

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100965.D
 Acq On : 29 Nov 2017 6:11
 Operator : SJ/JU
 Sample : I6603-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 09:45:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

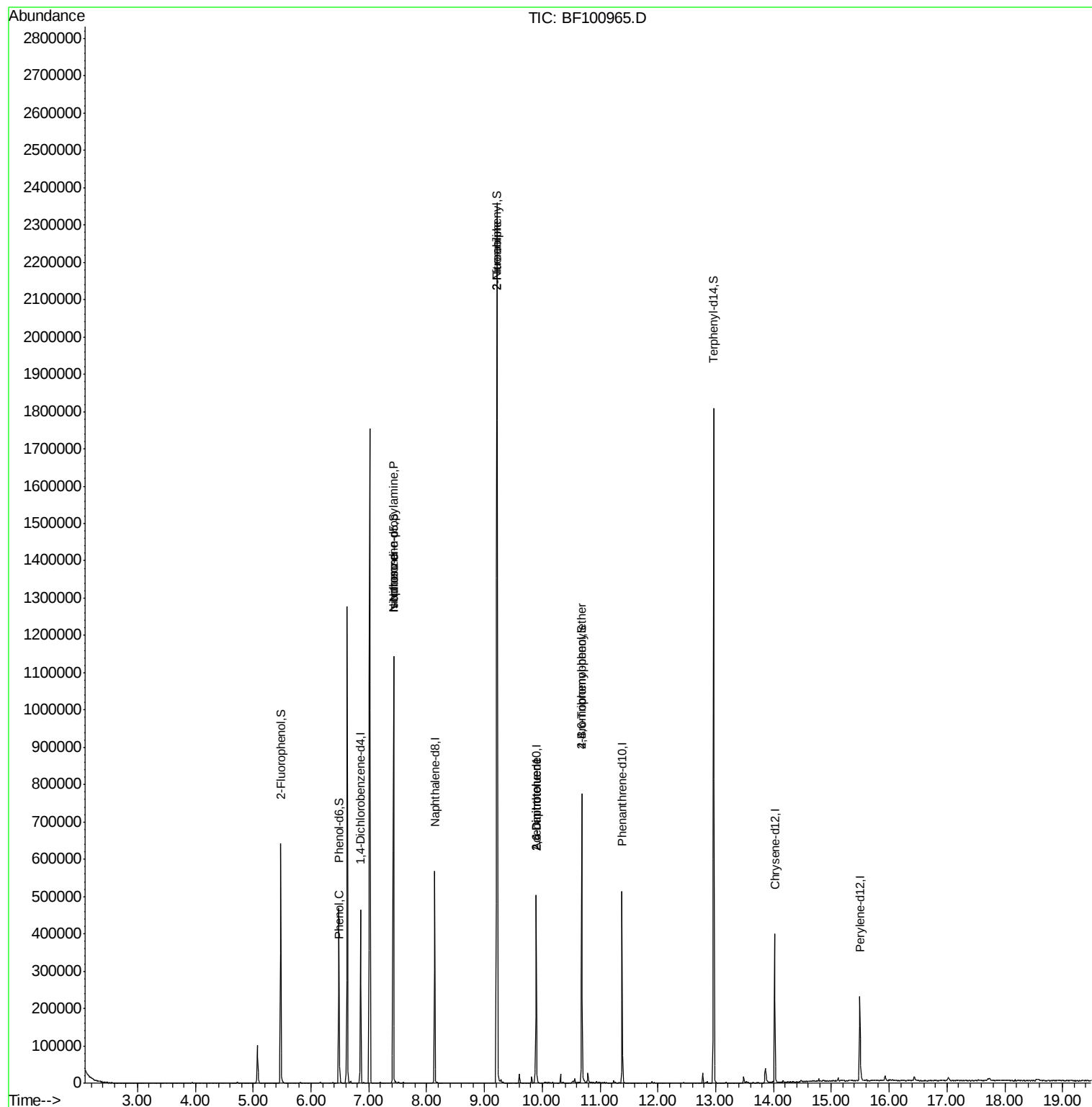
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63622	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237683	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	106602	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	184929	20.00	ng	0.00
75) Chrysene-d12	14.02	240	137174	20.00	ng	0.00
86) Perylene-d12	15.49	264	114985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	163190	41.12	ng	0.00
7) Phenol-d6	6.48	99	134156	27.41	ng	-0.01
23) Nitrobenzene-d5	7.43	82	399664	111.17	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	105989	97.57	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	816648	116.65	ng	0.00
78) Terphenyl-d14	12.97	244	579894	97.13	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12616	2.455	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	53932	15.890	ng	# 81
25) Isophorone	7.43	82	399658	52.901	ng	# 64
47) 2-Nitroaniline	9.22	65	932	3.228	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13045	8.097	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	13045	6.418	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	6676	3.368	ng	# 1

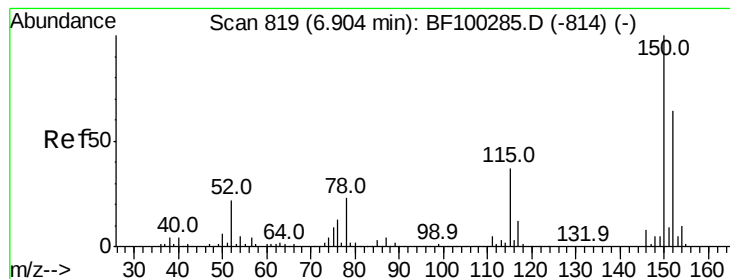
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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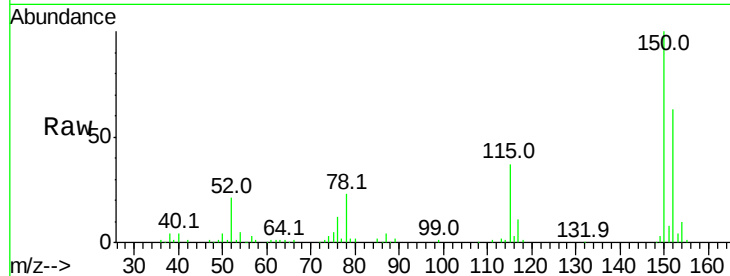


#1

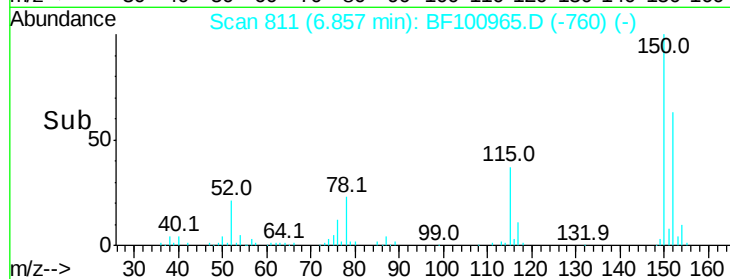
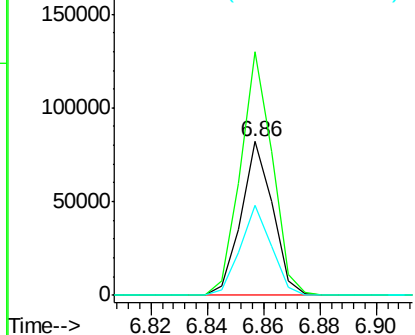
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100965.D
Acq: 29 Nov 2017 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63622
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 58.5 50.1 75.1



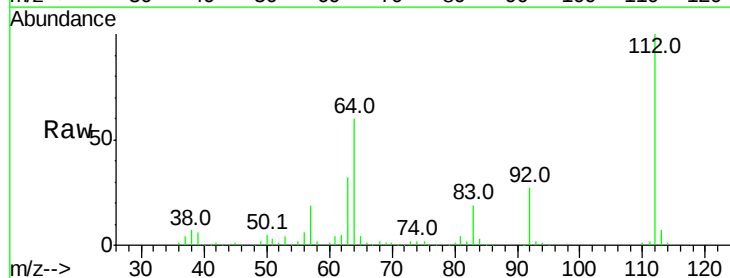
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



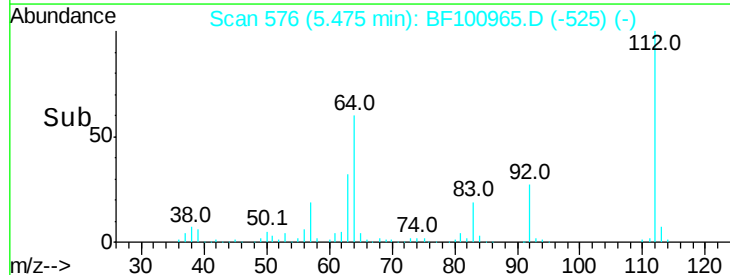
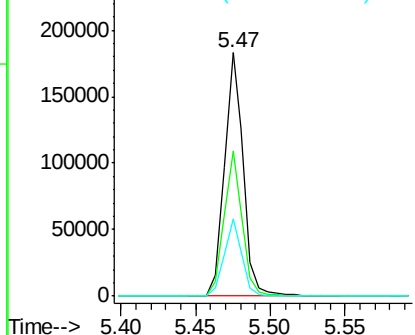
#5

2-Fluorophenol
Concen: 41.117 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100965.D
Acq: 29 Nov 2017 6:11

Tgt Ion:112 Resp: 163190
Ion Ratio Lower Upper
112 100
64 59.6 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: 27.411 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

Instrument :

BNA_F

ClientSampleId :

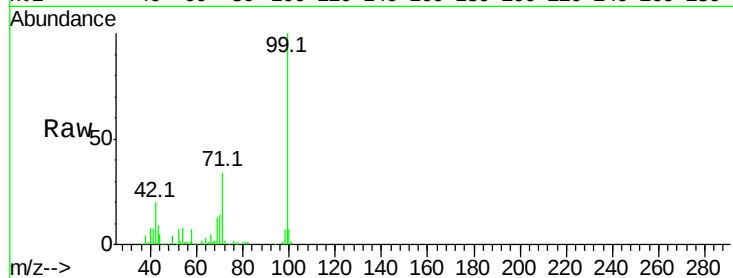
Tot Ion: 99 Resp: 134156

Ion Ratio Lower Upper

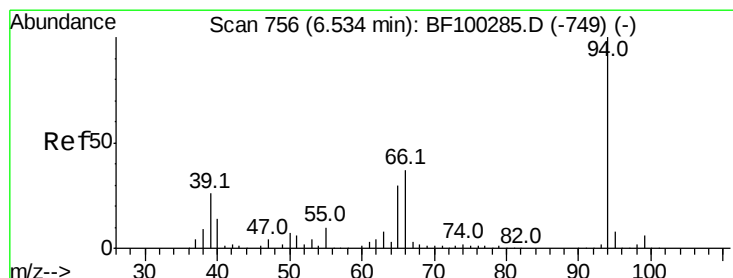
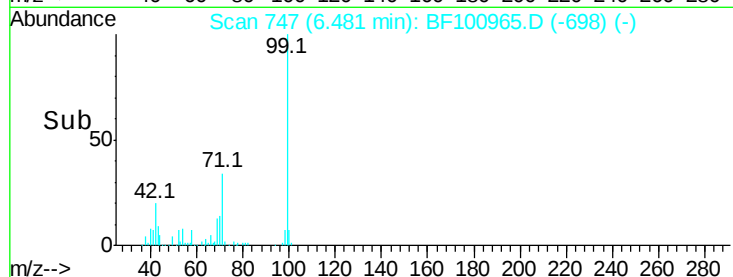
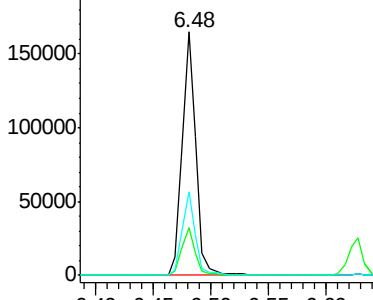
99 100

42 19.7 14.5 21.7

71 34.4 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: 2.455 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

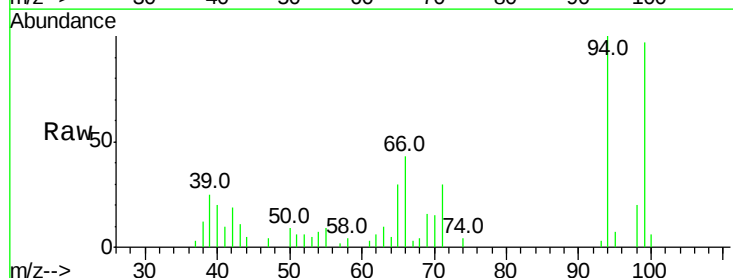
Tgt Ion: 94 Resp: 12616

Ion Ratio Lower Upper

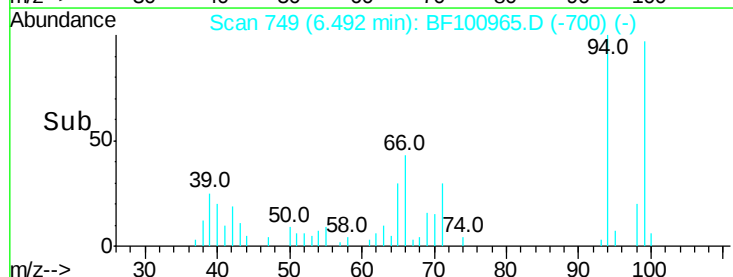
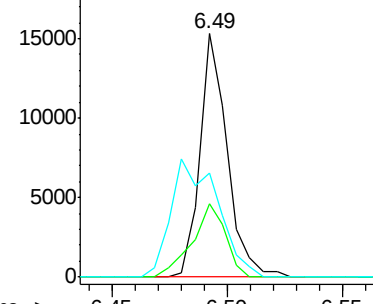
94 100

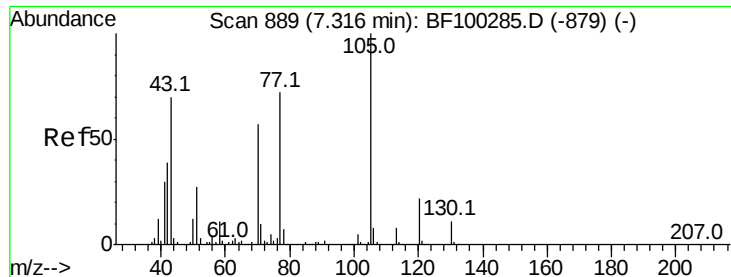
65 30.2 7.9 47.9

66 42.5 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: 15.890 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 53932

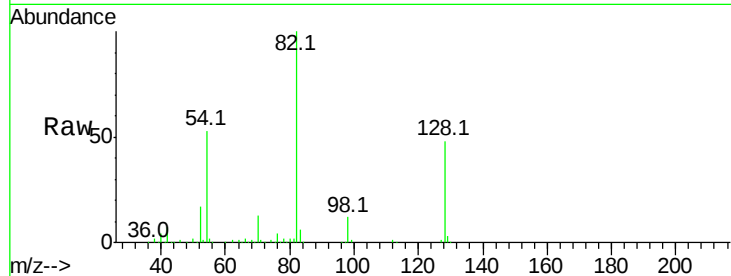
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

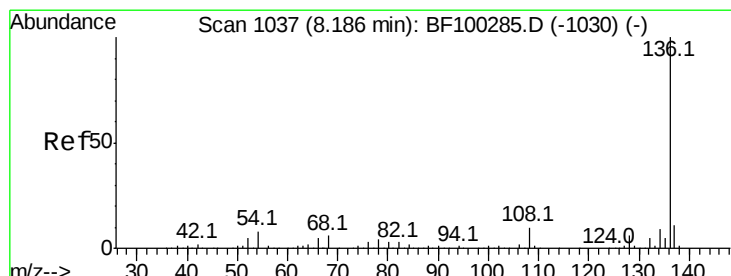
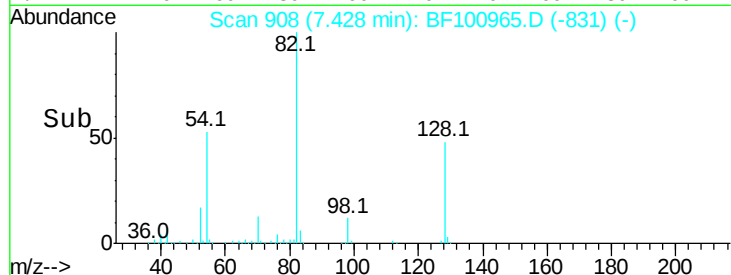
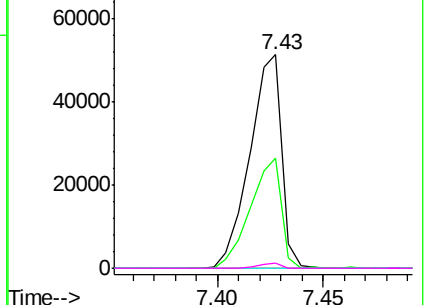


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

Tgt Ion:136 Resp: 237683

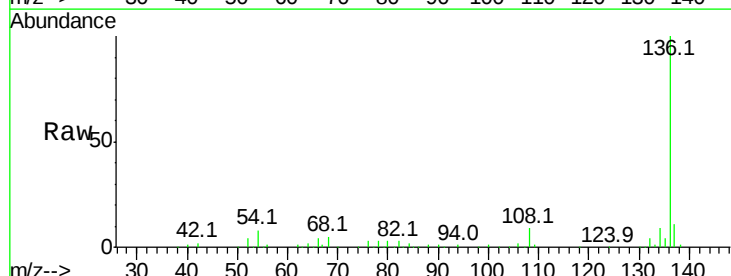
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 4.9 5.0 7.4#

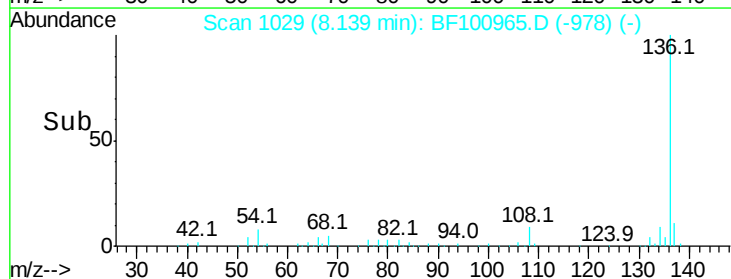
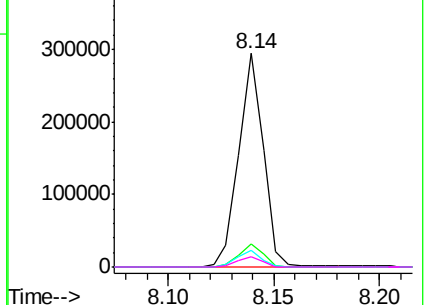


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

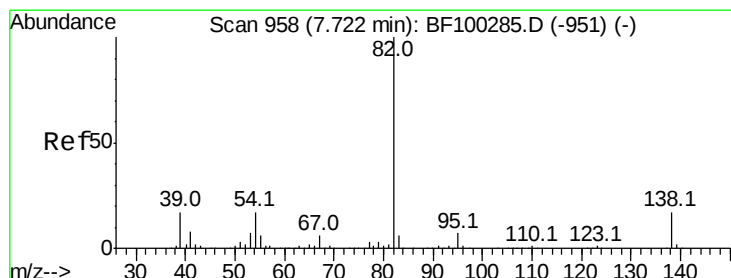
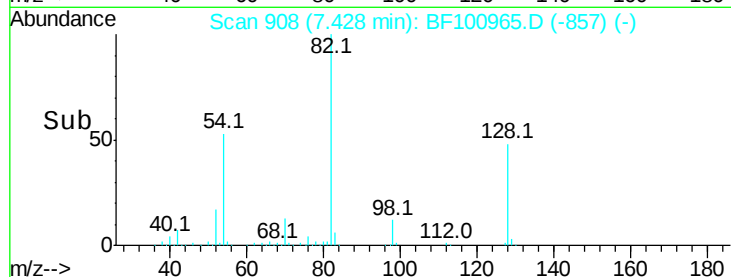
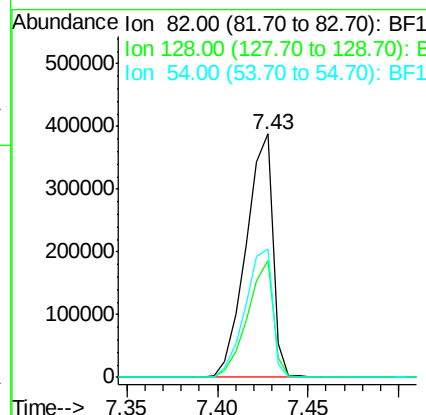
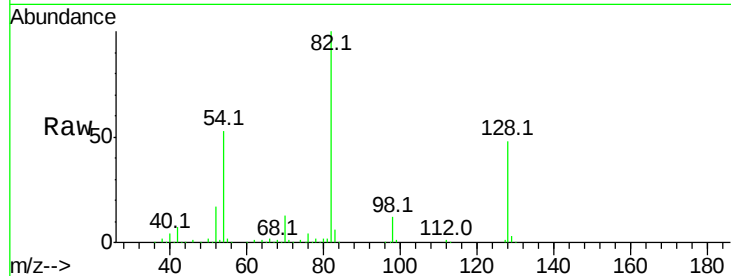




#23
 Nitrobenzene-d5
 Concen: 111.170 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

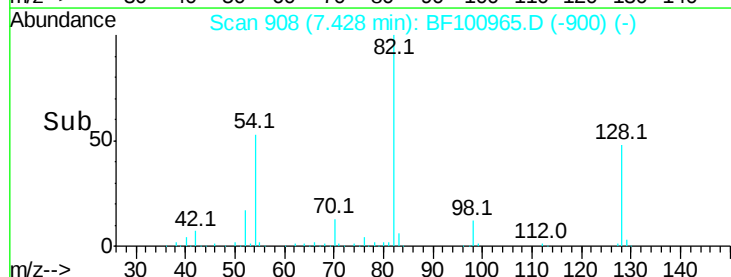
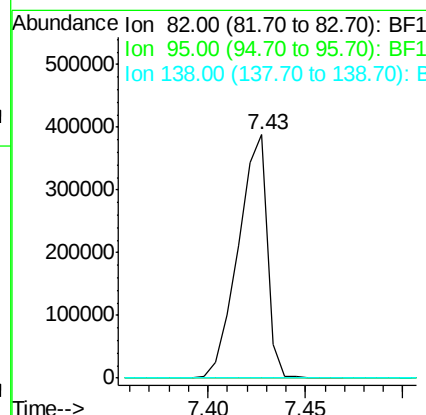
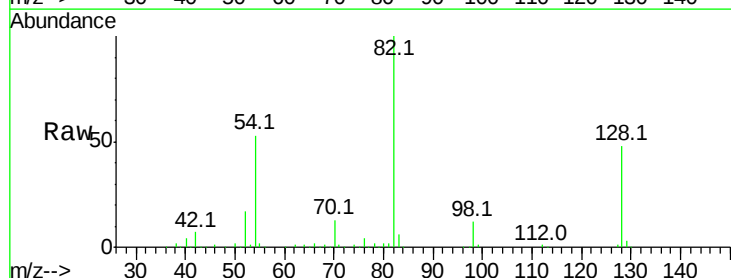
Instrument :
 BNA_F
 ClientSampleId :

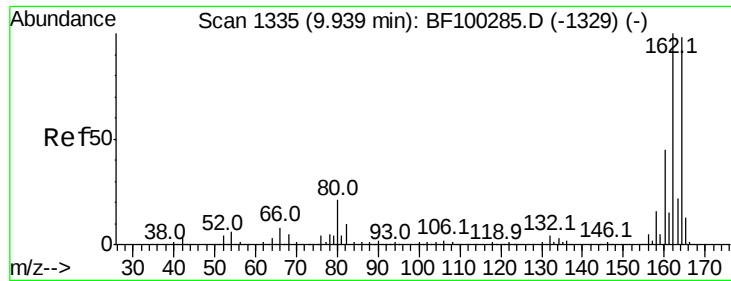
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	52.6	41.4	62.2



#25
 Isophorone
 Concen: 52.901 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.25 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

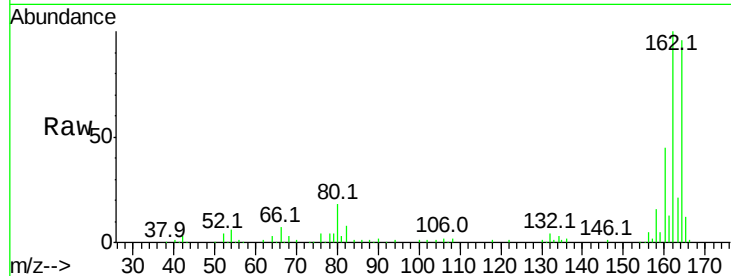




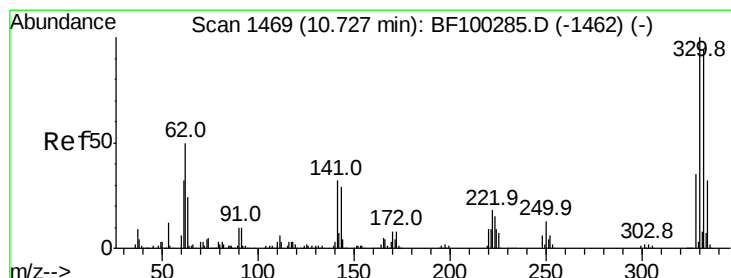
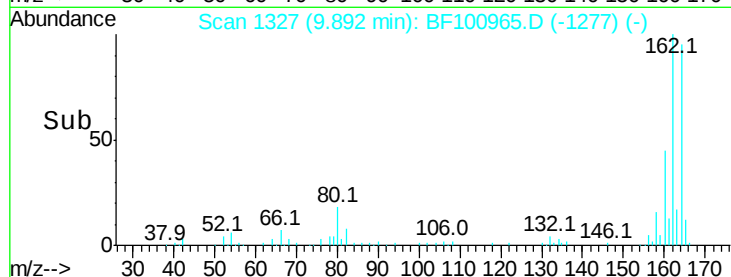
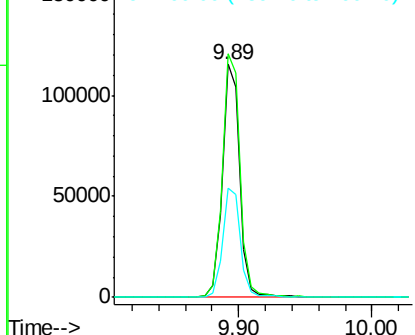
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 106602
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.1 38.3 57.5

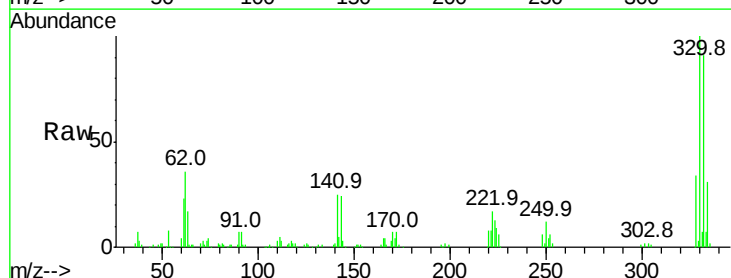


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

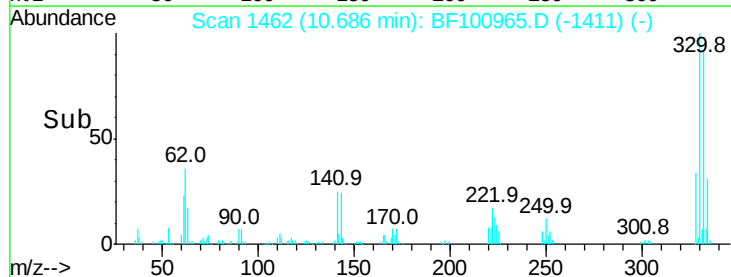
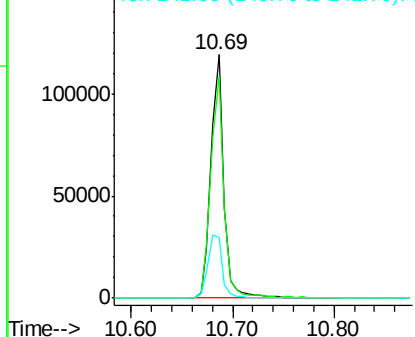


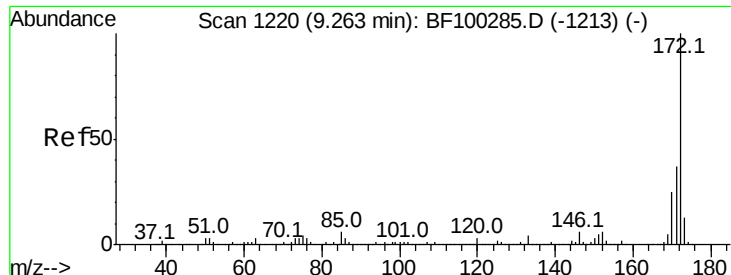
#41
 2,4,6-Tribromophenol
 Concen: 97.571 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Tgt Ion:330 Resp: 105989
 Ion Ratio Lower Upper
 330 100
 332 94.3 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

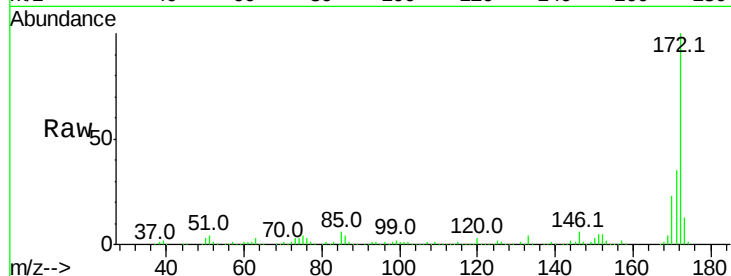




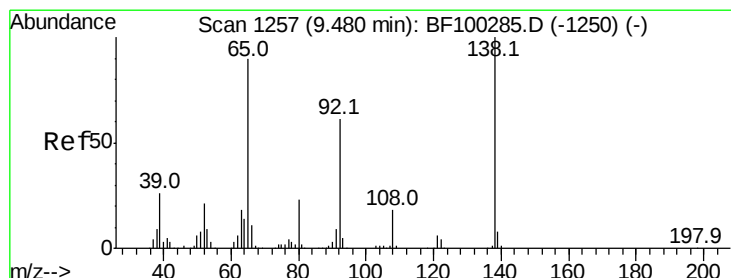
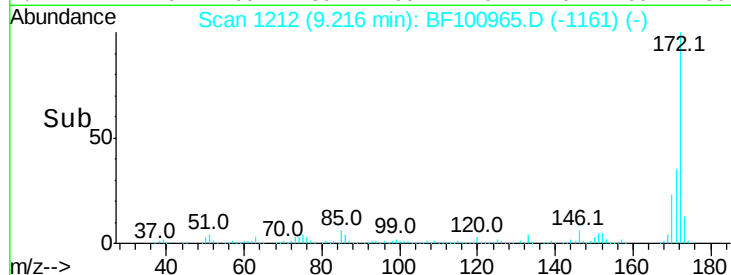
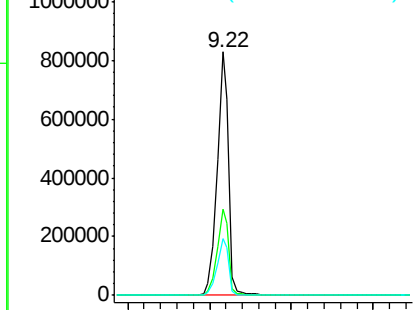
#44
 2-Fluorobiphenyl
 Concen: 116.651 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 816648
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.3 19.6 29.4

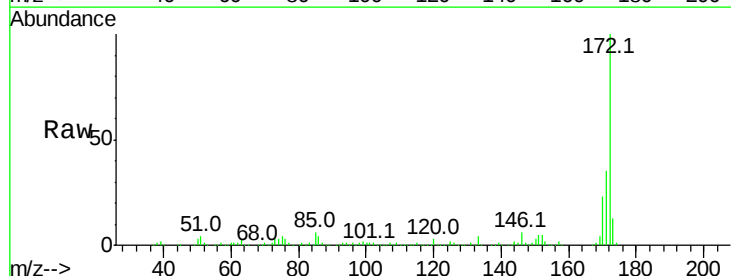


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

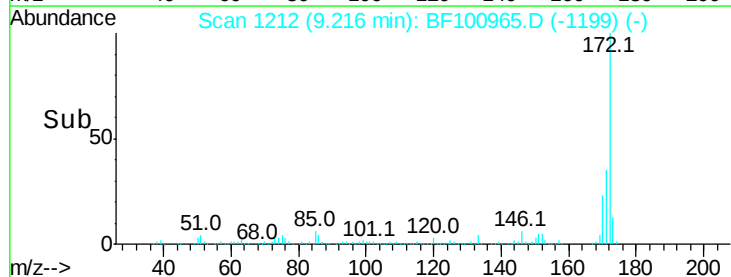
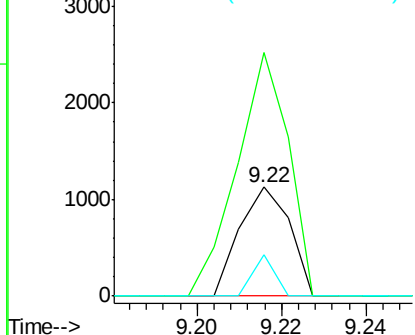


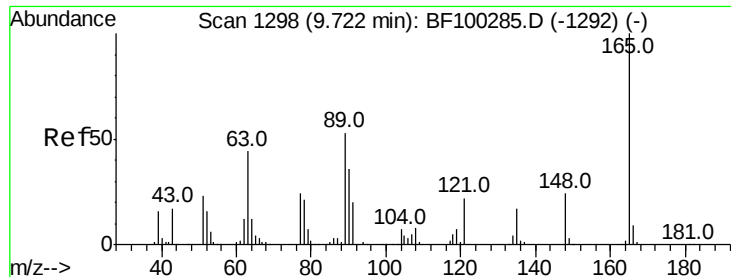
#47
 2-Nitroaniline
 Concen: 3.228 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.22 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Tgt Ion: 65 Resp: 932
 Ion Ratio Lower Upper
 65 100
 92 224.2 55.8 83.6#
 138 38.1 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): E

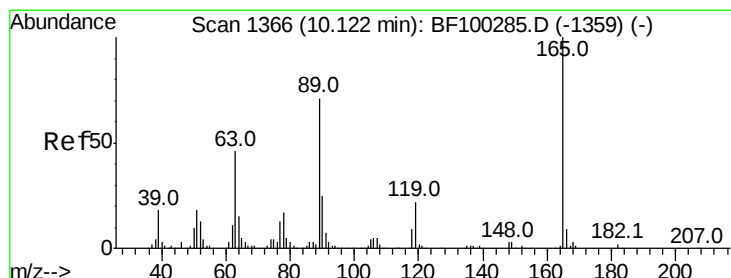
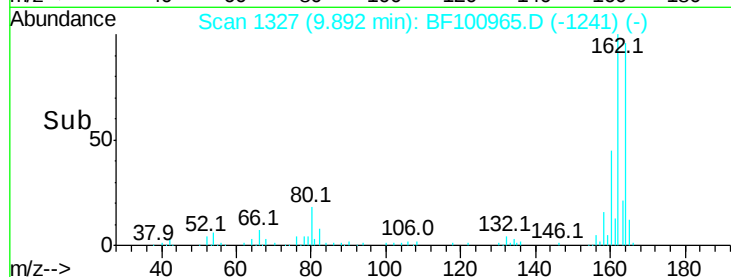
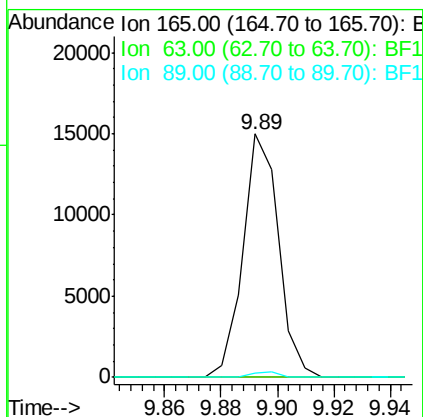
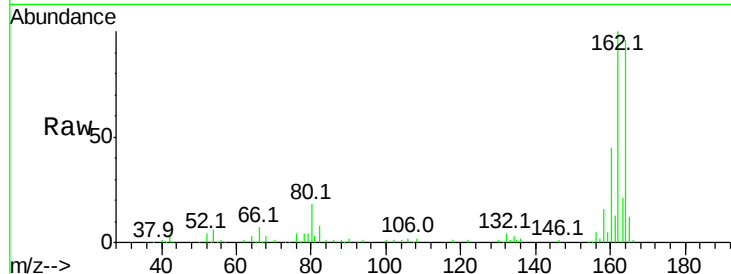




#50
 2,6-Dinitrotoluene
 Concen: 8.097 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

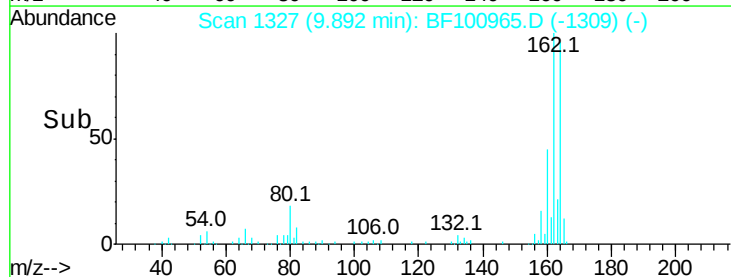
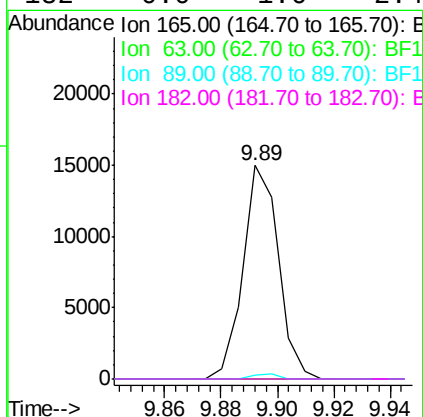
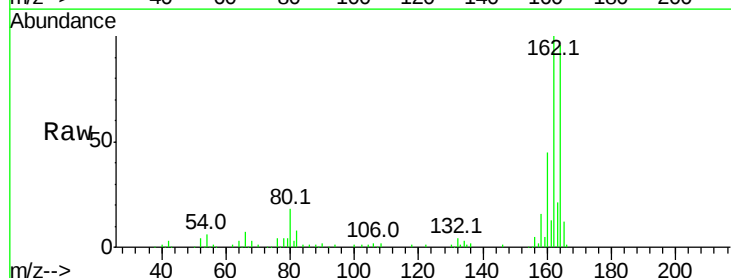
Instrument :
 BNA_F
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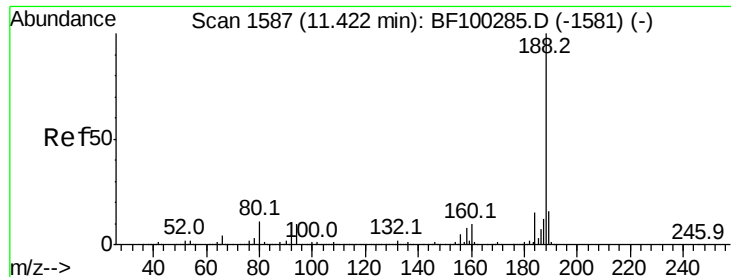
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.418 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100965.D
 Acq: 29 Nov 2017 6:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

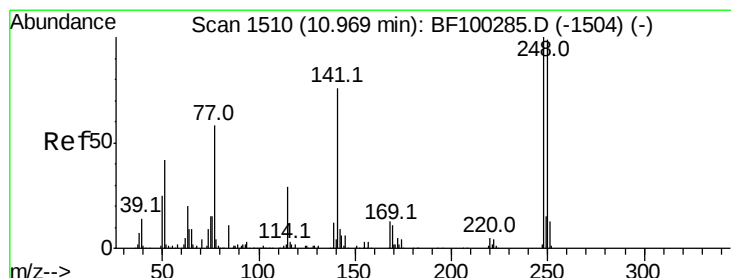
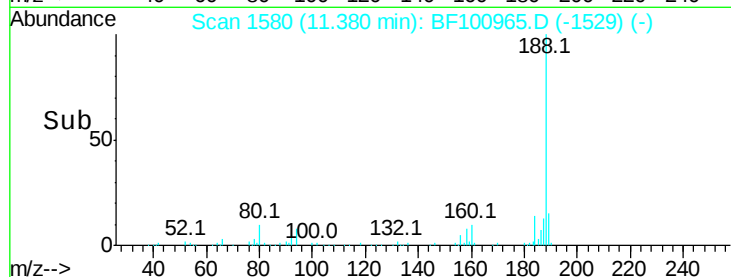
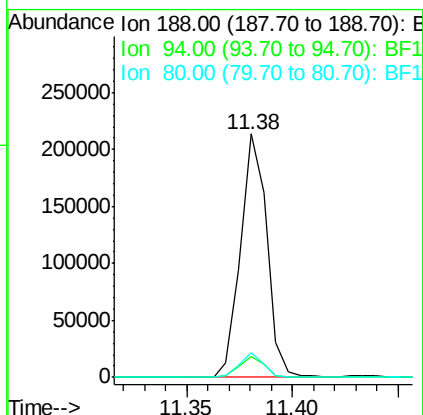
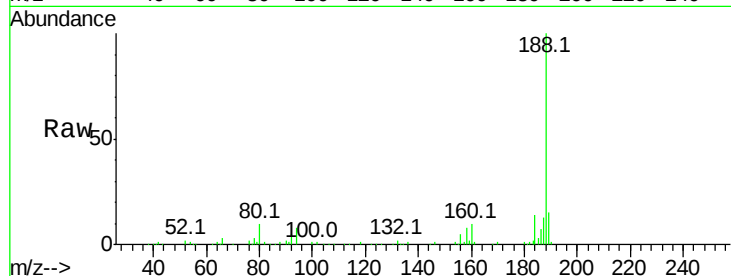




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100965.D
Acq: 29 Nov 2017 6:11

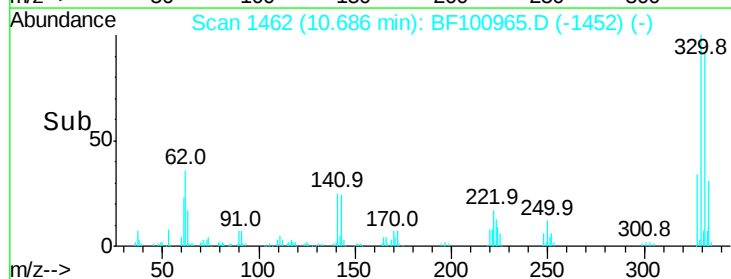
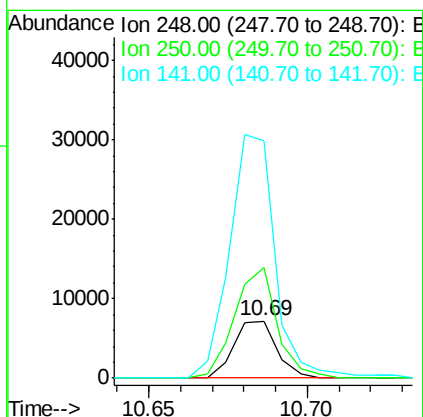
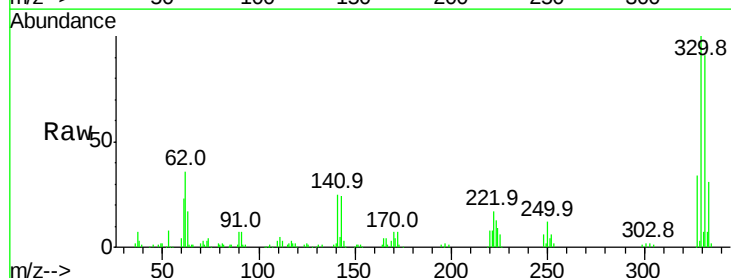
Instrument :
BNA_F
ClientSampleId :

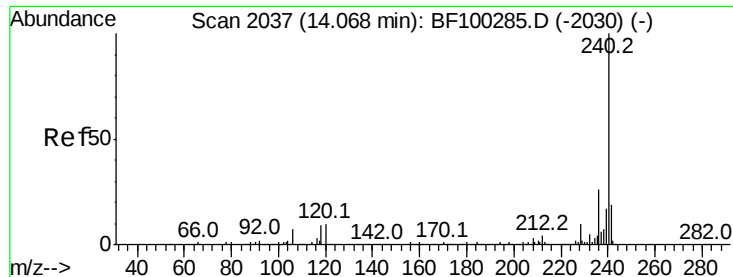
Tot Ion:188 Resp: 184929
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100965.D
Acq: 29 Nov 2017 6:11

Tgt Ion:248 Resp: 6676
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 418.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

Instrument :

BNA_F

ClientSampleId :

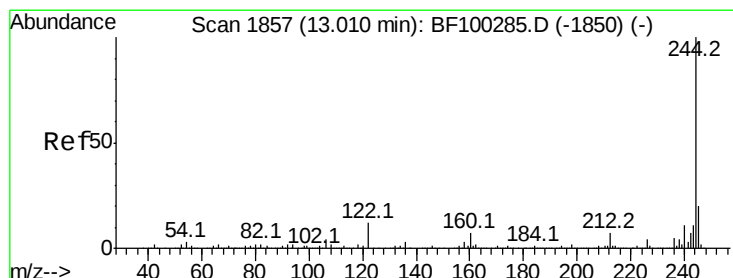
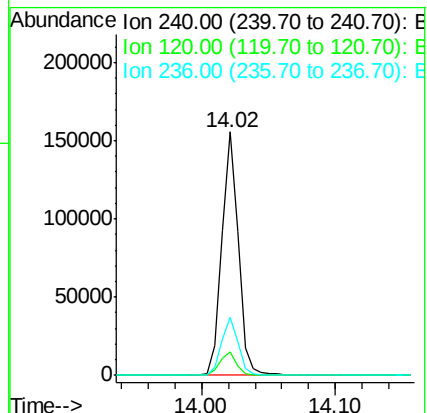
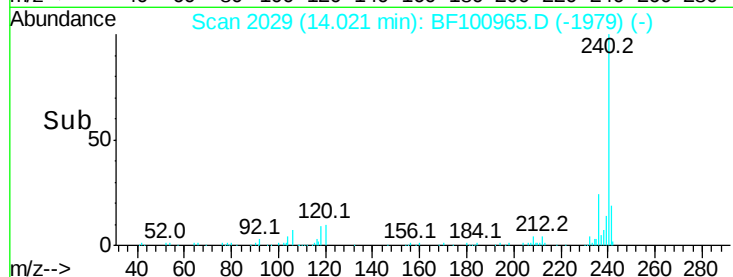
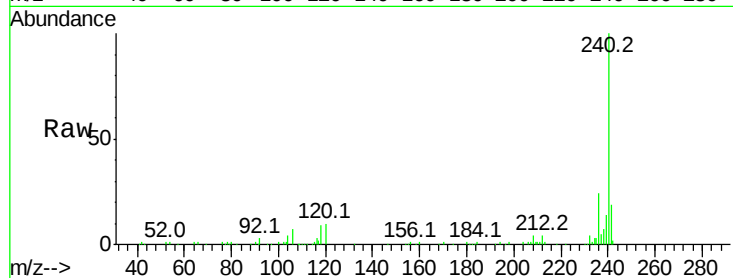
Tot Ion:240 Resp: 137174

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

236 23.9 20.7 31.1



#78

Terphenyl-d14

Concen: 97.134 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100965.D

Acq: 29 Nov 2017 6:11

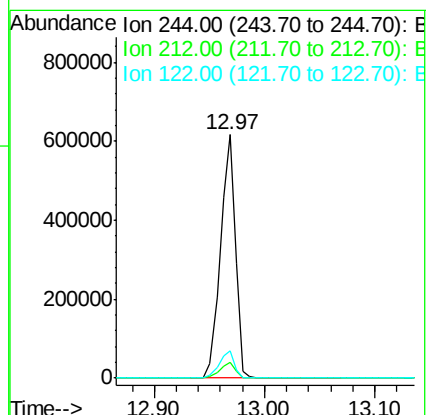
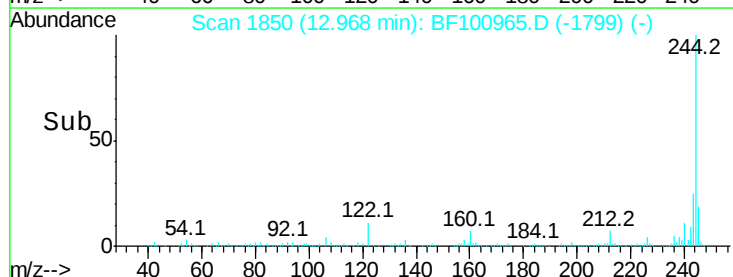
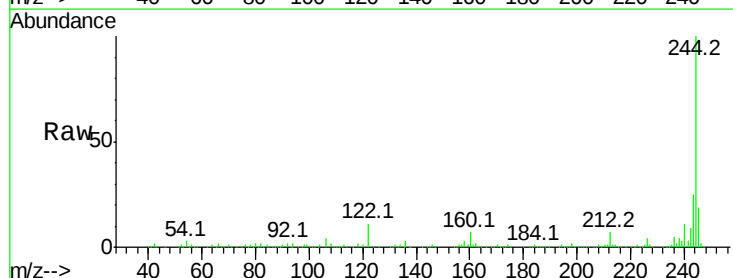
Tgt Ion:244 Resp: 579894

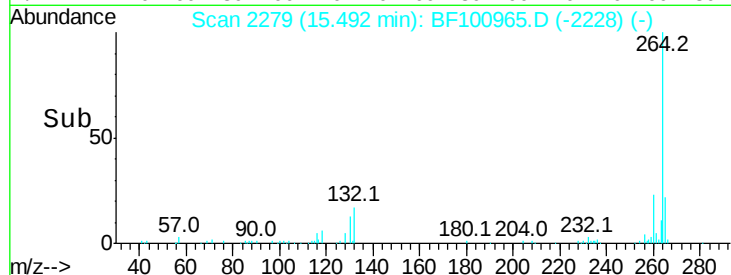
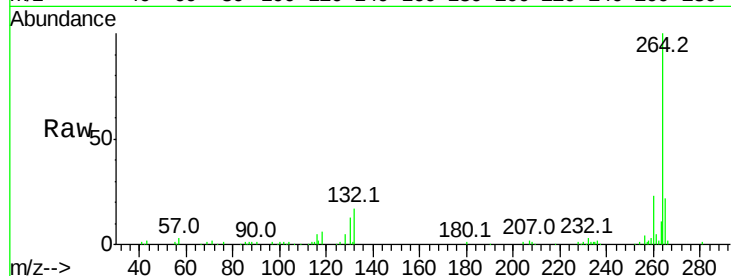
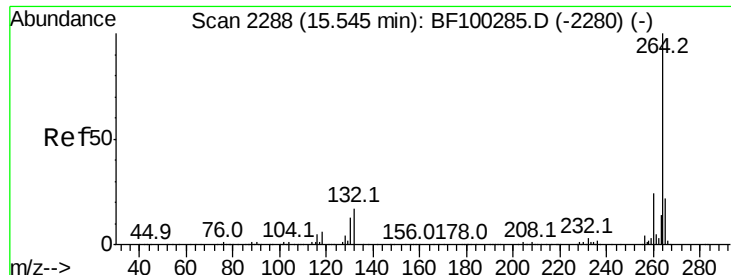
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.4 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: BF100965.D
 Acq: 29 Nov 2017 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	114985
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3

