

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100914.D
 Acq On : 28 Nov 2017 1:58
 Operator : SJ/JU
 Sample : I6584-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 03:25:42 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

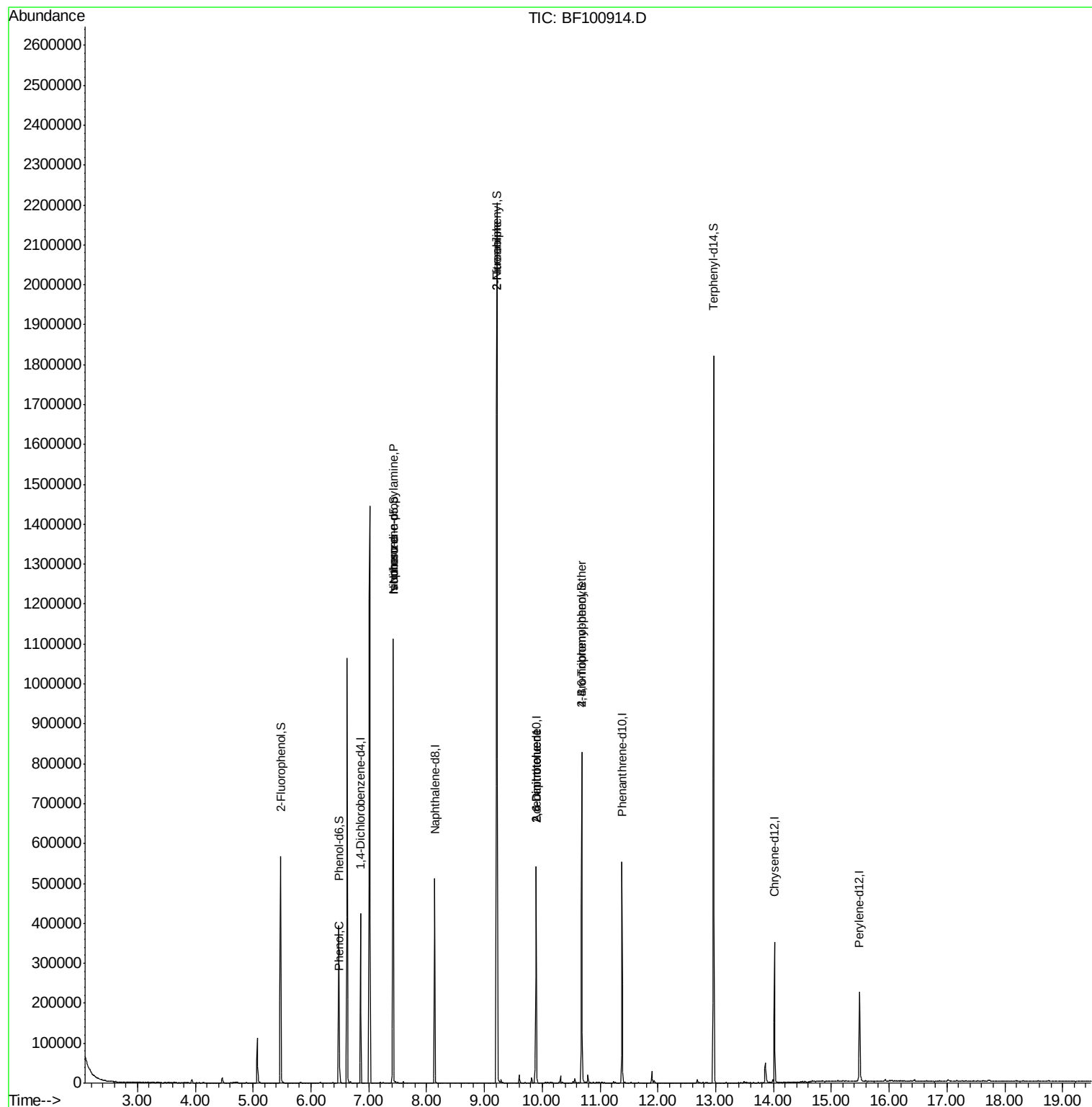
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59318	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	226145	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	105313	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	186113	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129376	20.00	ng	-0.01
86) Perylene-d12	15.49	264	118932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	164564	44.47	ng	0.00
7) Phenol-d6	6.48	99	124451	27.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	373096	109.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	108274	100.89	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	733628	106.07	ng	0.00
78) Terphenyl-d14	12.97	244	596415	105.92	ng	0.00
Target Compounds						
10) Phenol	6.49	94	14341	2.994	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	48797	15.420	ng	# 82
25) Isophorone	7.42	82	373092	51.905	ng	# 64
47) 2-Nitroaniline	9.21	65	959	3.247	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13232	8.313	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13232	6.590	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6335	3.175	ng	# 1

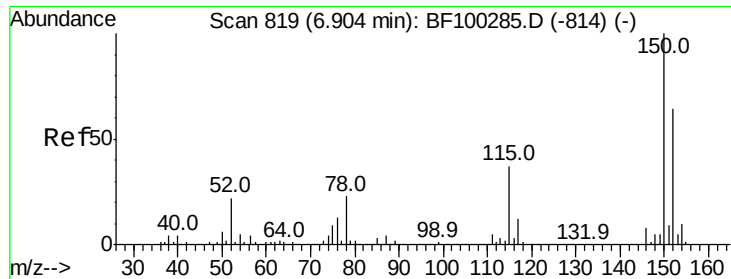
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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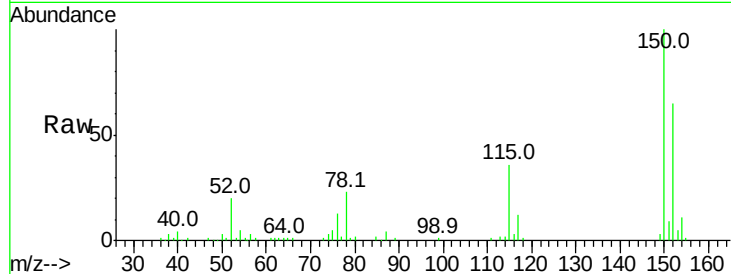


#1

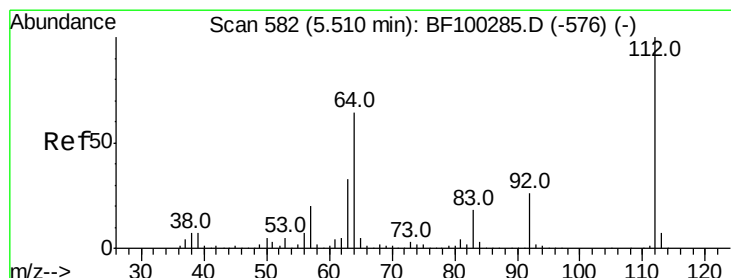
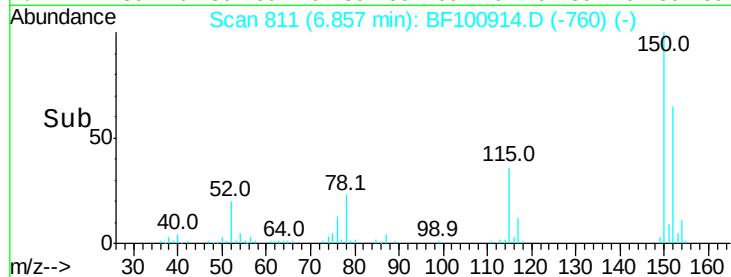
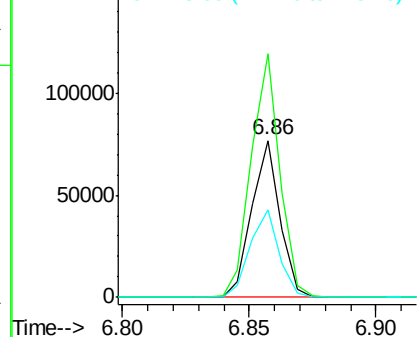
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100914.D
Acq: 28 Nov 2017 1:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59318
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 55.7 50.1 75.1



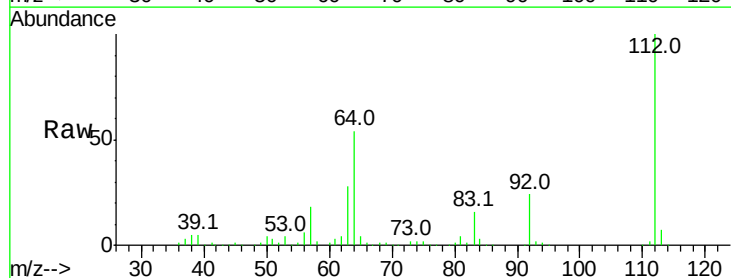
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



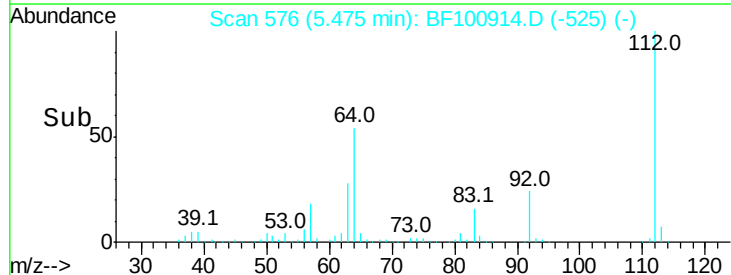
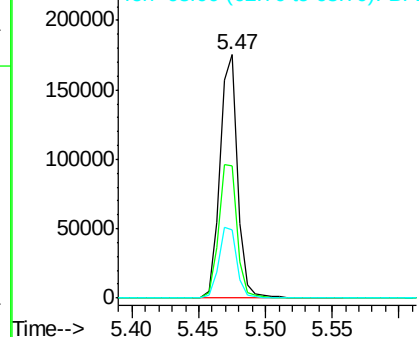
#5

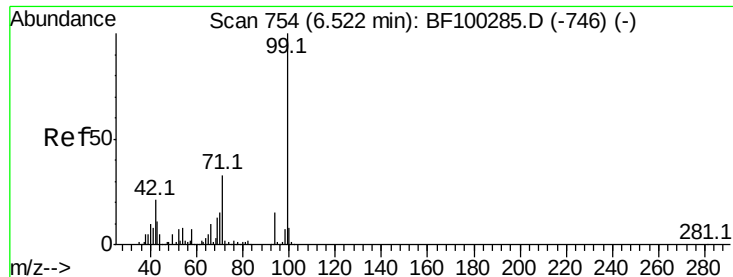
2-Fluorophenol
Concen: 44.471 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100914.D
Acq: 28 Nov 2017 1:58

Tgt Ion:112 Resp: 164564
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 28.0 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: 27.273 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

Instrument :

BNA_F

ClientSampleId :

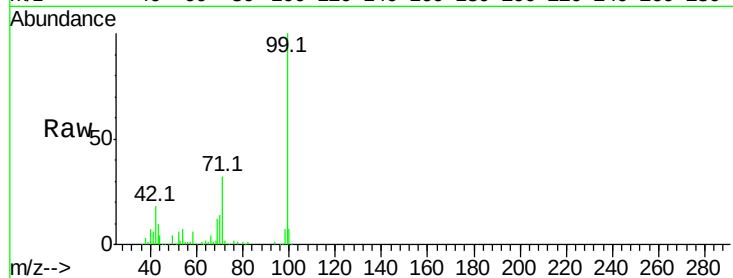
Tot Ion: 99 Resp: 124451

Ion Ratio Lower Upper

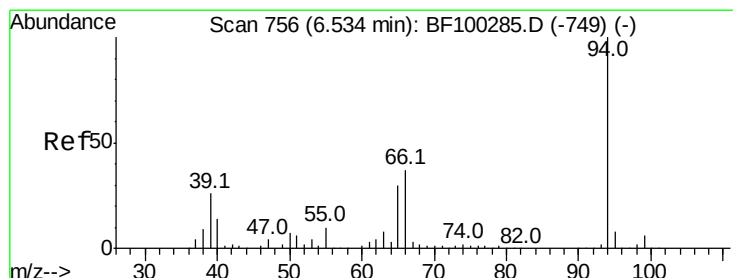
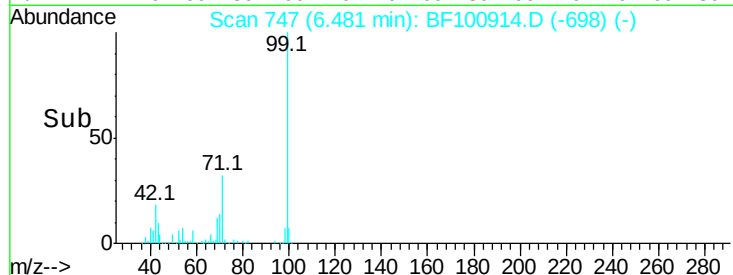
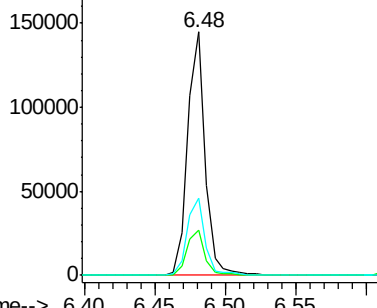
99 100

42 18.4 14.5 21.7

71 31.6 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: 2.994 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

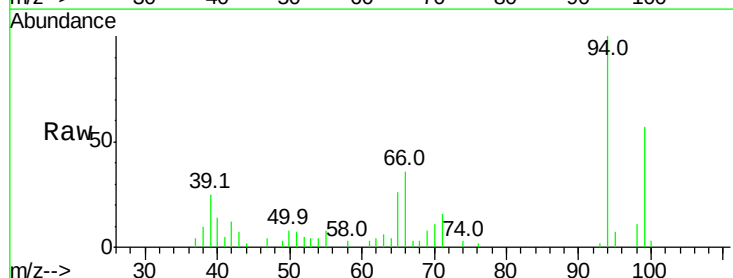
Tgt Ion: 94 Resp: 14341

Ion Ratio Lower Upper

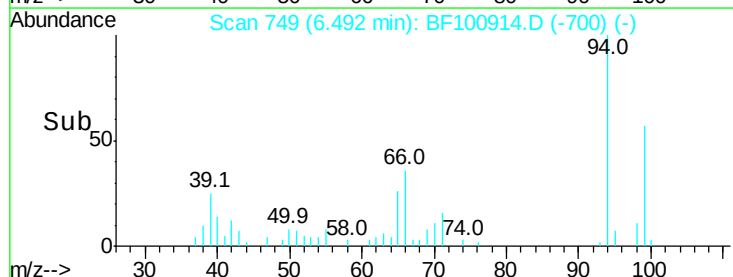
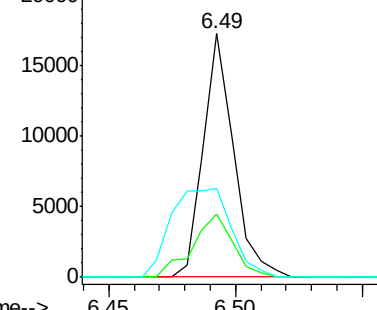
94 100

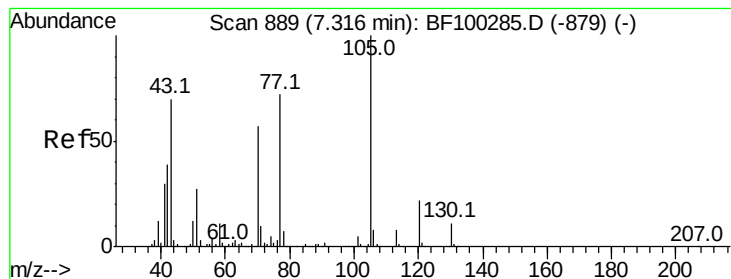
65 25.9 7.9 47.9

66 36.5 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: 15.420 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100914.D

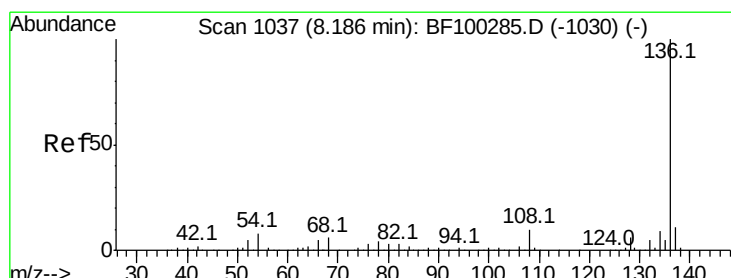
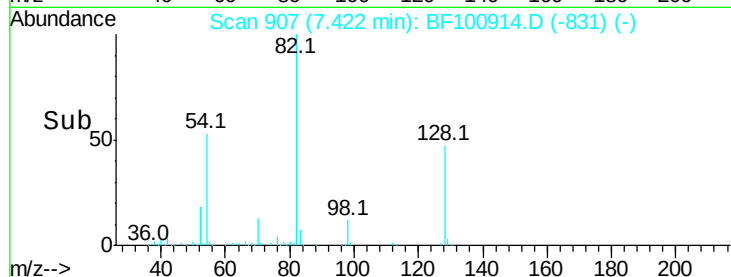
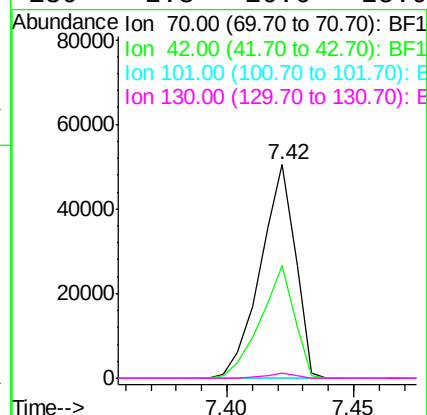
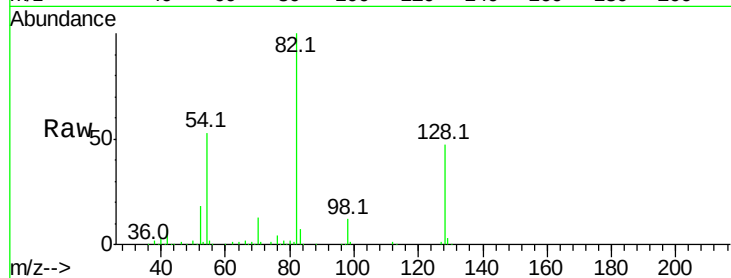
Acq: 28 Nov 2017 1:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	48797
Ion	Ratio	Lower	Upper
70	100		
42	53.0	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

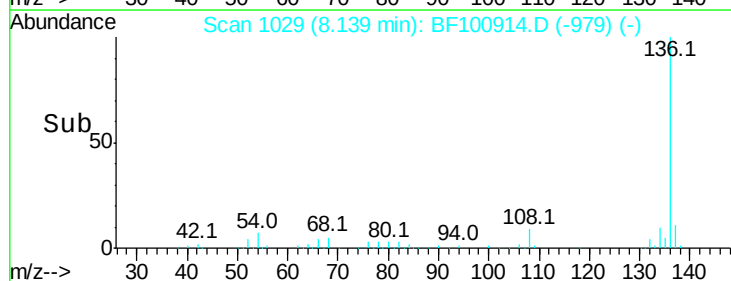
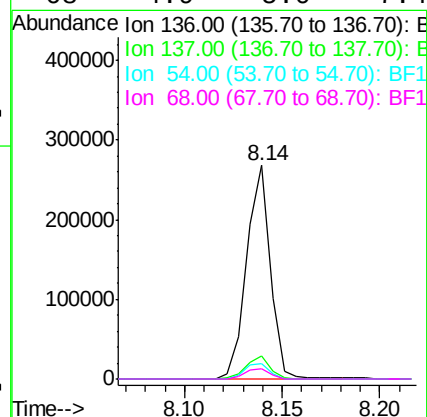
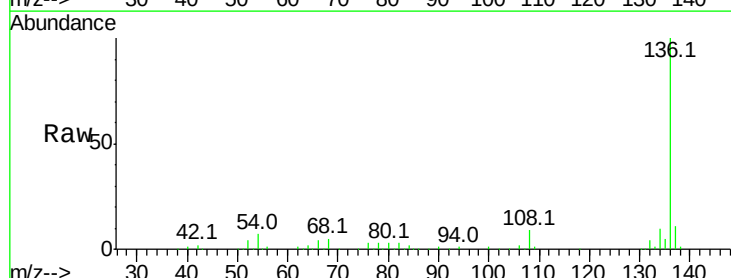
RT: 8.14 min Scan# 1029

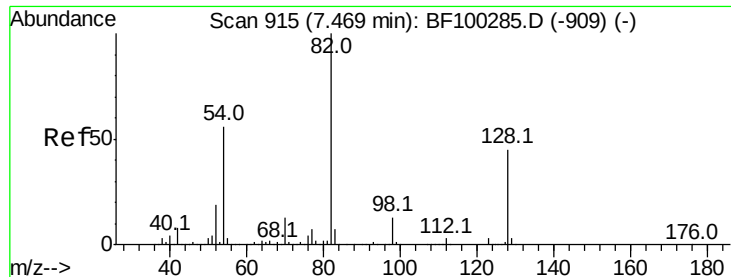
Delta R.T. -0.01 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

Tgt Ion:	136	Resp:	226145
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.4	6.6	9.8
68	4.9	5.0	7.4#

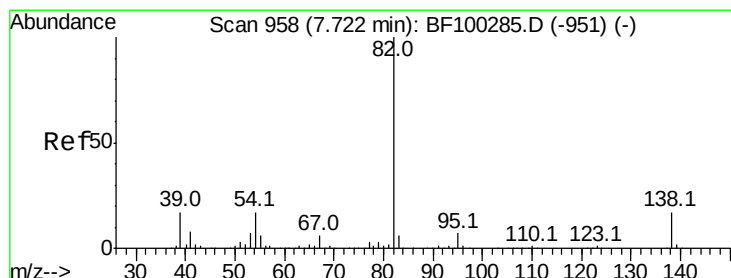
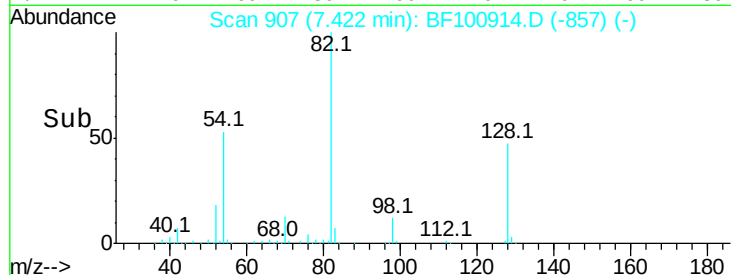
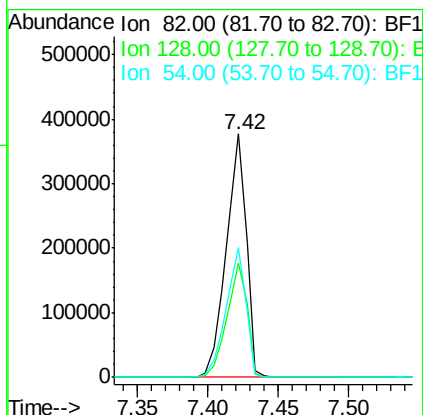
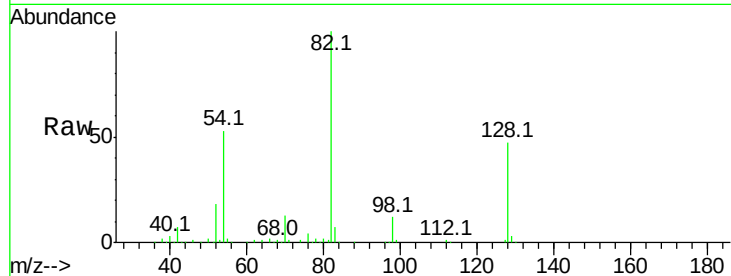




#23
Nitrobenzene-d5
Concen: 109.074 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100914.D
Acq: 28 Nov 2017 1:58

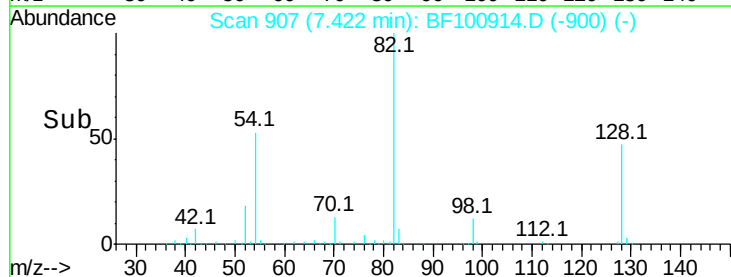
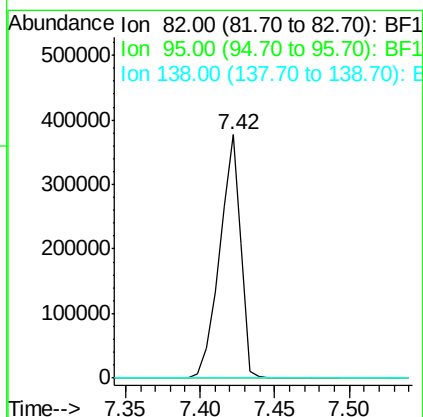
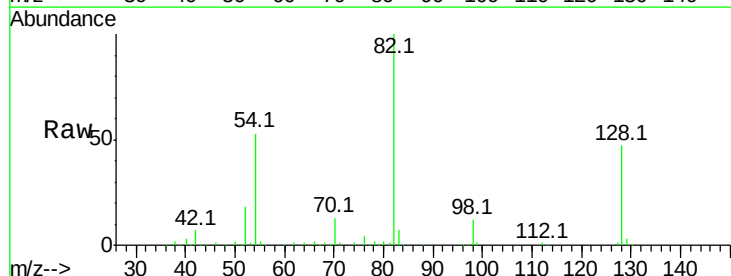
Instrument :
BNA_F
ClientSampleId :

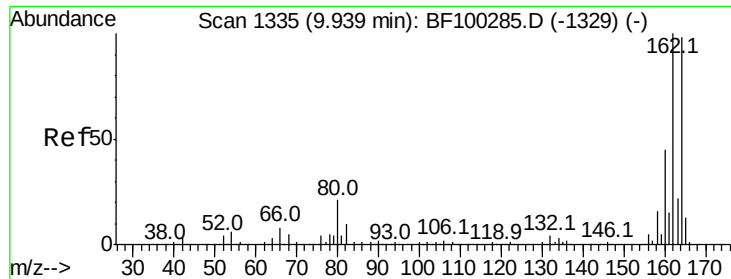
Tot Ion: 82 Resp: 373096
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 53.4 41.4 62.2



#25
Isophorone
Concen: 51.905 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100914.D
Acq: 28 Nov 2017 1:58

Tgt Ion: 82 Resp: 373092
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

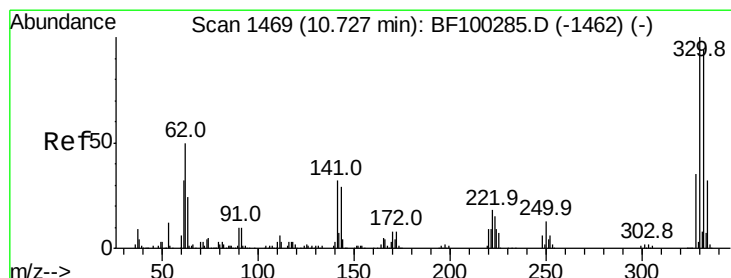
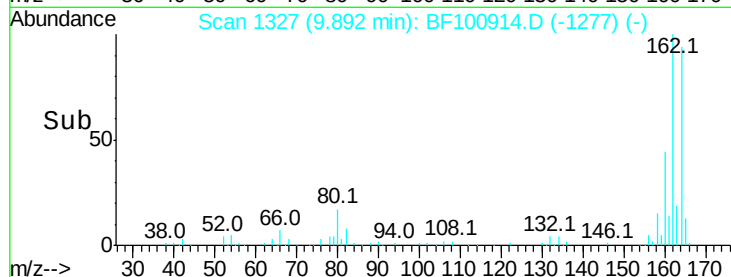
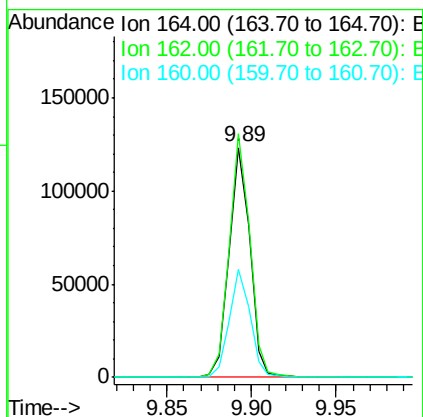
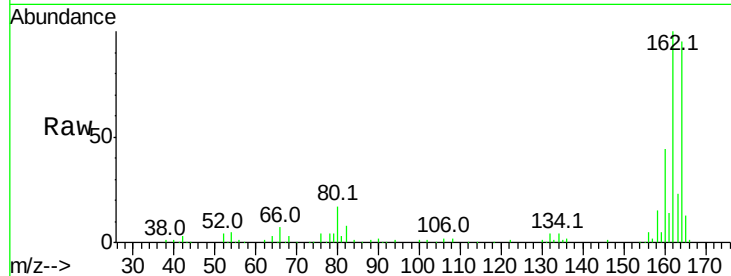




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

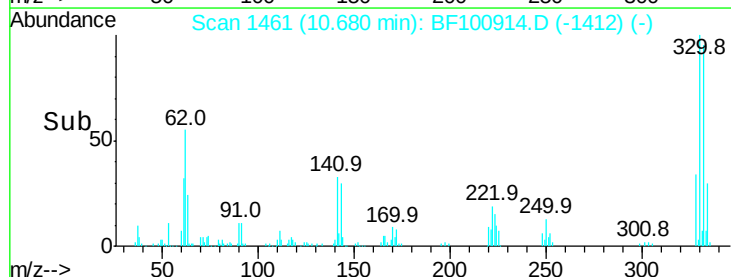
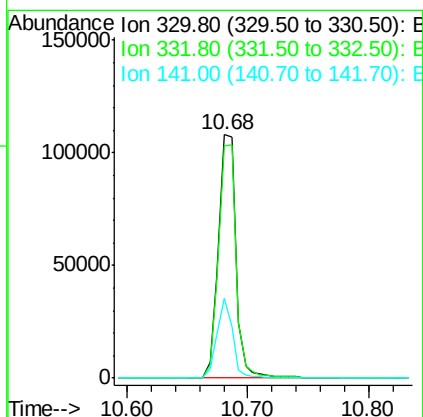
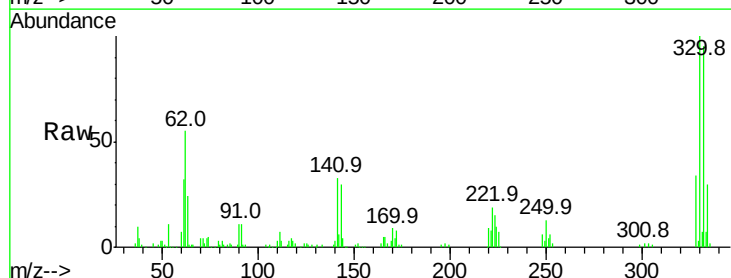
Instrument :
 BNA_F
 ClientSampleId :

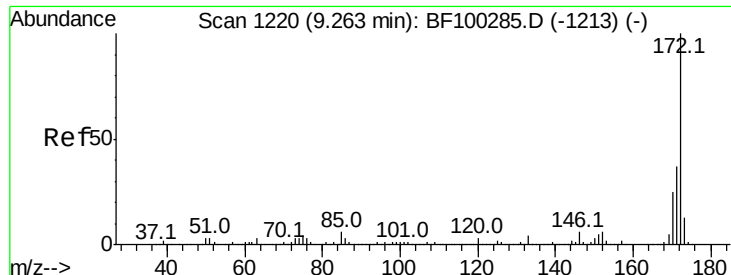
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.895 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.8	29.9	44.9#

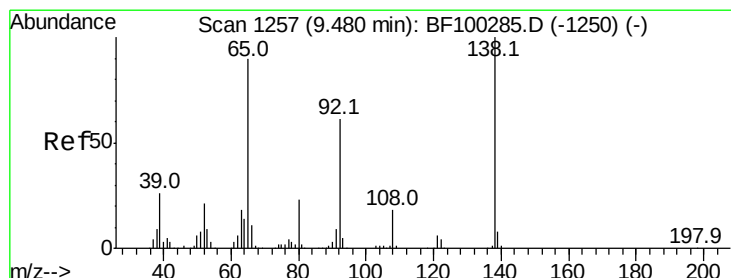
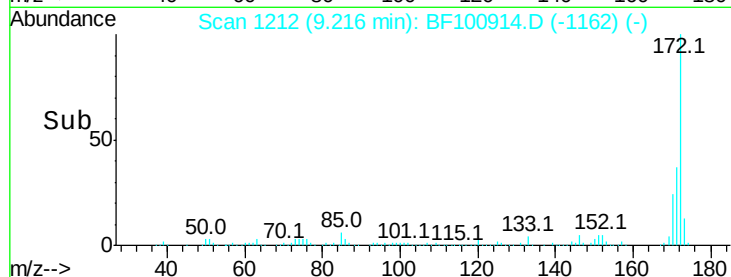
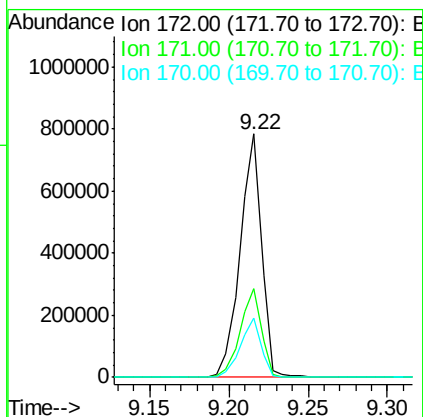
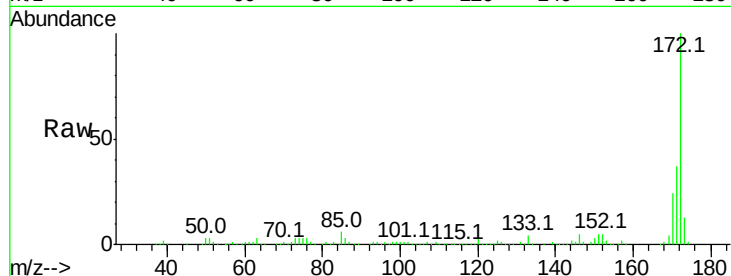




#44
 2-Fluorobiphenyl
 Concen: 106.075 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

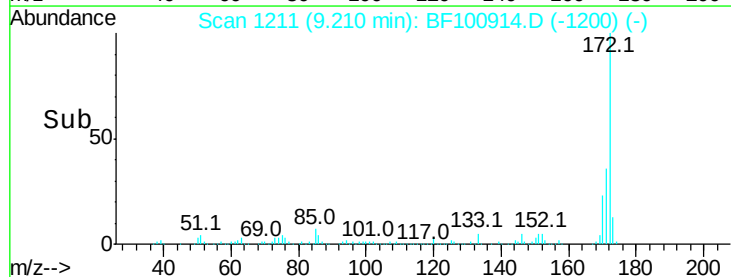
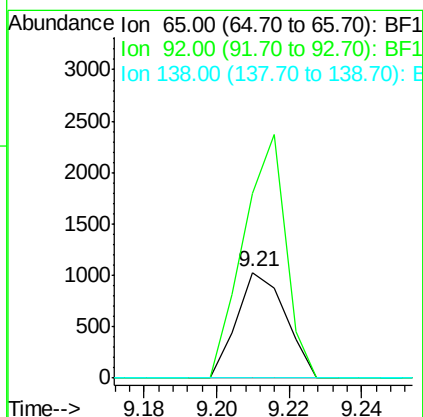
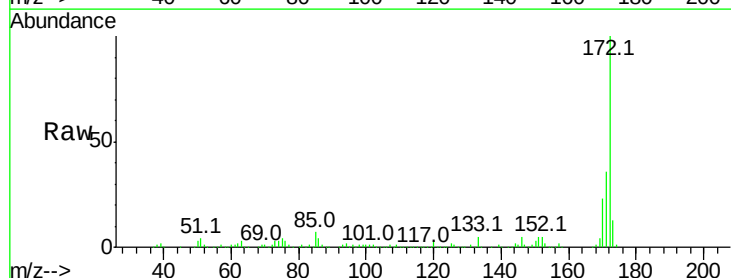
Instrument :
 BNA_F
 ClientSampled :

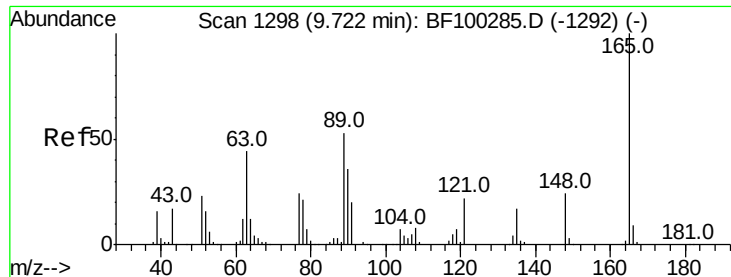
Tot Ion:172 Resp: 733628
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.247 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.24 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

Tgt Ion: 65 Resp: 959
 Ion Ratio Lower Upper
 65 100
 92 175.6 55.8 83.6#
 138 0.0 91.2 136.8#





#50

2,6-Dinitrotoluene

Concen: 8.313 ng

RT: 9.89 min Scan# 1327

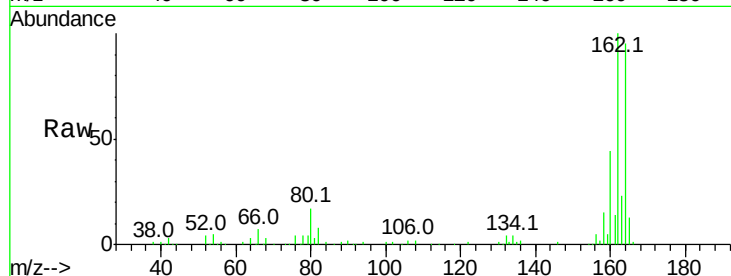
Delta R.T. 0.21 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

Instrument :
BNA_F
ClientSampleId :

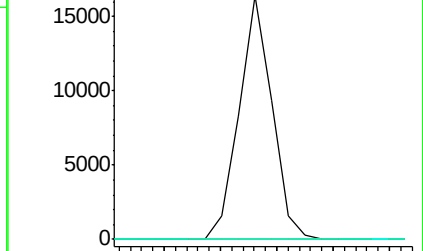
Tot Ion:	165	Resp:	13232
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



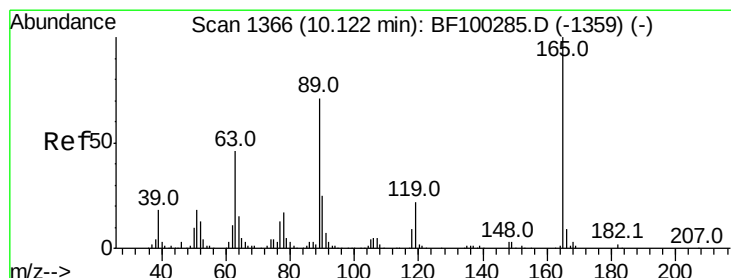
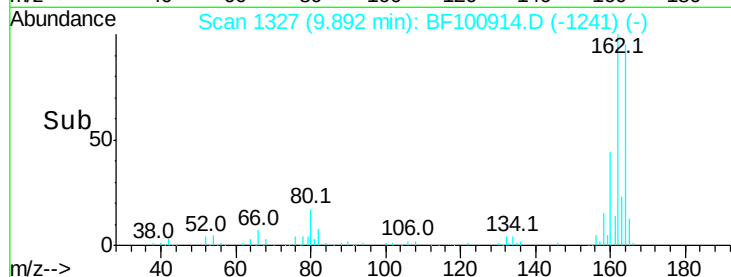
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.590 ng

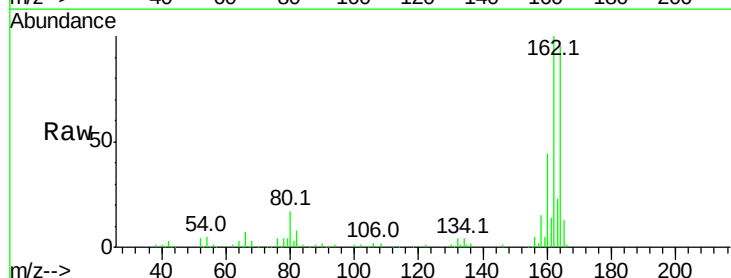
RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

Tgt Ion:	165	Resp:	13232
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#

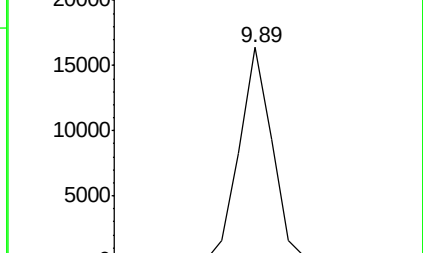


Abundance Ion 165.00 (164.70 to 165.70): E

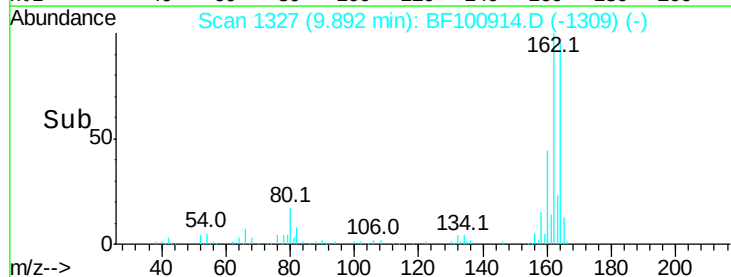
Ion 63.00 (62.70 to 63.70): BF1

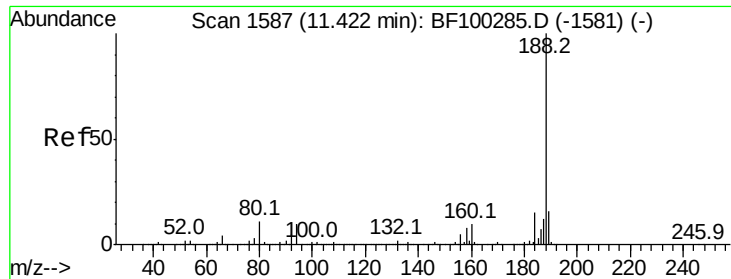
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

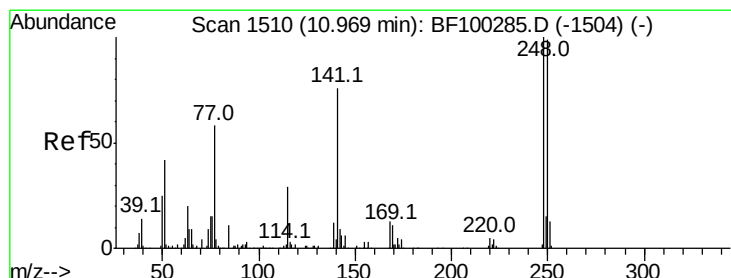
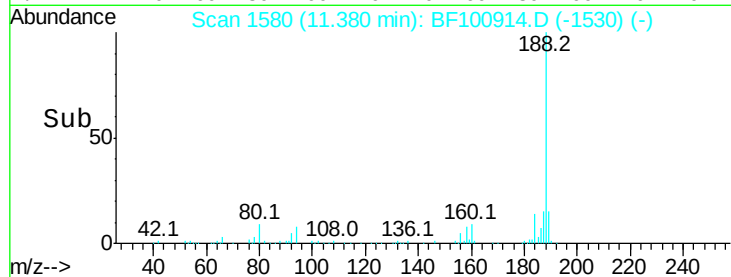
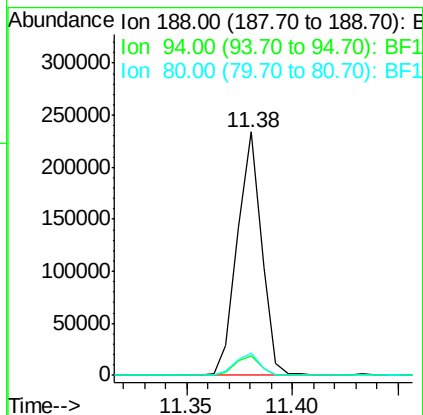
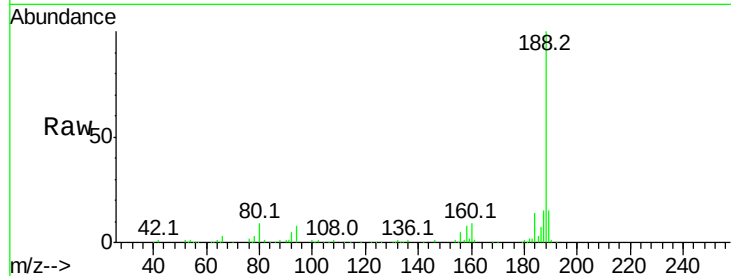




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

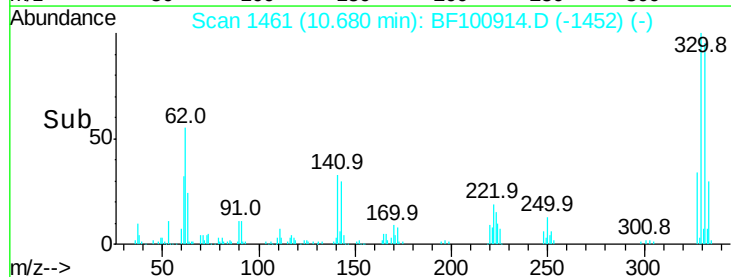
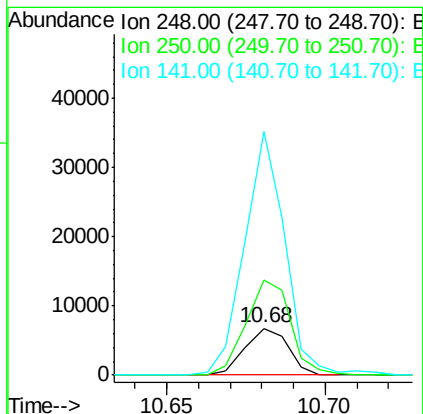
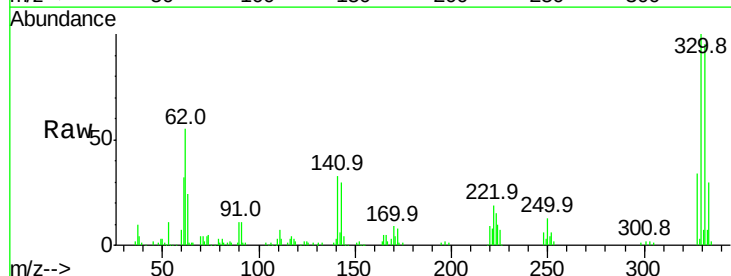
Instrument :
 BNA_F
 ClientSampleId :

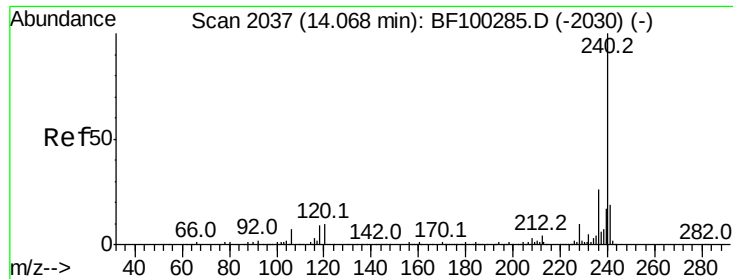
Tot Ion:188 Resp: 186113
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 8.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.175 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

Tgt Ion:248 Resp: 6335
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 521.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

Instrument :

BNA_F

ClientSampleId :

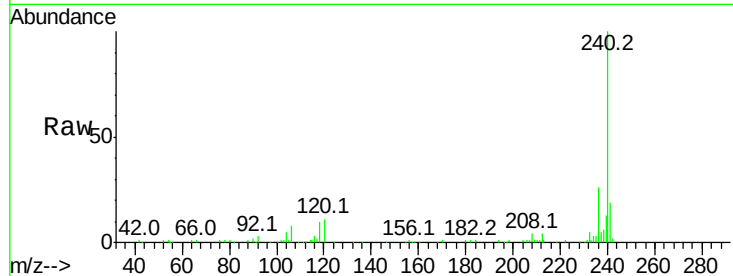
Tot Ion:240 Resp: 129376

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

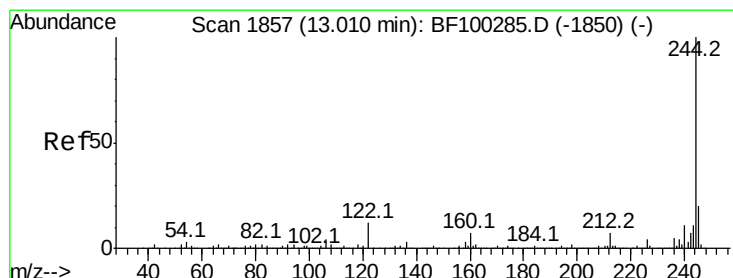
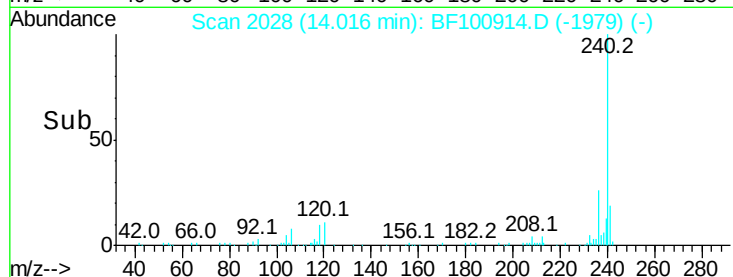
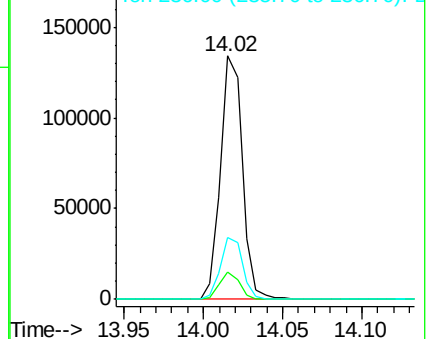
236 25.6 20.7 31.1



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: 105.923 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100914.D

Acq: 28 Nov 2017 1:58

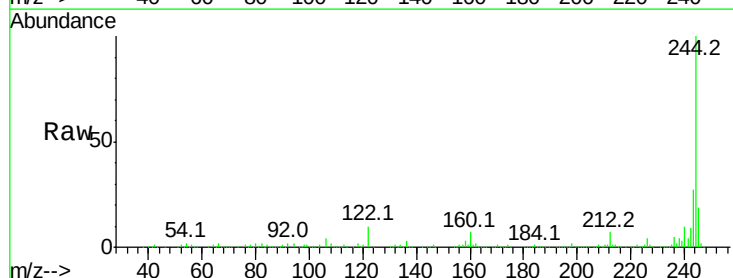
Tgt Ion:244 Resp: 596415

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

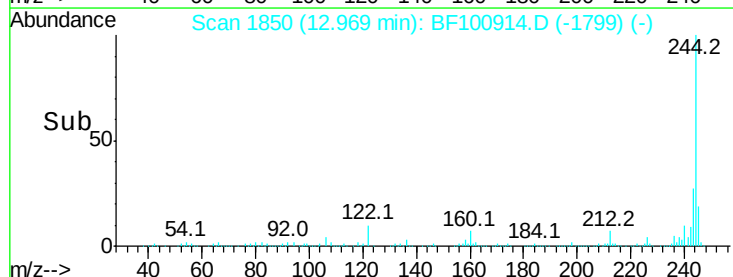
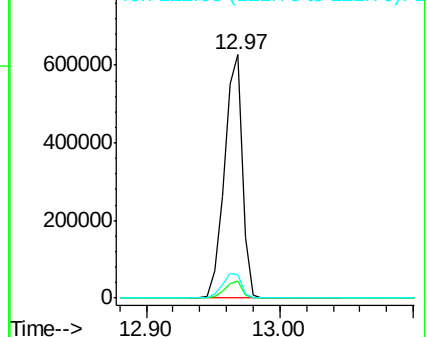
122 9.9 11.0 16.4#

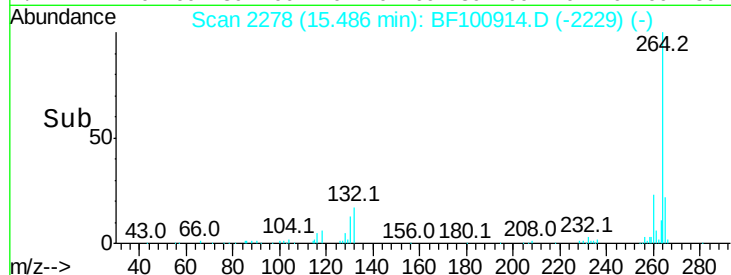
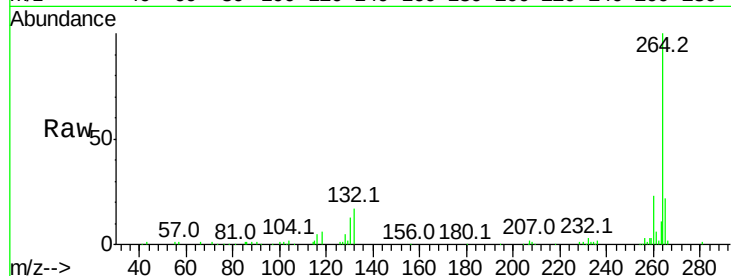
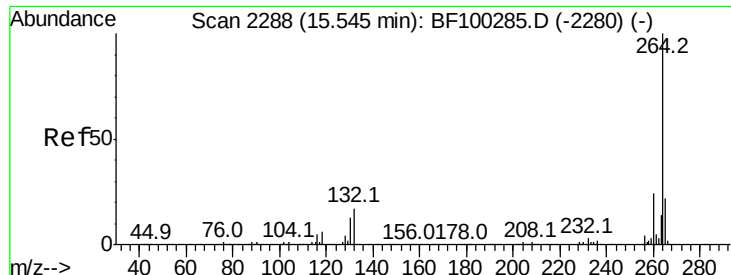


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100914.D
 Acq: 28 Nov 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	118932
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

