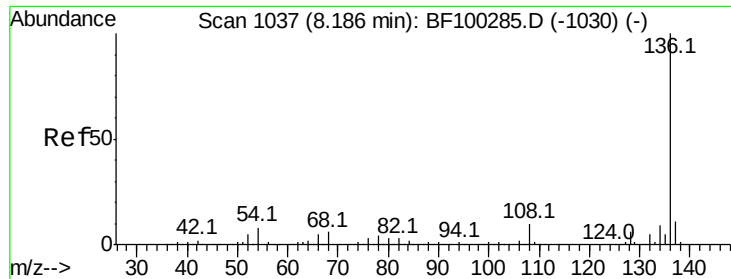
70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

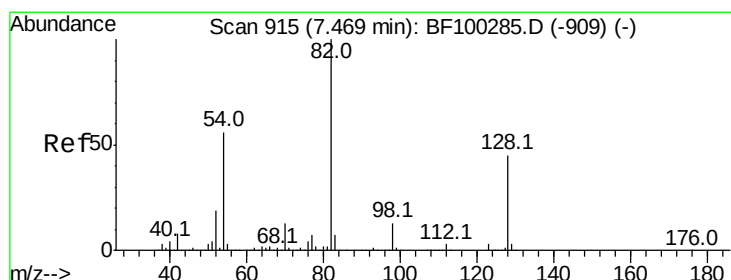
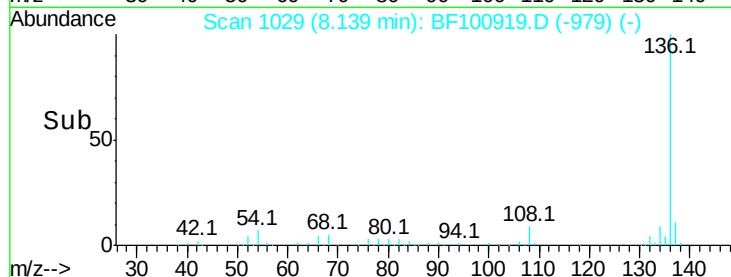
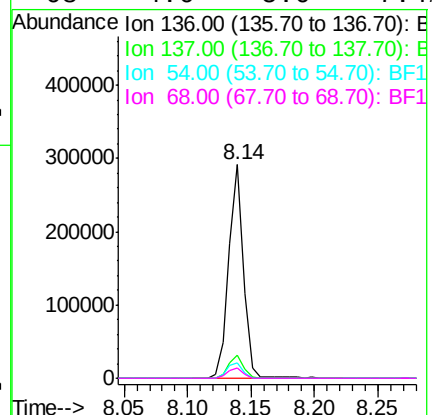
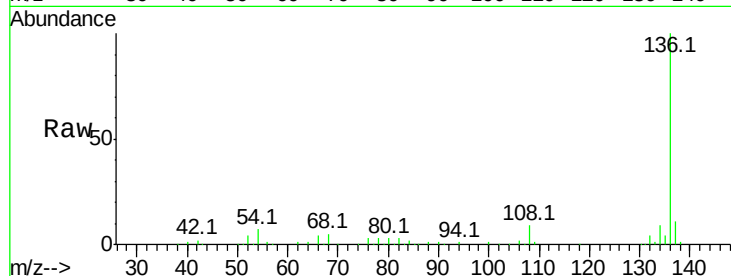




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

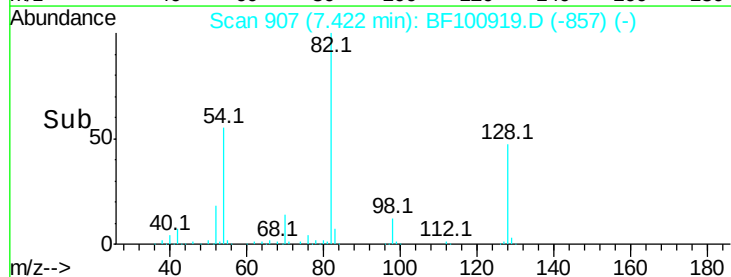
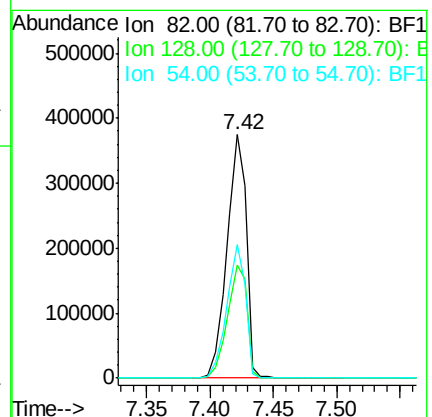
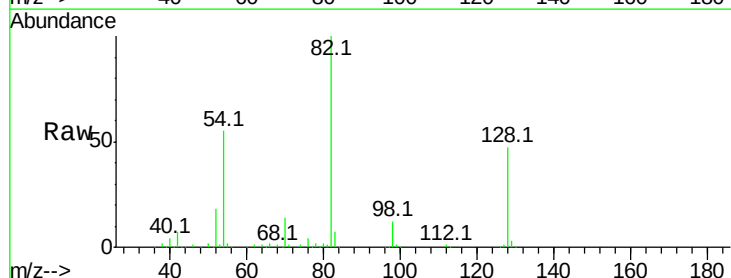
Instrument :
BNA_F
ClientSampleId :

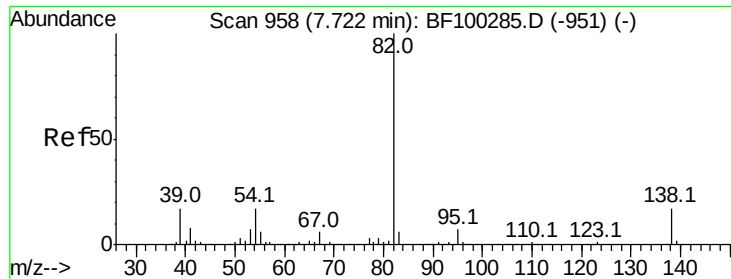
Tot Ion:	136	Resp:	237812
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 110.437 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

Tgt Ion:	82	Resp:	397246
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	55.0	41.4	62.2





#25

Isophorone

Concen: 52.561 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Instrument :

BNA_F

ClientSampleId :

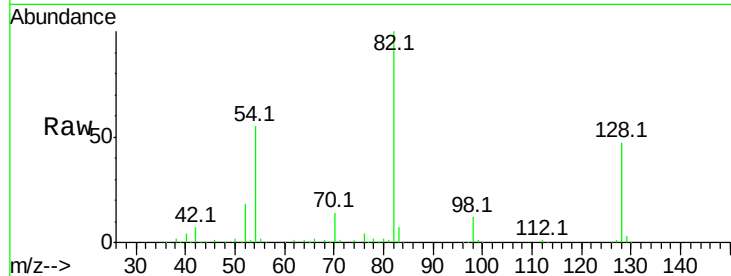
Tot Ion: 82 Resp: 397300

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

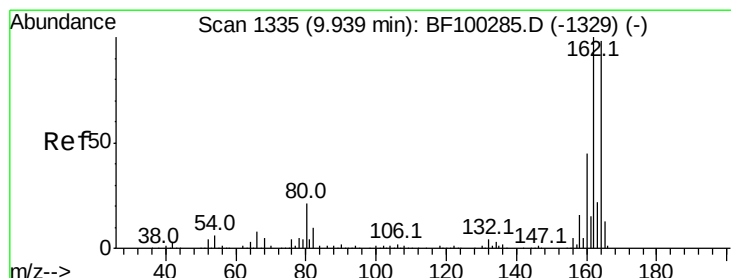
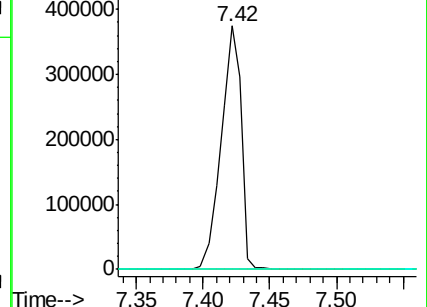
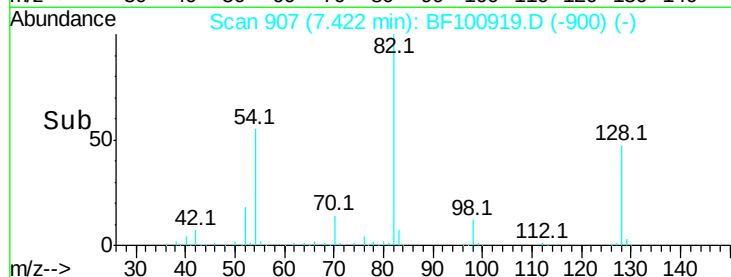
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

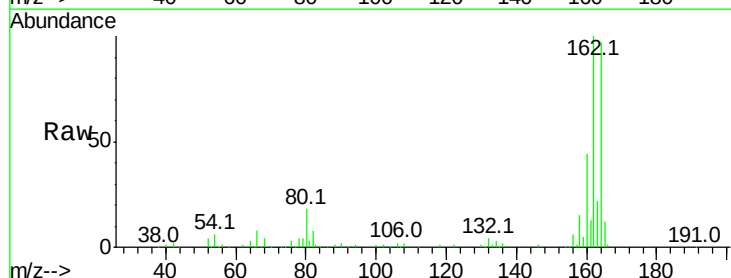
Tgt Ion:164 Resp: 109114

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

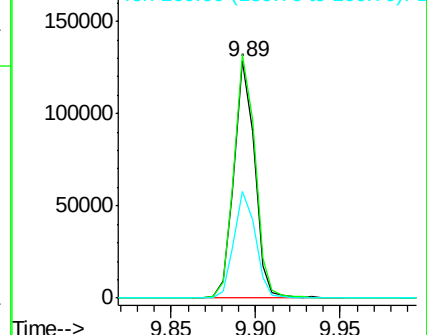
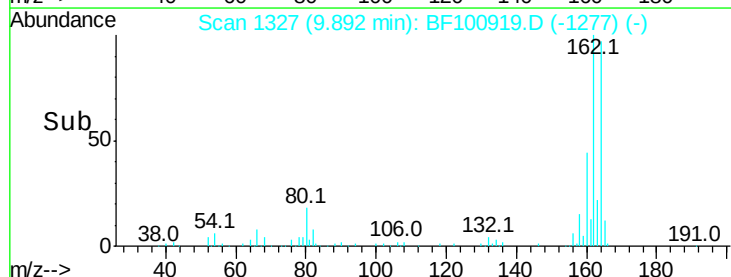
160 45.1 38.3 57.5

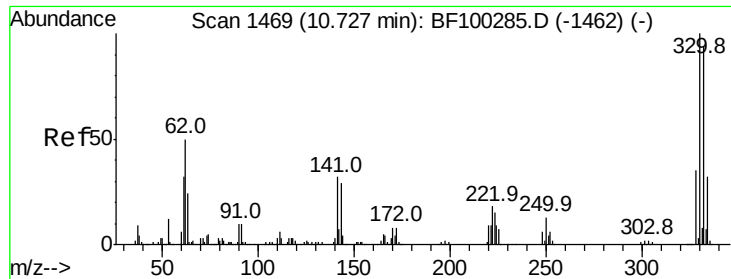


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

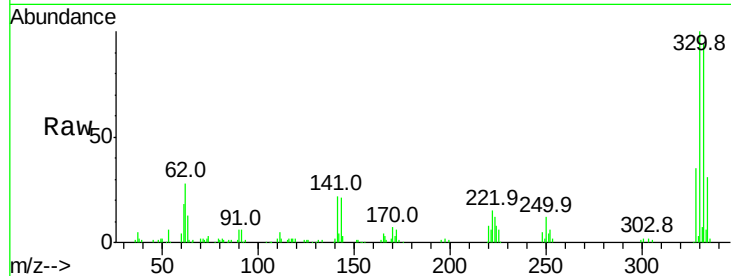




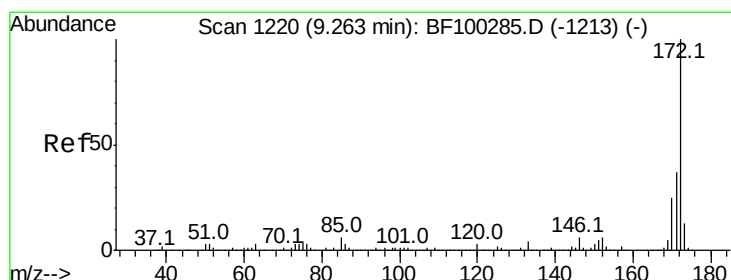
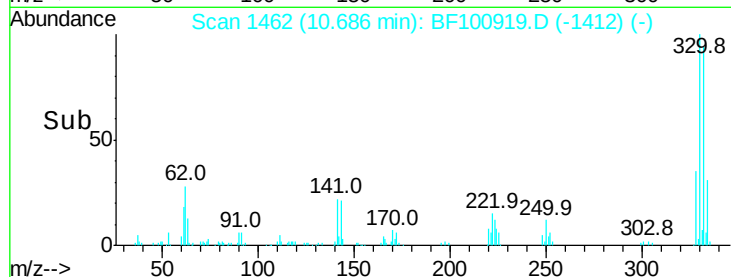
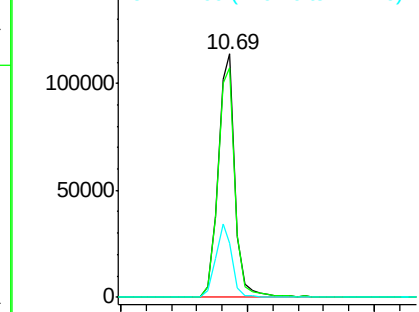
#41
 2,4,6-Tribromophenol
 Concen: 96.455 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.9	29.9	44.9#

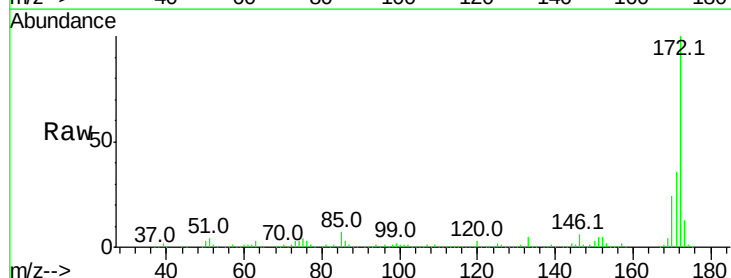


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

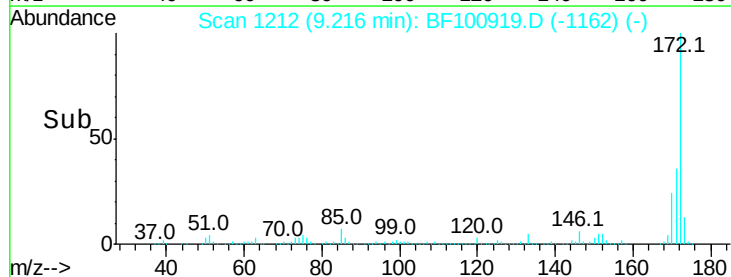
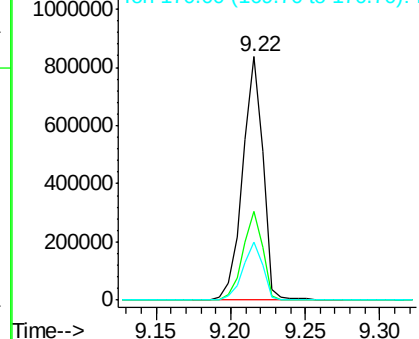


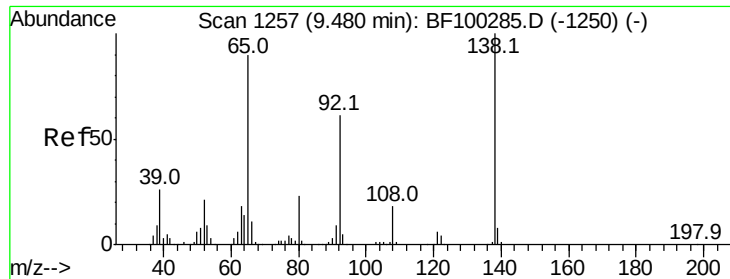
#44
 2-Fluorobiphenyl
 Concen: 111.282 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	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





#47

2-Nitroaniline

Concen: 3.335 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.23 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Instrument :

BNA_F

ClientSampleId :

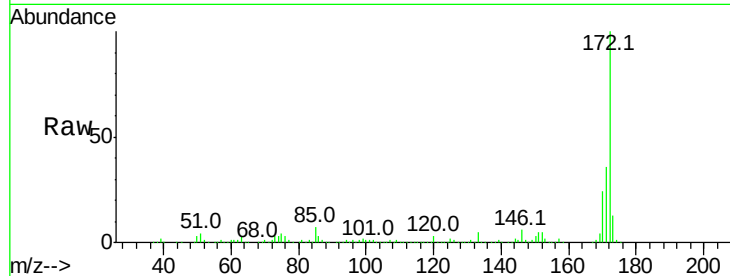
Tot Ion: 65 Resp: 1184

Ion Ratio Lower Upper

65 100

92 170.7 55.8 83.6#

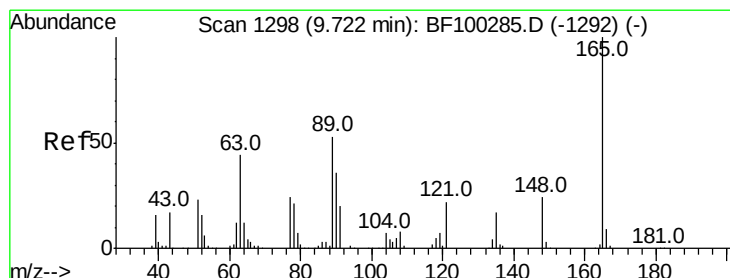
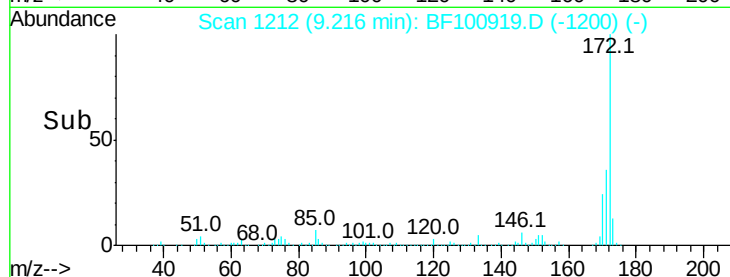
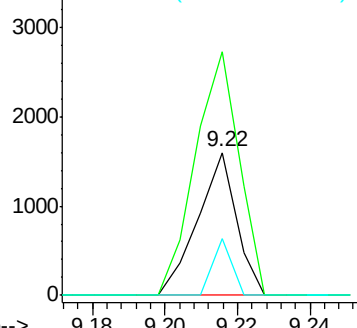
138 39.4 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.253 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

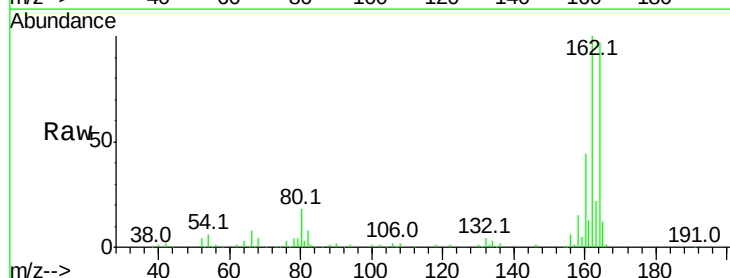
Tgt Ion:165 Resp: 13609

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

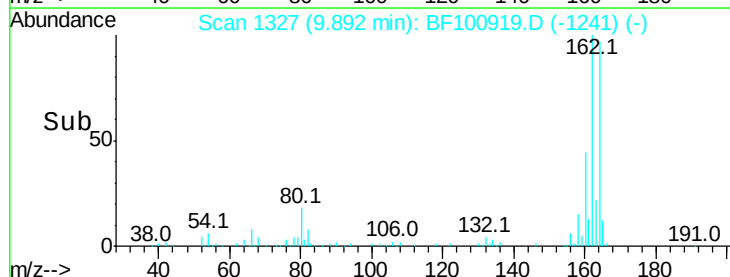
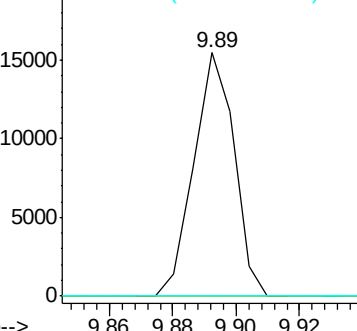
89 0.0 44.0 66.0#

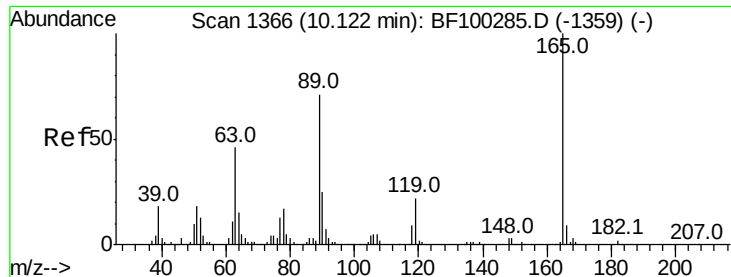


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

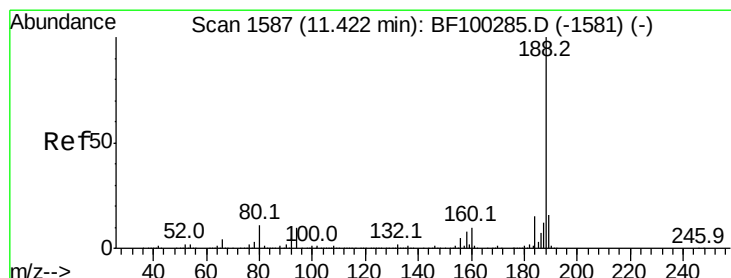
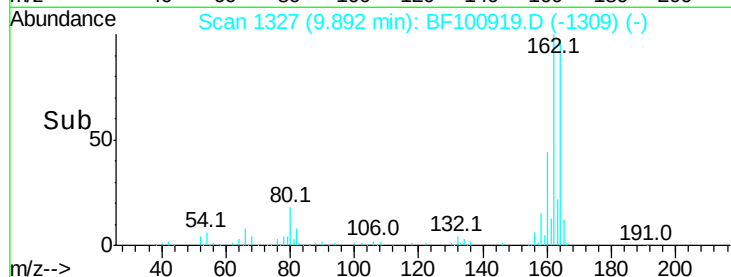
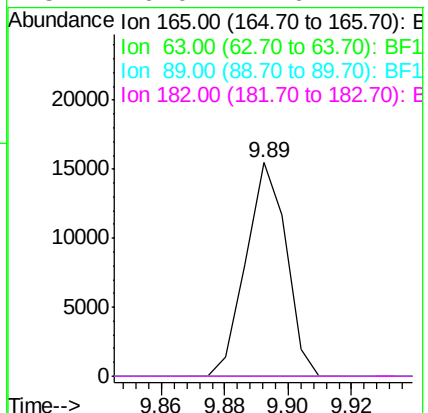
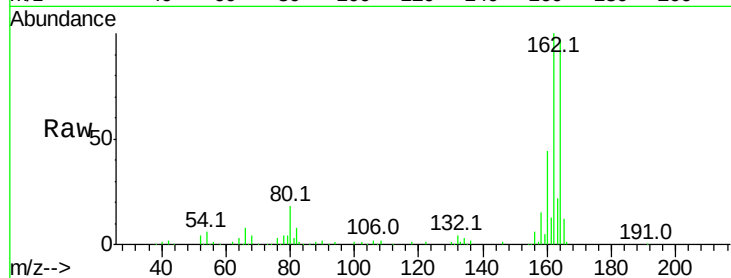




#56
 2,4-Dinitrotoluene
 Concen: 6.542 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

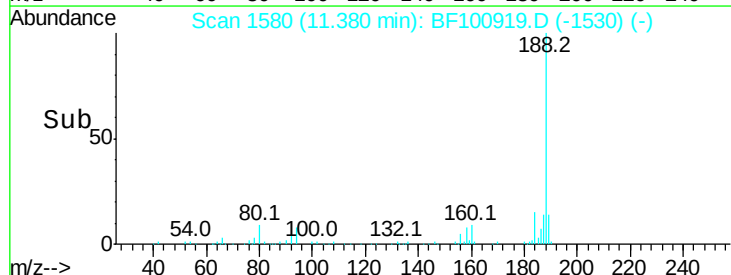
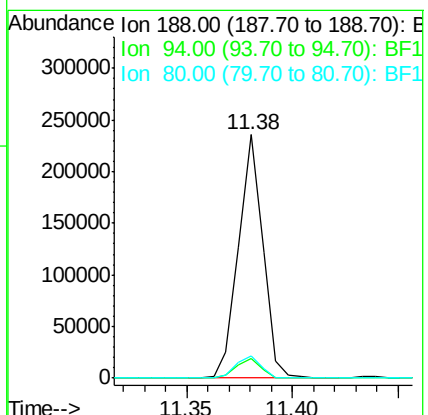
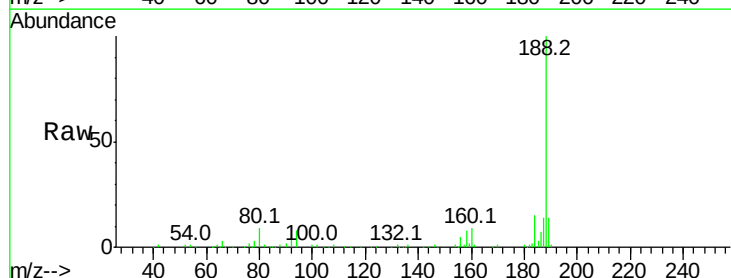
Instrument :
 BNA_F
 ClientSampleId :

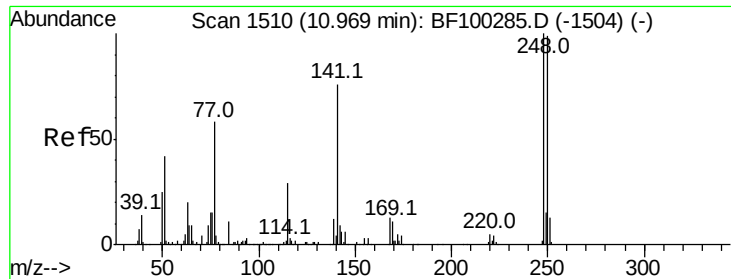
Tot Ion:165	Resp:	13609
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion:188	Resp:	188721
Ion Ratio	Lower	Upper
188	100	
94	8.1	8.5 12.7#
80	8.9	9.2 13.8#

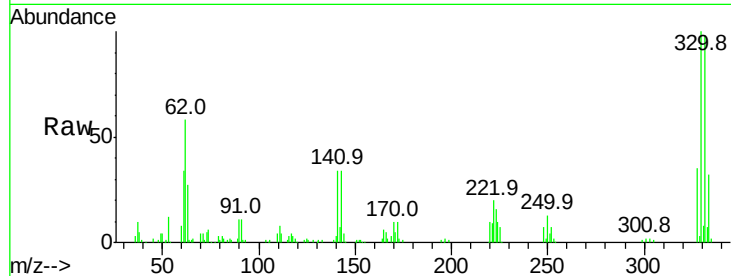




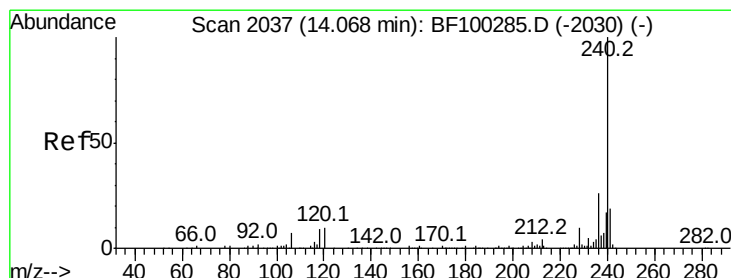
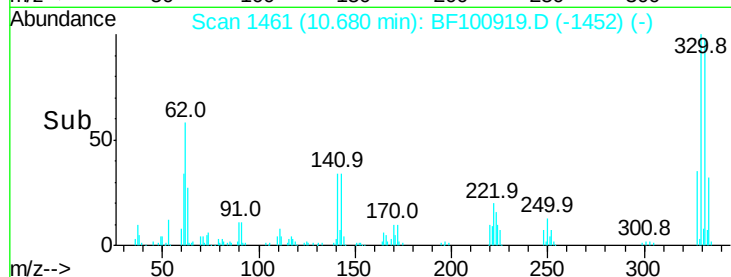
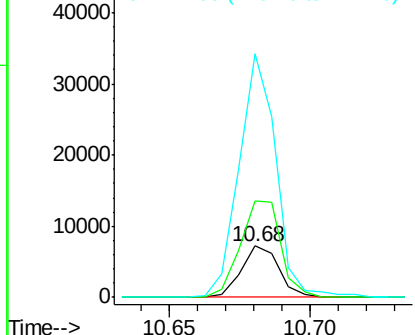
#66
4-Bromophenyl-phenylether
Concen: 3.283 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6642
Ion Ratio Lower Upper
248 100
250 188.3 76.9 115.3#
141 476.7 74.4 111.6#

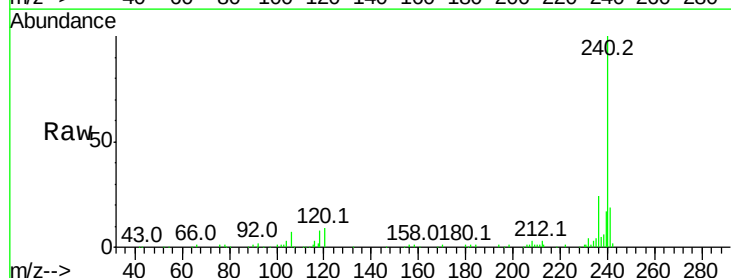


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

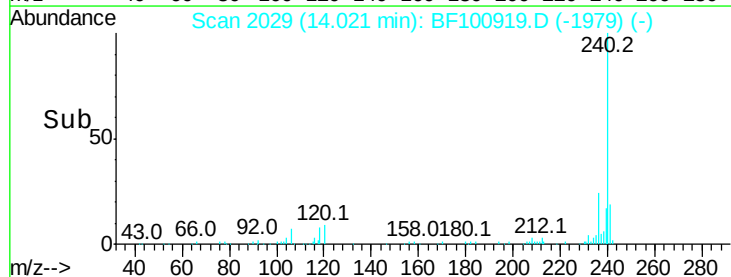
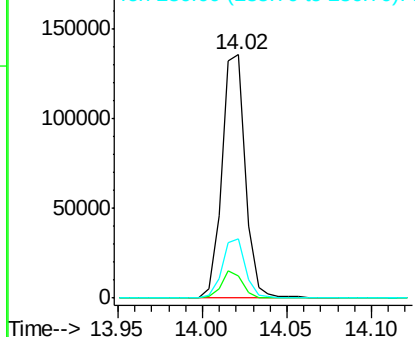


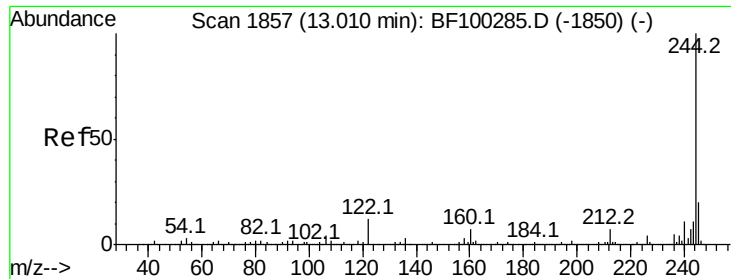
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

Tgt Ion:240 Resp: 130776
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 24.4 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

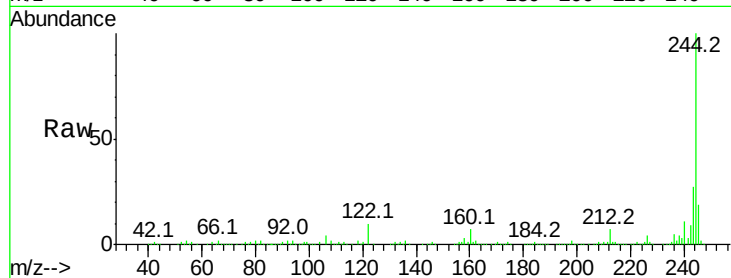




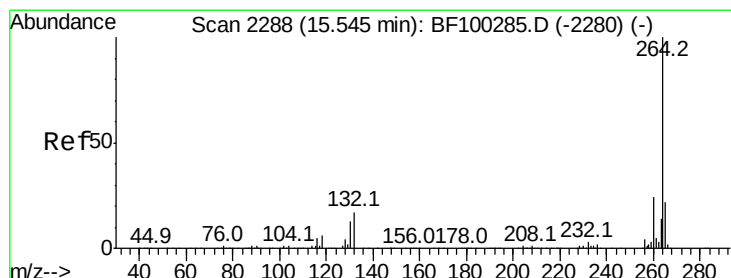
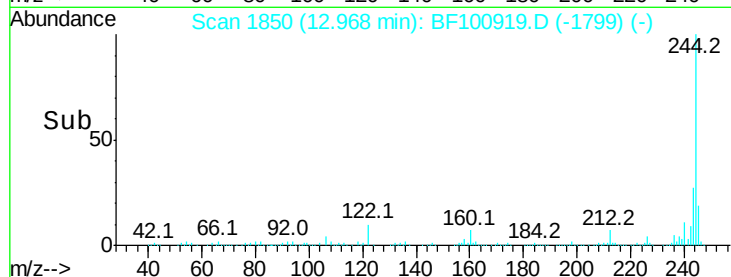
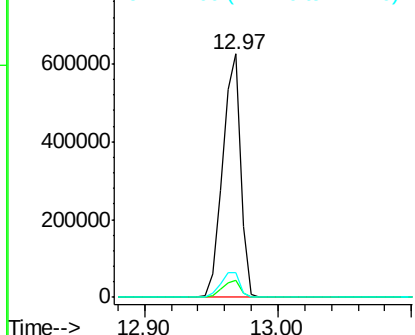
#78
 Terphenyl-d14
 Concen: 105.401 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 599900
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.0 11.0 16.4#

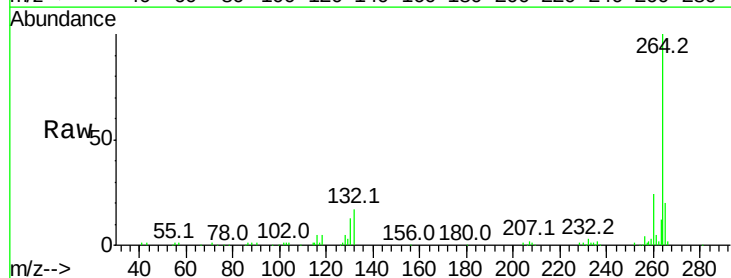


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion:264 Resp: 127640
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.2 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

