

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100913.D
 Acq On : 28 Nov 2017 1:32
 Operator : SJ/JU
 Sample : I6584-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 02:20:54 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

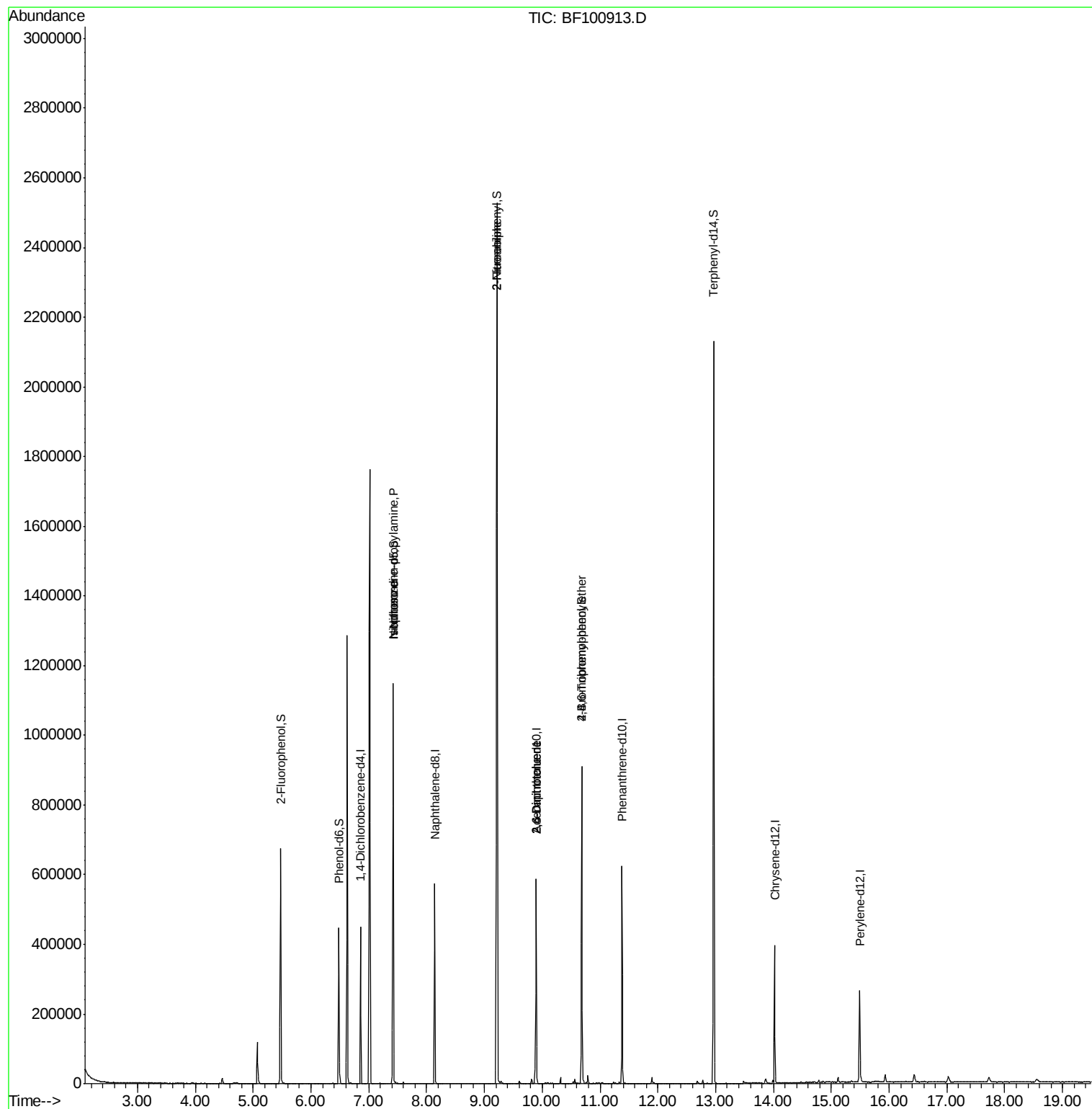
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63640	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	251799	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	115388	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	210265	20.00	ng	0.00
75) Chrysene-d12	14.02	240	144193	20.00	ng	0.00
86) Perylene-d12	15.49	264	129256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	179424	45.19	ng	0.00
7) Phenol-d6	6.48	99	137103	28.01	ng	-0.01
23) Nitrobenzene-d5	7.42	82	447190	117.42	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	128080	108.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	876434	115.66	ng	0.00
78) Terphenyl-d14	12.97	244	701057	111.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	59036	17.388	ng	# 83
25) Isophorone	7.42	82	447183	55.874	ng	# 64
47) 2-Nitroaniline	9.22	65	1325	3.367	ng	# 17
50) 2,6-Dinitrotoluene	9.89	165	14701	8.430	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14701	6.682	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	8189	3.633	ng	# 1

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

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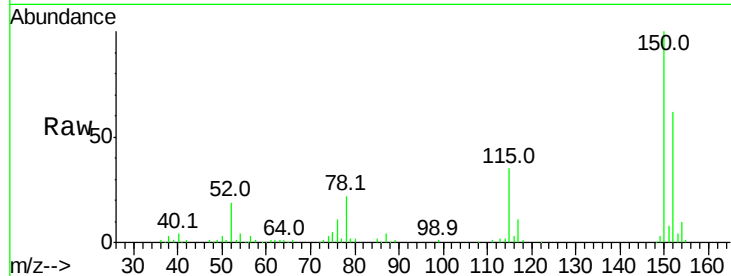


#1

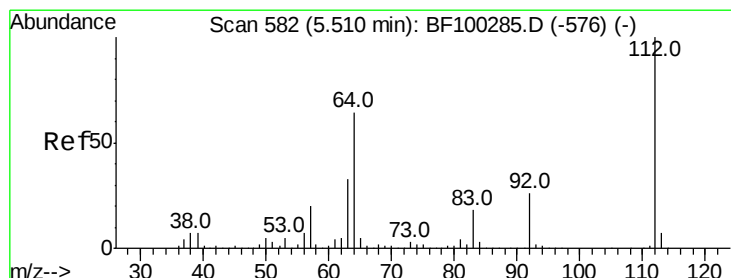
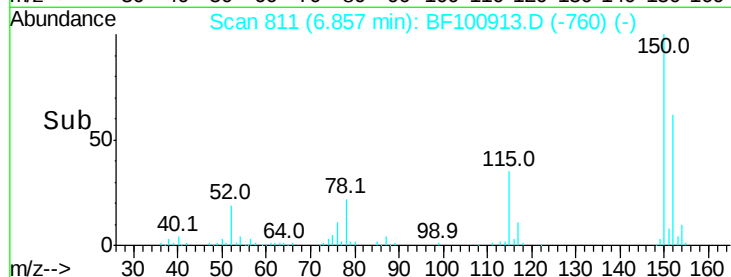
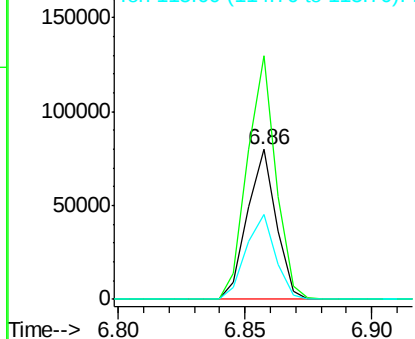
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63640
Ion Ratio Lower Upper
152 100
150 162.4 124.6 186.8
115 56.4 50.1 75.1



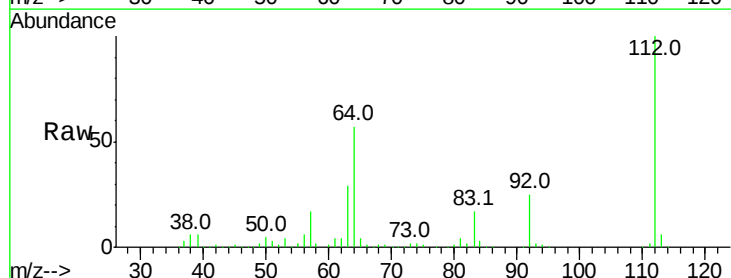
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



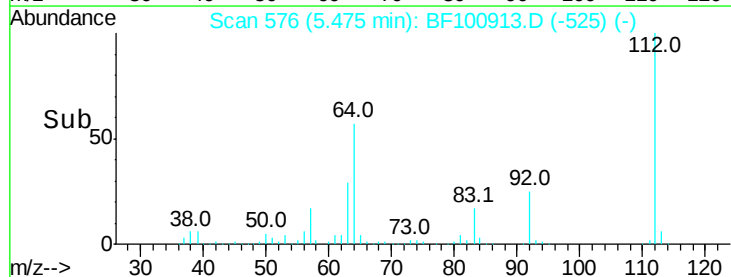
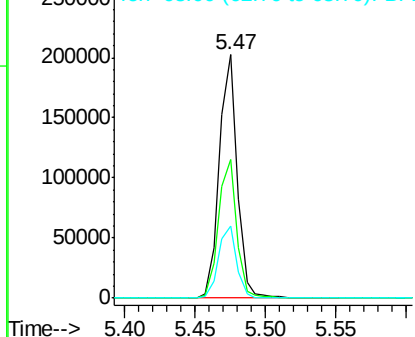
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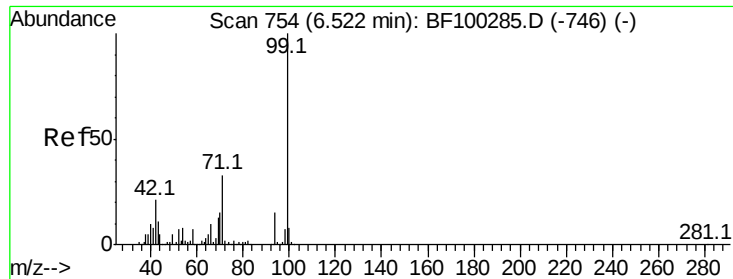
2-Fluorophenol
Concen: 45.194 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

Tgt Ion:112 Resp: 179424
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.5 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: 28.005 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100913.D

Acq: 28 Nov 2017 1:32

Instrument :

BNA_F

ClientSampleId :

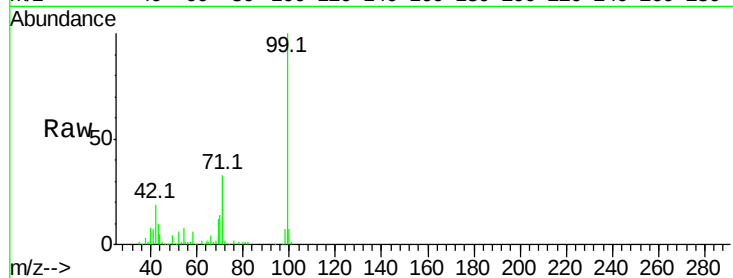
Tot Ion: 99 Resp: 137103

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

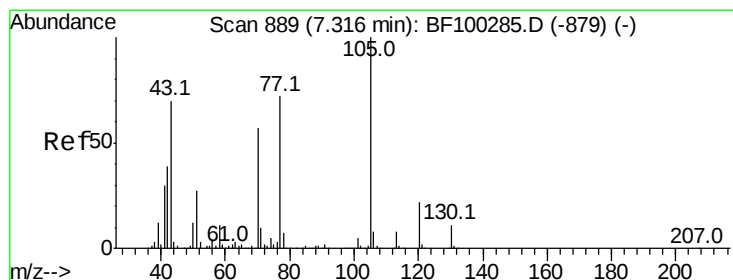
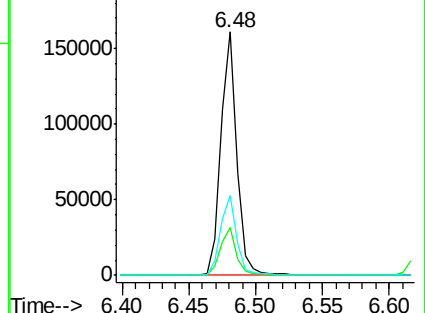
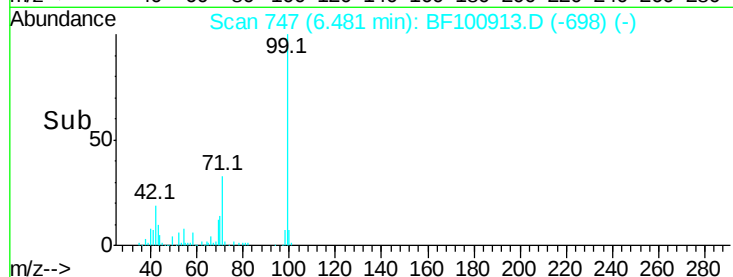
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.388 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100913.D

Acq: 28 Nov 2017 1:32

Tgt Ion: 70 Resp: 59036

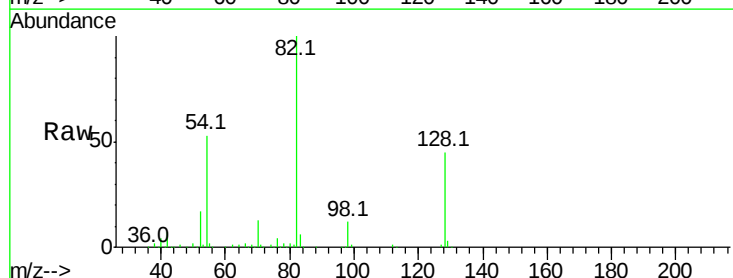
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

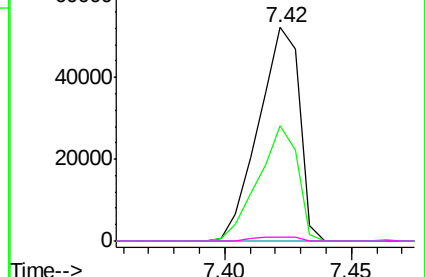
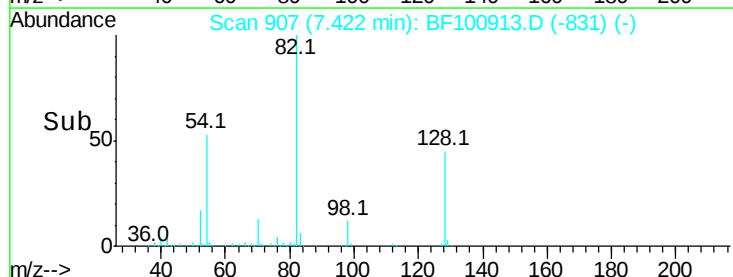


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

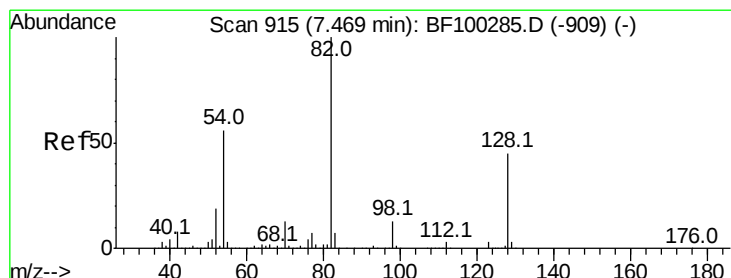
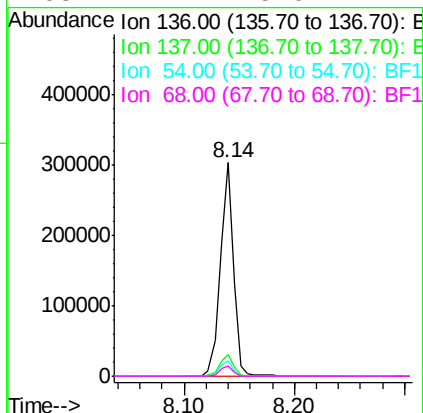
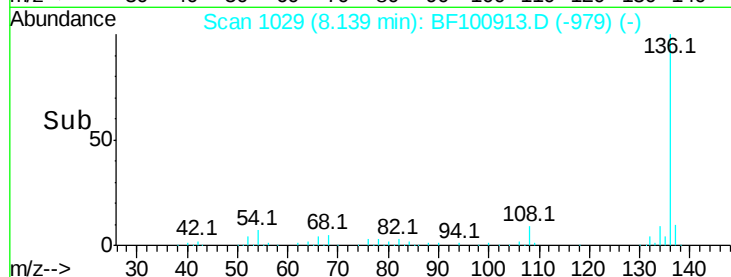
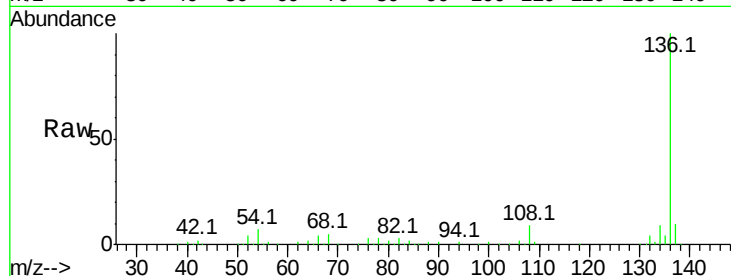




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

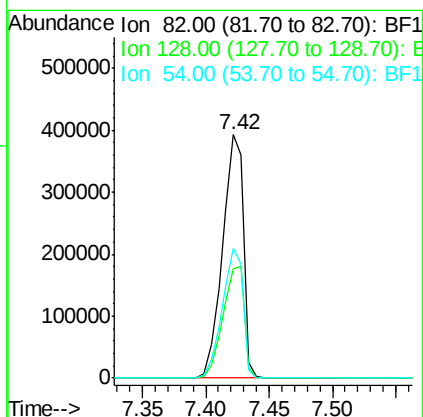
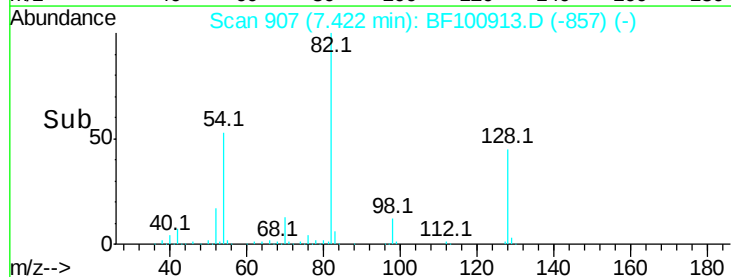
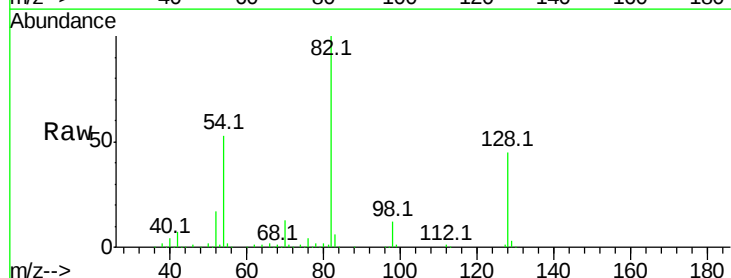
Instrument :
BNA_F
ClientSampleId :

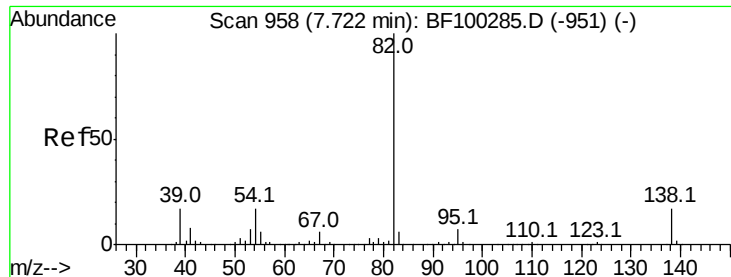
Tot Ion:	136	Resp:	251799
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	7.0	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 117.416 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

Tgt Ion:	82	Resp:	447190
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.3	41.4	62.2

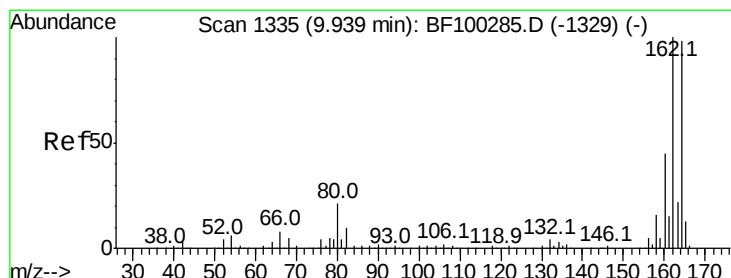
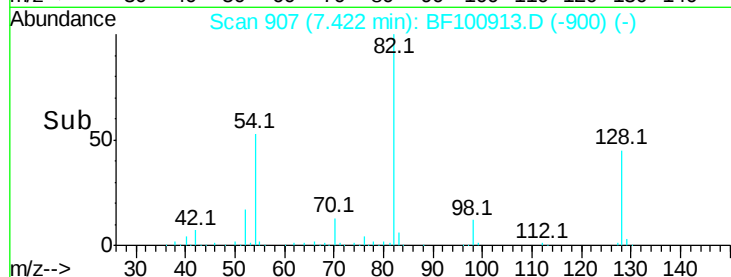
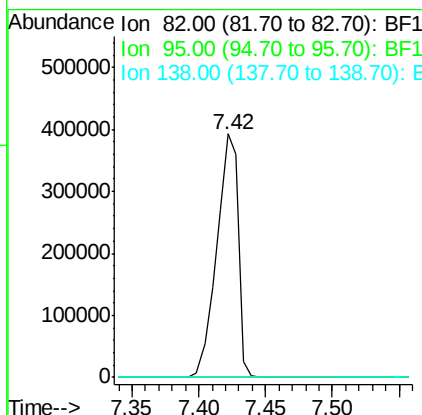
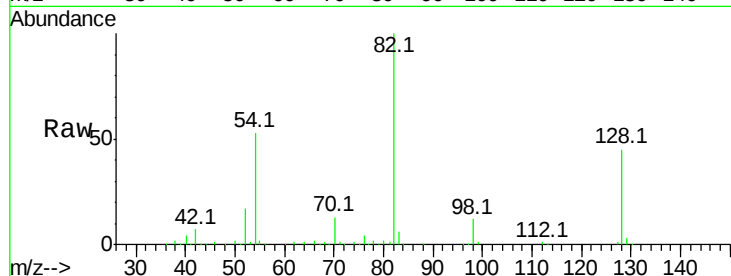




#25
Isophorone
Concen: 55.874 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

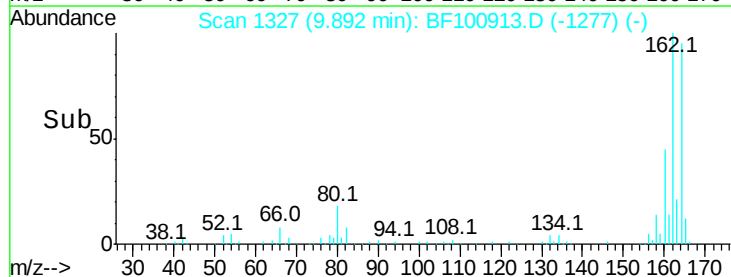
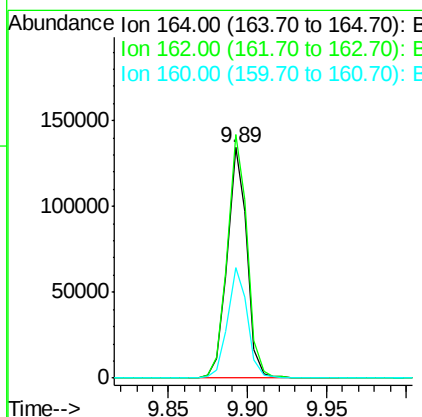
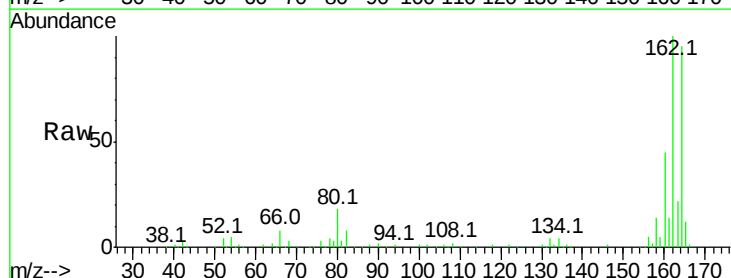
Instrument :
BNA_F
ClientSampleId :

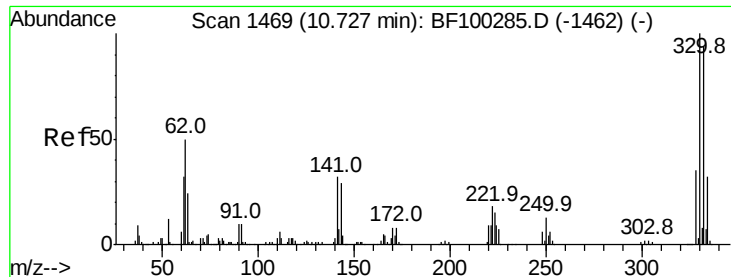
Tot Ion: 82 Resp: 447183
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100913.D
Acq: 28 Nov 2017 1:32

Tgt Ion:164 Resp: 115388
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 47.6 38.3 57.5

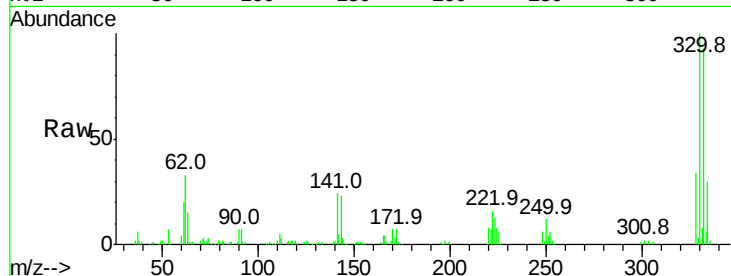




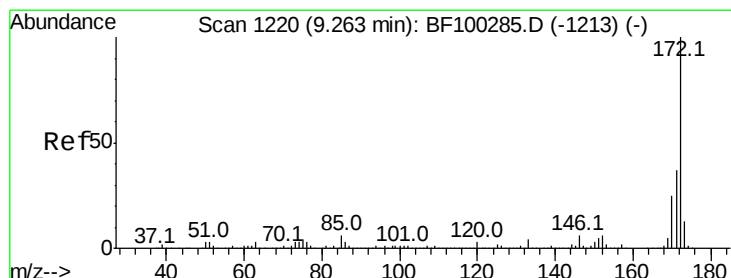
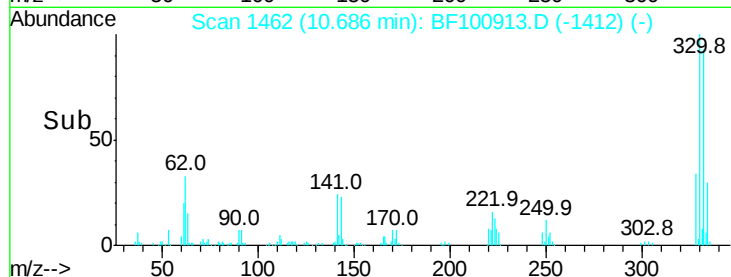
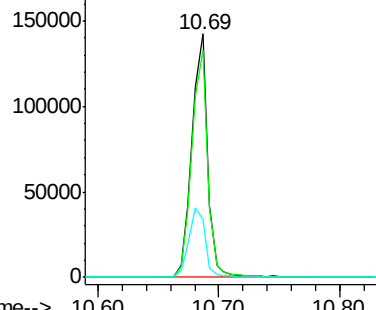
#41
 2,4,6-Tribromophenol
 Concen: 108.930 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	29.7	29.9	44.9#

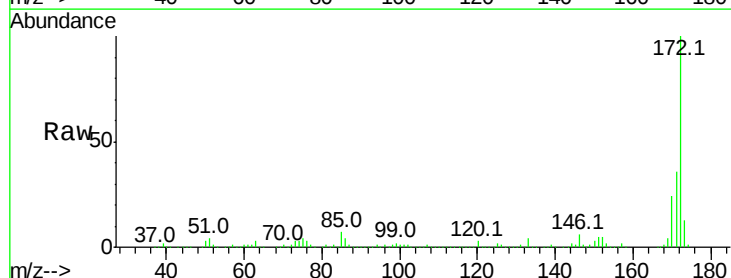


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

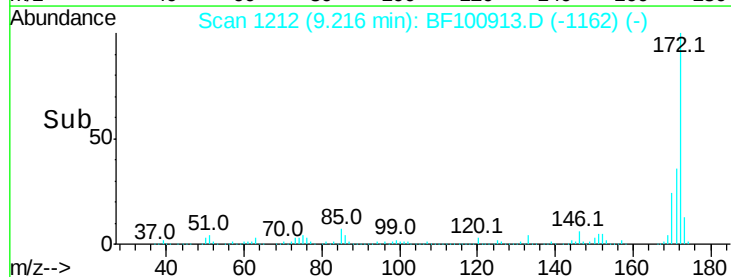
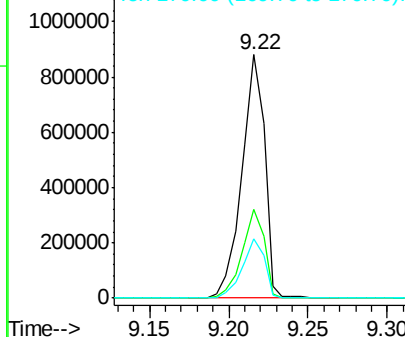


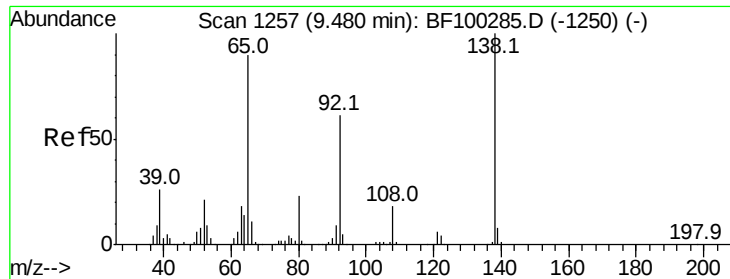
#44
 2-Fluorobiphenyl
 Concen: 115.658 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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: 3.367 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.23 min

Lab File: BF100913.D

Acq: 28 Nov 2017 1:32

Instrument :

BNA_F

ClientSampleId :

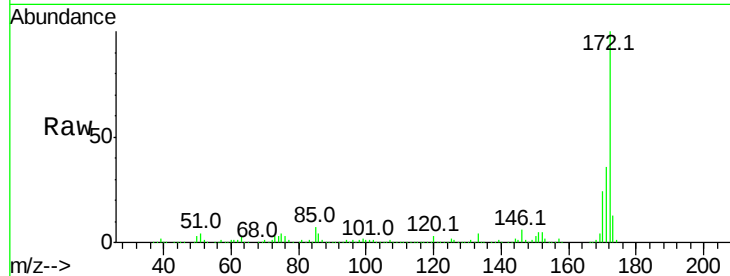
Tot Ion: 65 Resp: 1325

Ion Ratio Lower Upper

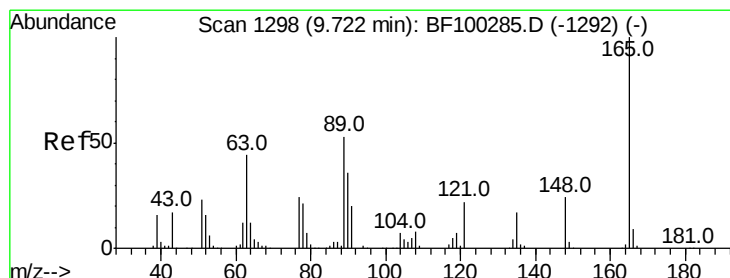
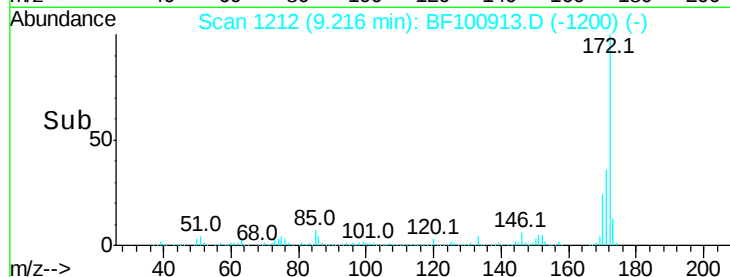
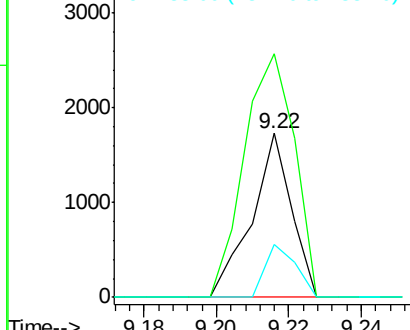
65 100

92 148.3 55.8 83.6#

138 32.4 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: 8.430 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100913.D

Acq: 28 Nov 2017 1:32

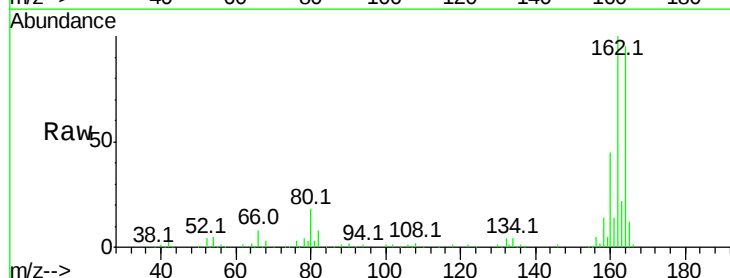
Tgt Ion: 165 Resp: 14701

Ion Ratio Lower Upper

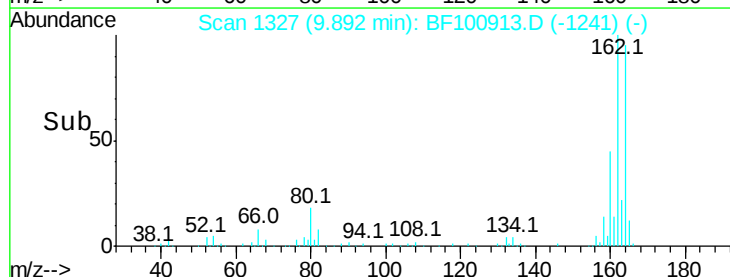
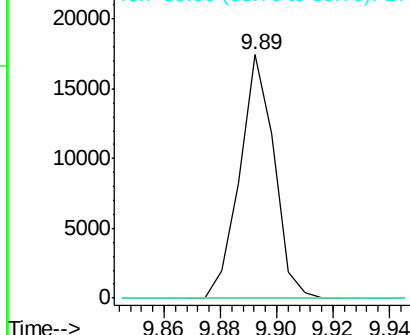
165 100

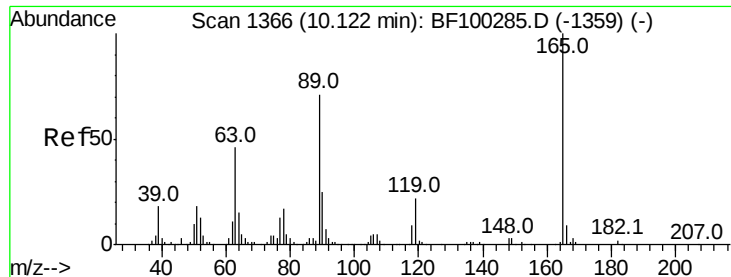
63 0.0 44.7 67.1#

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

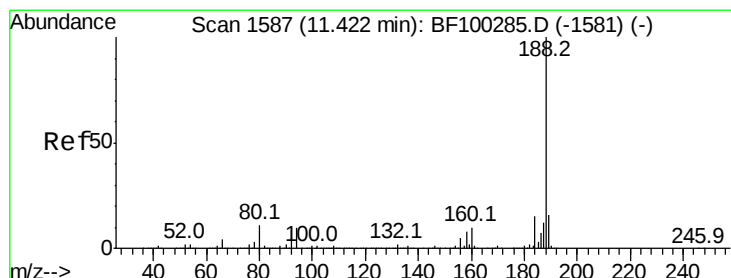
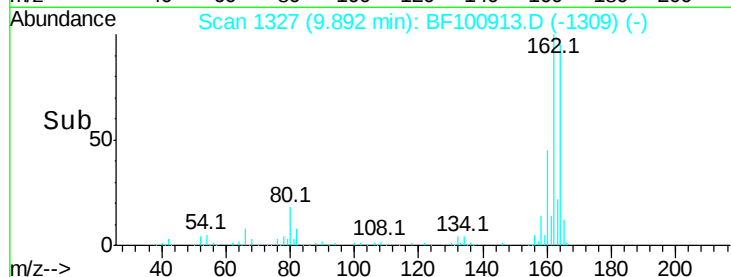
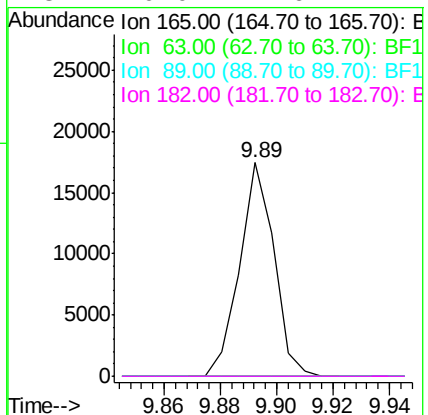
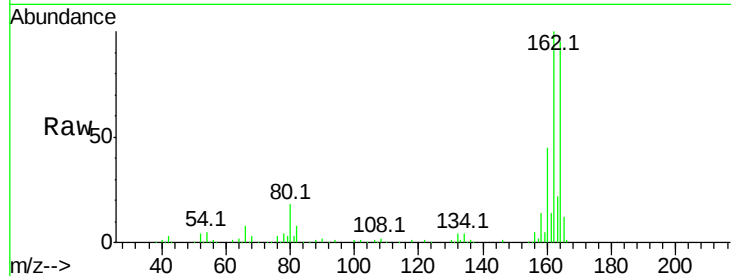




#56
 2,4-Dinitrotoluene
 Concen: 6.682 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

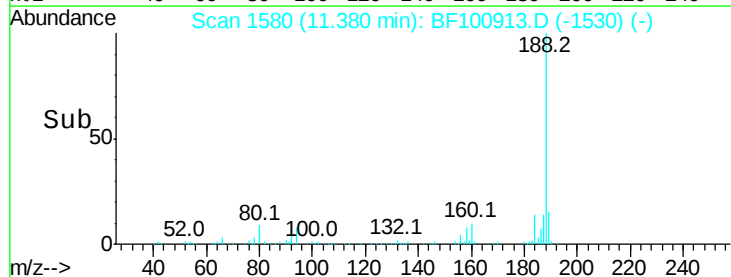
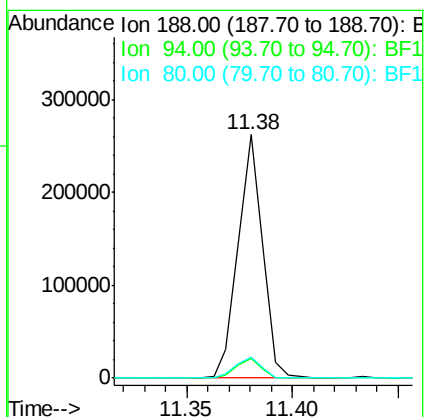
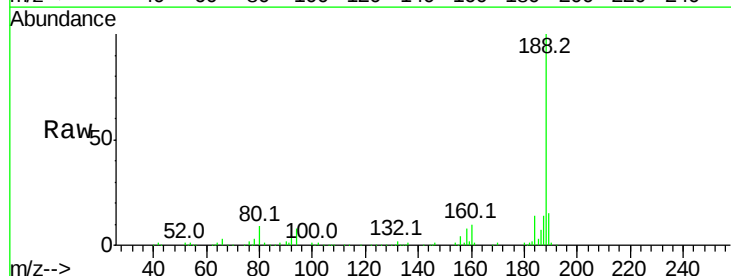
Instrument :
 BNA_F
 ClientSampled :

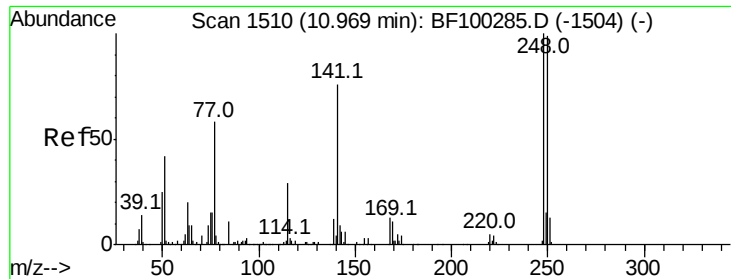
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

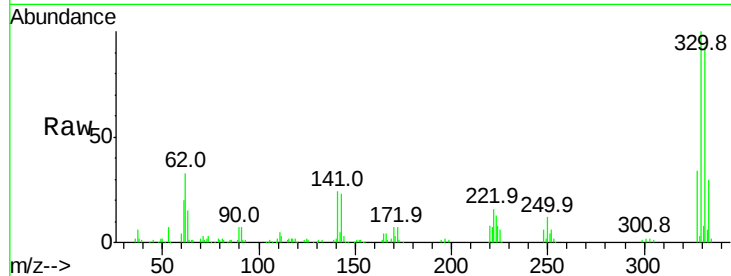




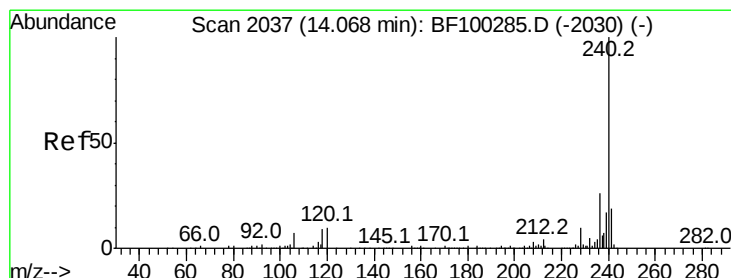
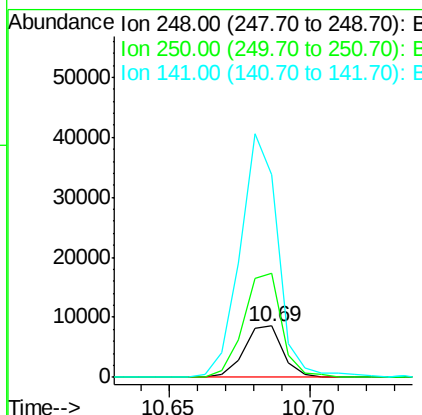
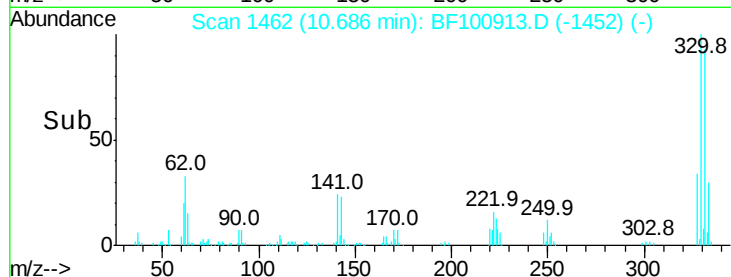
#66
 4-Bromophenyl-phenylether
 Concen: 3.633 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	393.5	74.4	111.6#

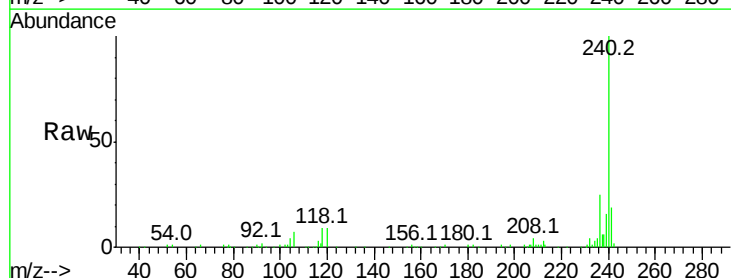


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

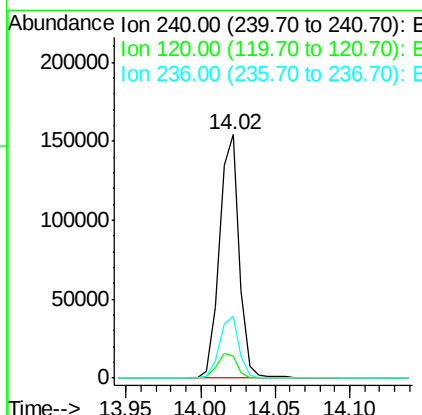
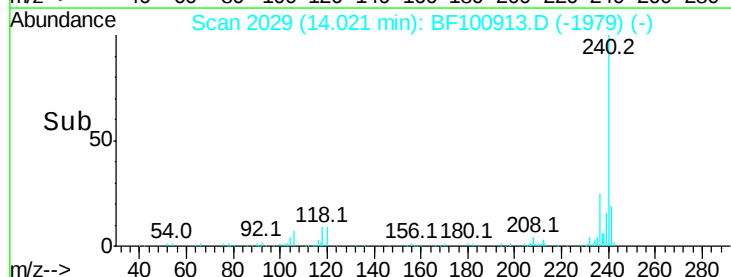


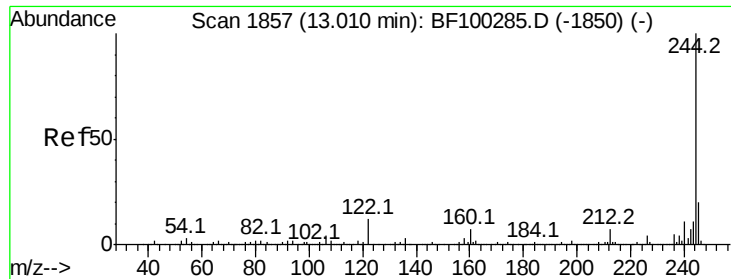
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.2	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

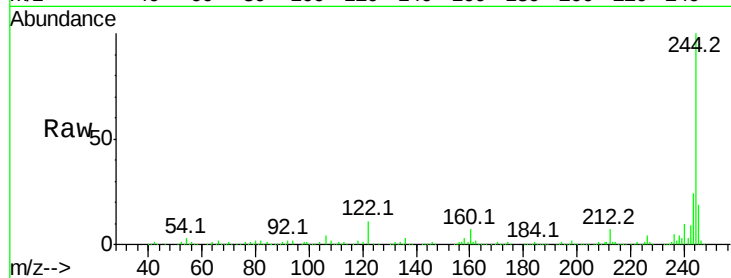




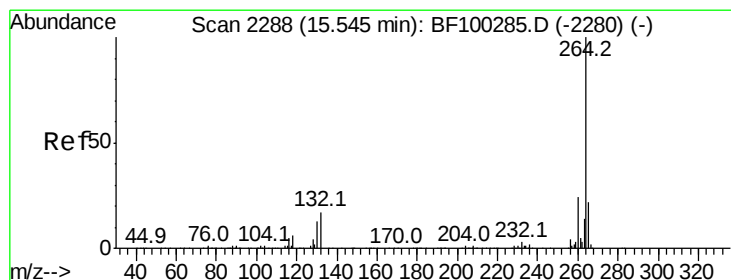
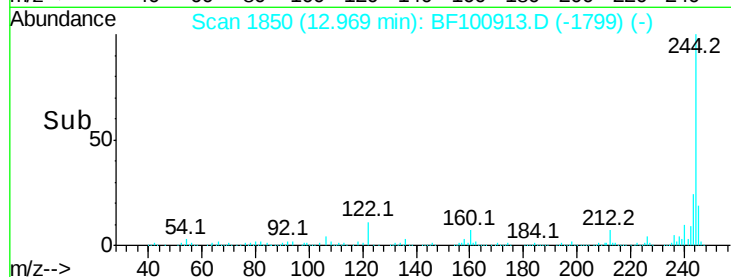
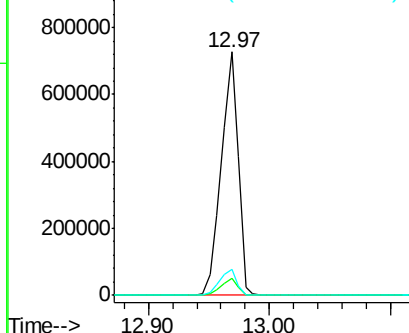
#78
 Terphenyl-d14
 Concen: 111.713 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 701057
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.9 11.0 16.4#

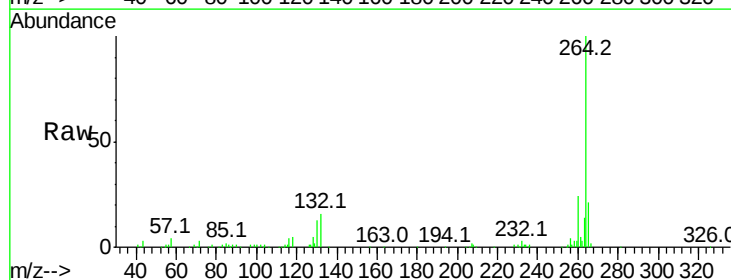


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100913.D
 Acq: 28 Nov 2017 1:32

Tgt Ion:264 Resp: 129256
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.6 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

