

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100930.D
 Acq On : 28 Nov 2017 13:35
 Operator : SJ/JU
 Sample : I6594-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 00:35:35 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

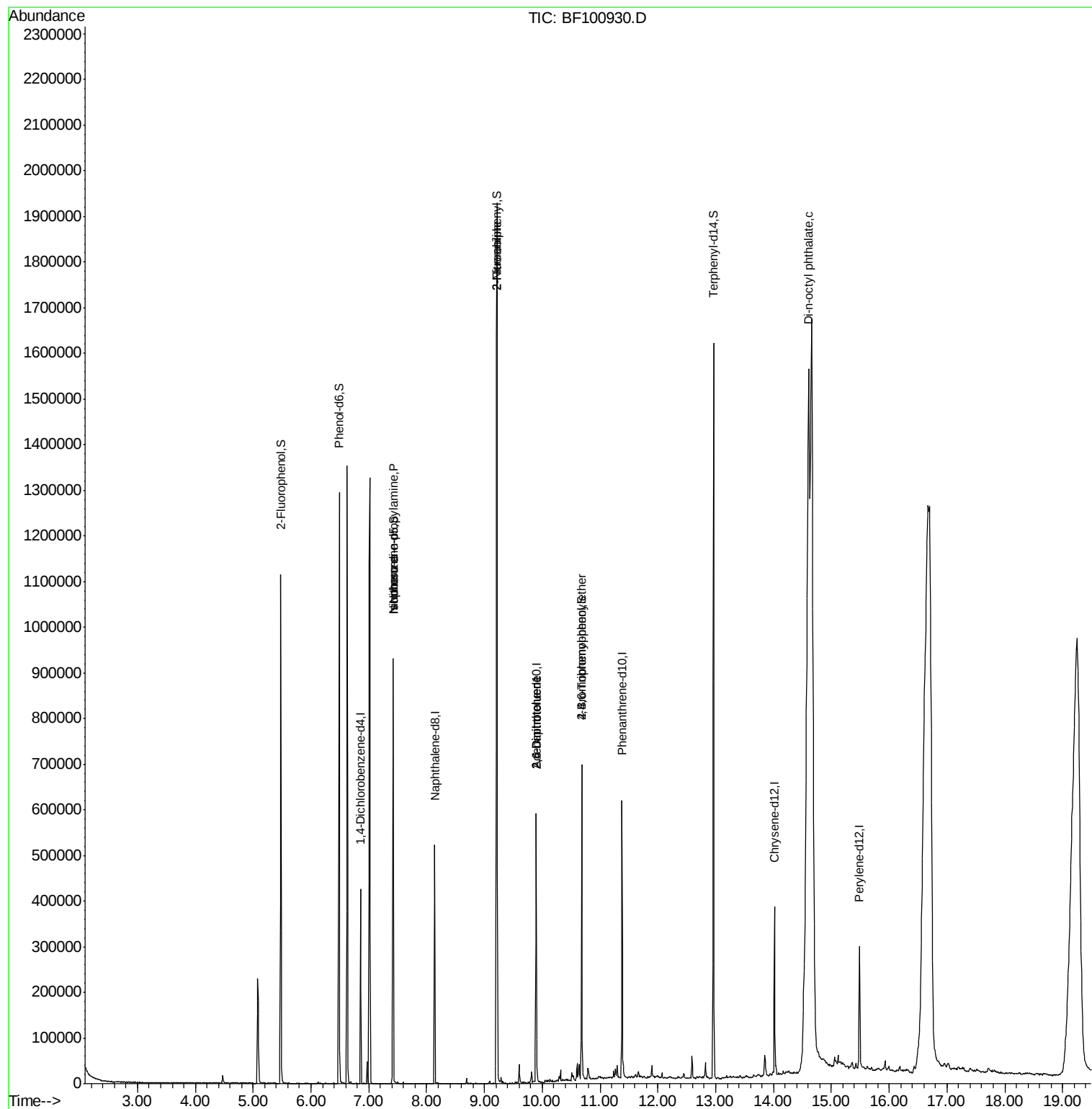
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59654	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	234724	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112252	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	210963	20.00	ng	0.00
75) Chrysene-d12	14.02	240	133531	20.00	ng	-0.01
86) Perylene-d12	15.49	264	130125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	299567	80.50	ng	0.00
7) Phenol-d6	6.49	99	448097	97.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	288617	81.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	82490	72.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661502	89.73	ng	0.00
78) Terphenyl-d14	12.96	244	573373	98.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	38371	12.057	ng	# 81
25) Isophorone	7.42	82	288609	38.684	ng	# 64
47) 2-Nitroaniline	9.21	65	785	3.139	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13963	8.230	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13963	6.524	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5248	2.321	ng	# 1
84) Di-n-octyl phthalate	14.61	149	49655	5.661	ng	# 75

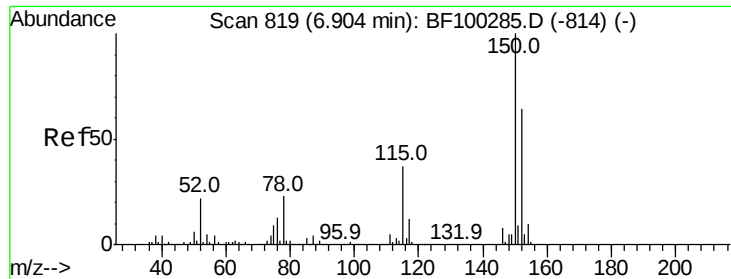
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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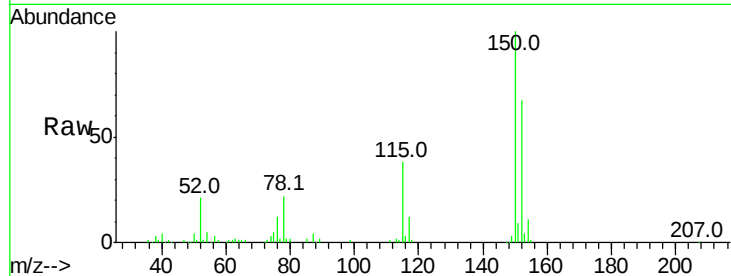


#1

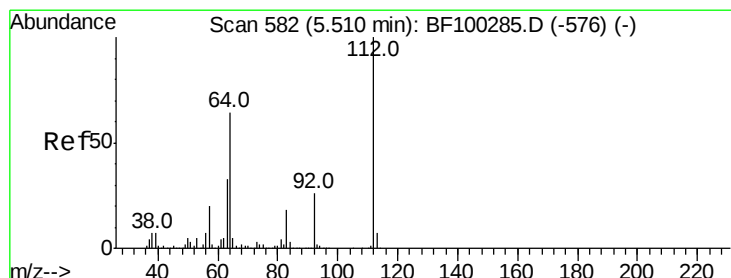
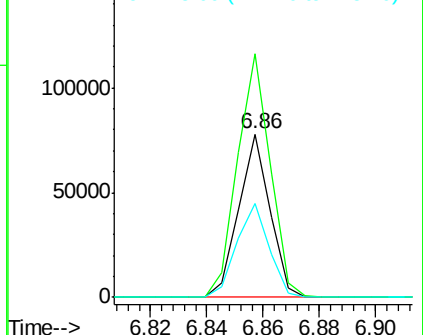
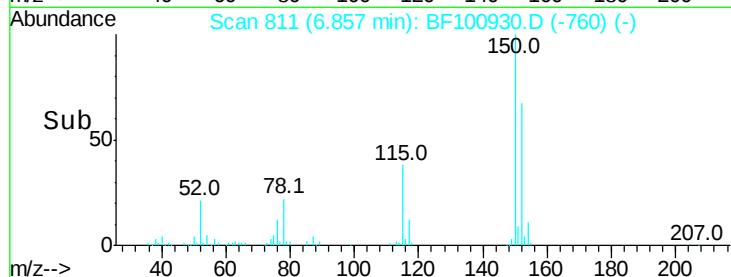
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59654
Ion Ratio Lower Upper
152 100
150 149.3 124.6 186.8
115 57.4 50.1 75.1



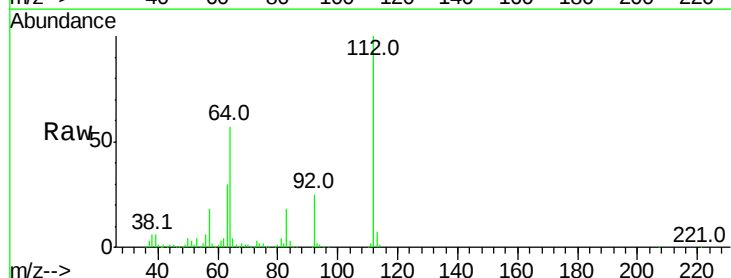
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



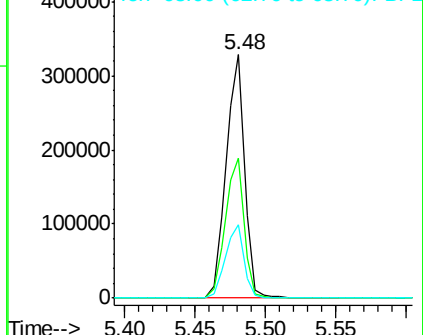
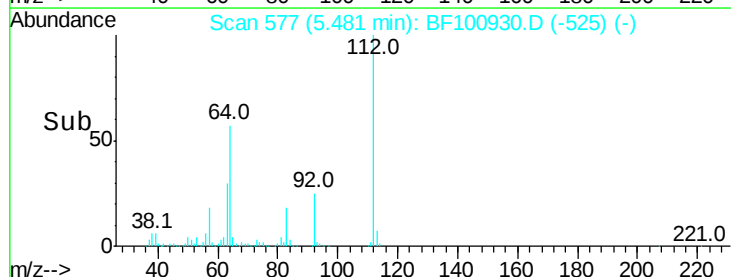
#5

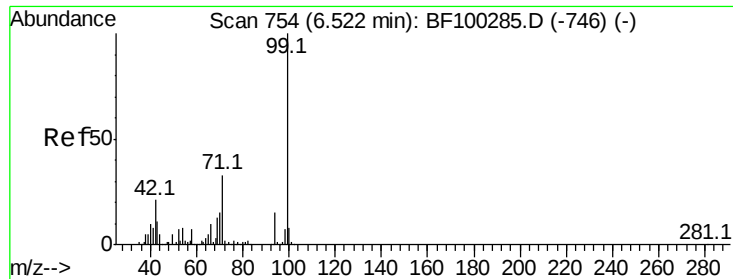
2-Fluorophenol
Concen: 80.498 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt Ion:112 Resp: 299567
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.4 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: 97.646 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Instrument :

BNA_F

ClientSampleId :

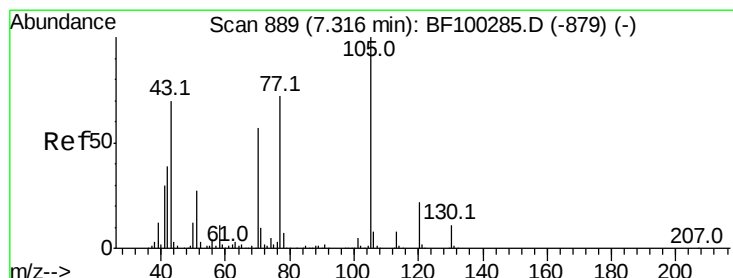
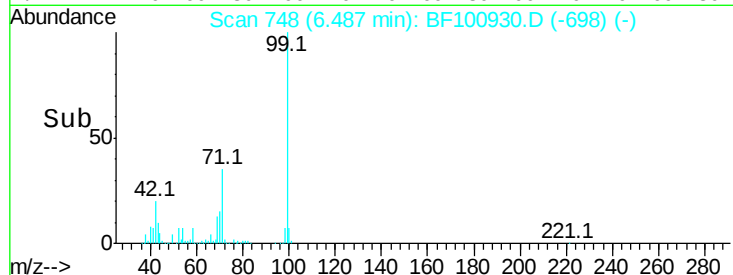
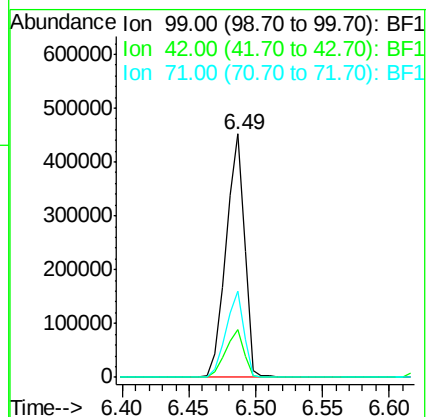
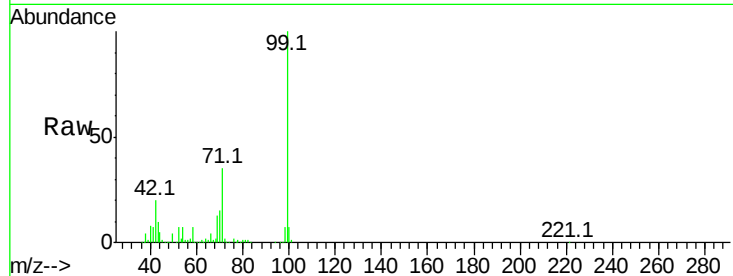
Tot Ion: 99 Resp: 448097

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 35.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.057 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Tgt Ion: 70 Resp: 38371

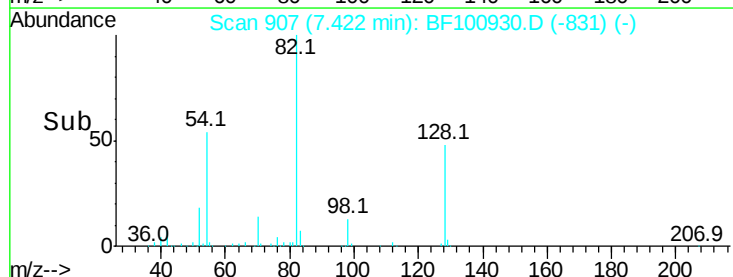
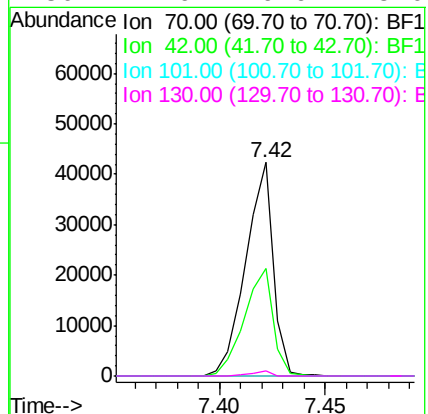
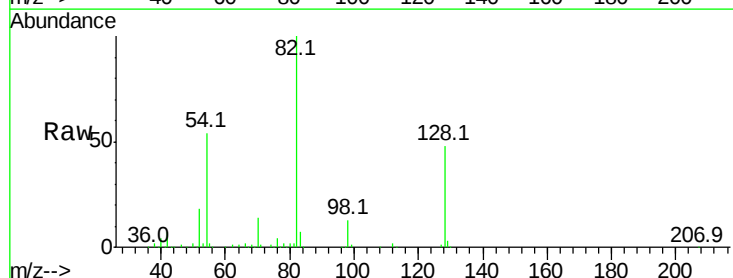
Ion Ratio Lower Upper

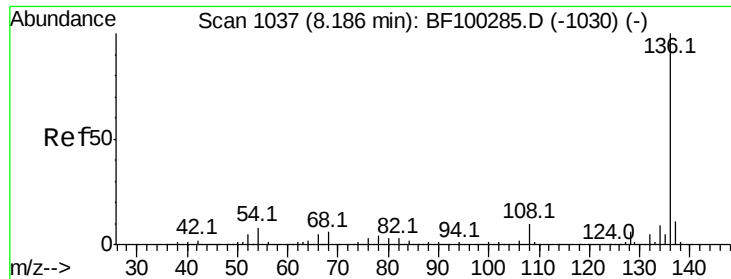
70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

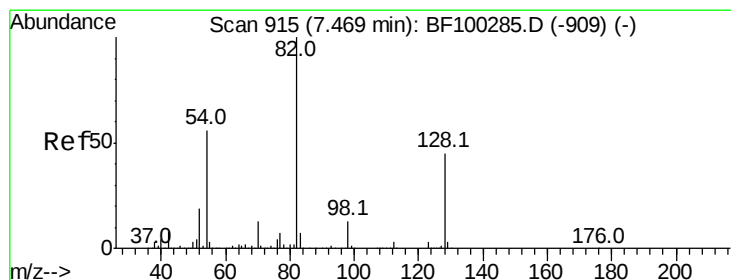
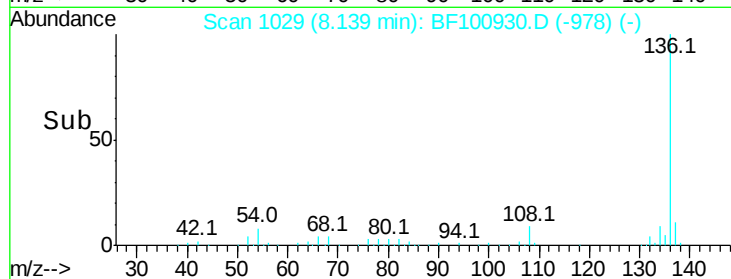
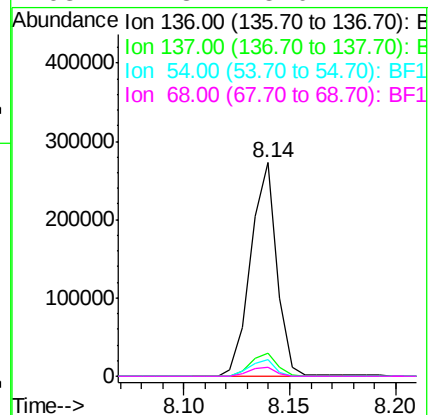
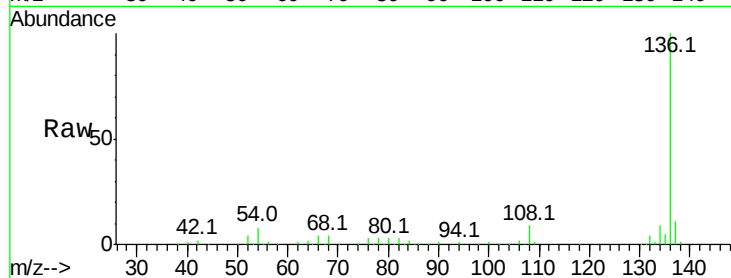




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

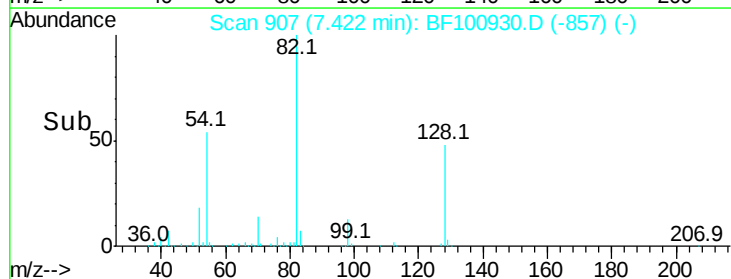
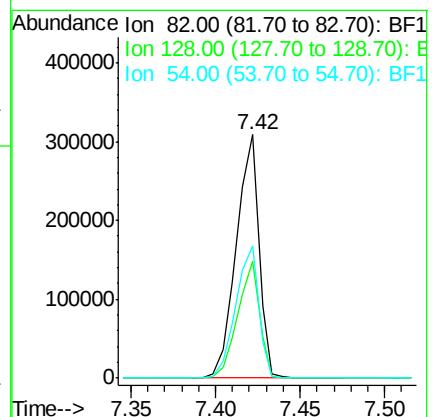
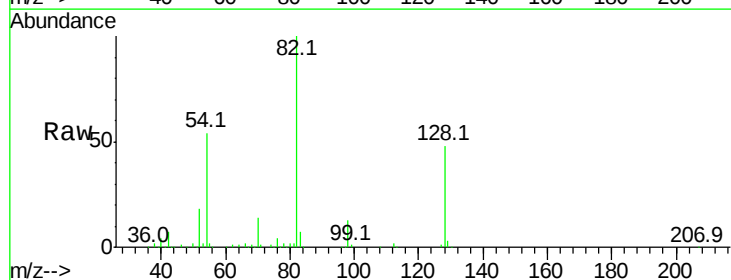
Instrument :
BNA_F
ClientSampleId :

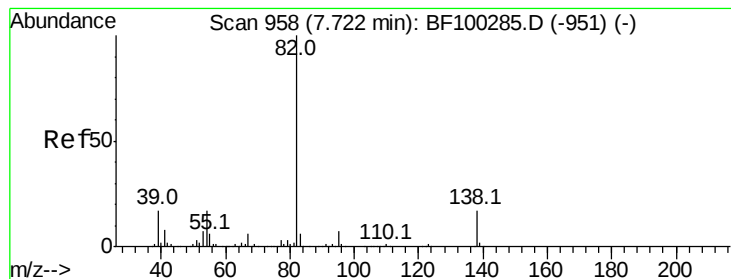
Tot Ion:136	Resp:	234724
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.6	6.6	9.8
68 4.3	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 81.293 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt	Ion: 82	Resp:	288617
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	54.2	41.4	62.2





#25

Isophorone

Concen: 38.684 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Instrument :

BNA_F

ClientSampleId :

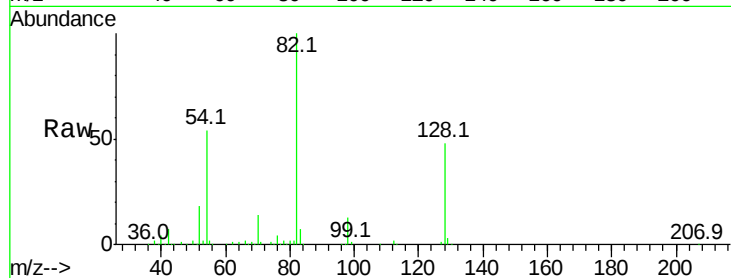
Tot Ion: 82 Resp: 288609

Ion Ratio Lower Upper

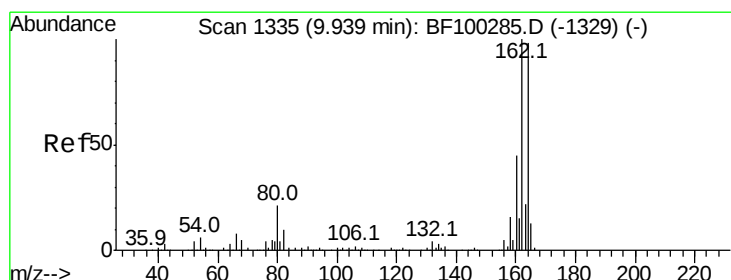
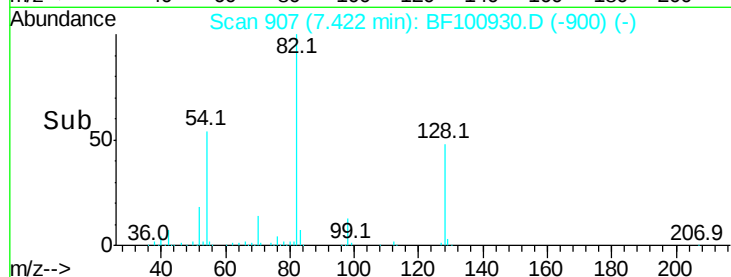
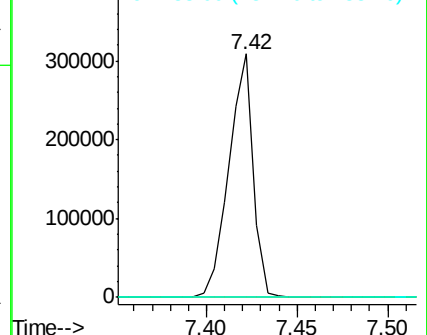
82 100

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: BF100930.D

Acq: 28 Nov 2017 13:35

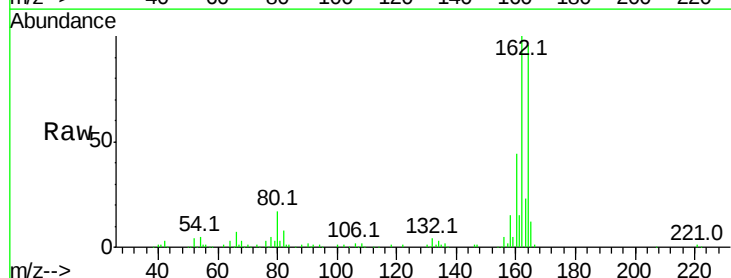
Tgt Ion:164 Resp: 112252

Ion Ratio Lower Upper

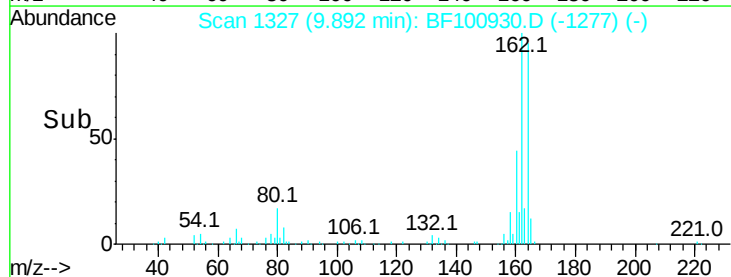
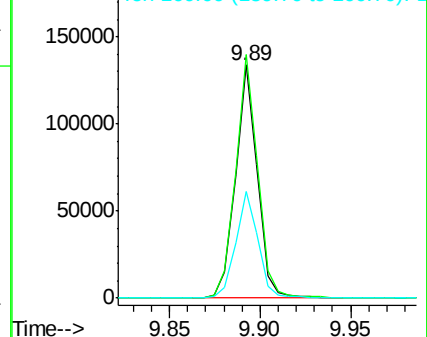
164 100

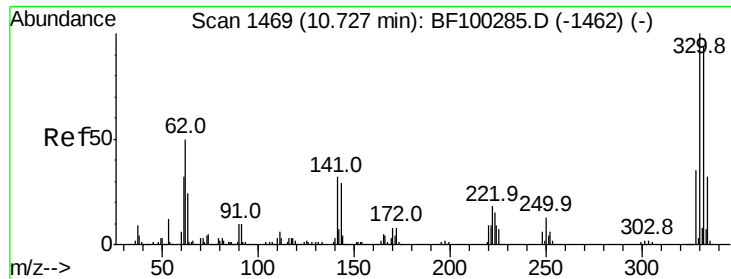
162 104.4 86.1 129.1

160 45.7 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

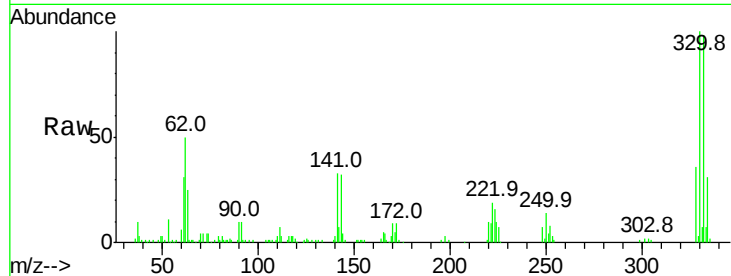




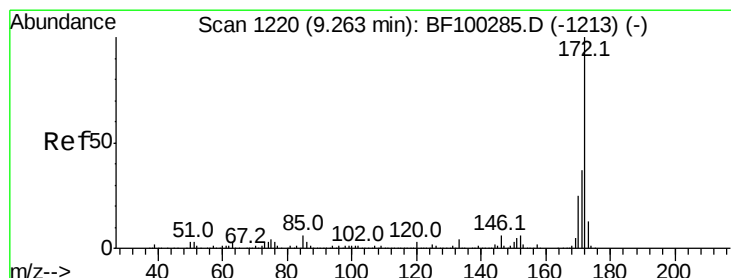
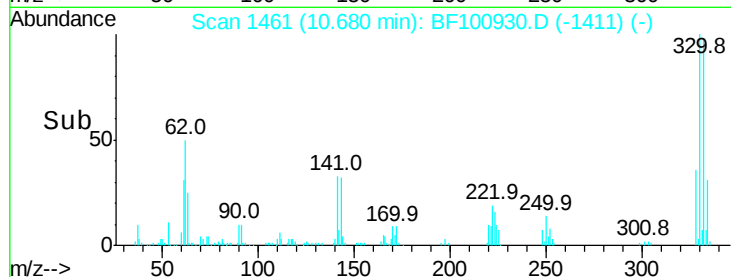
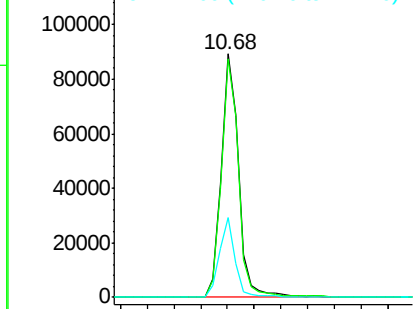
#41
 2,4,6-Tribromophenol
 Concen: 72.116 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	29.9	44.9#

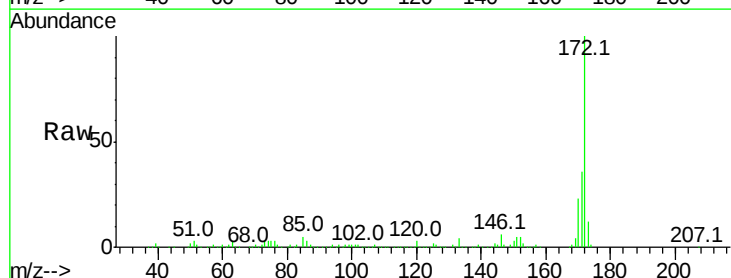


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

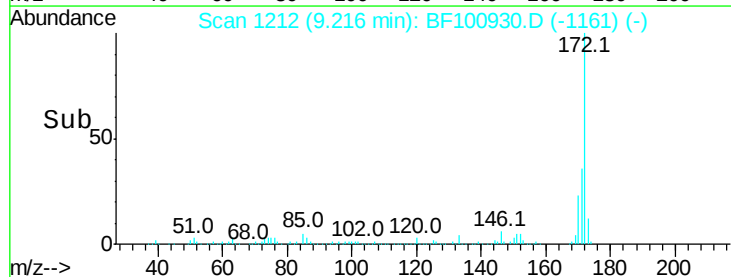
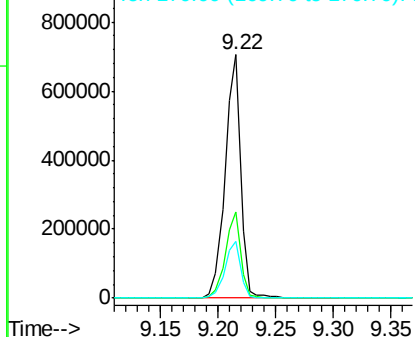


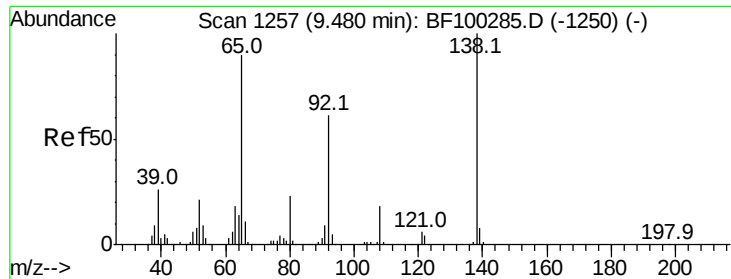
#44
 2-Fluorobiphenyl
 Concen: 89.734 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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: 3.139 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.23 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Instrument :

BNA_F

ClientSampleId :

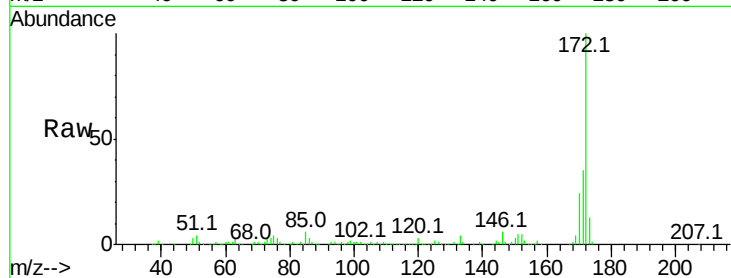
Tot Ion: 65 Resp: 785

Ion Ratio Lower Upper

65 100

92 196.6 55.8 83.6#

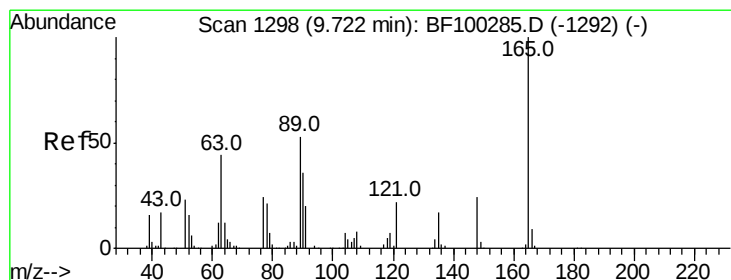
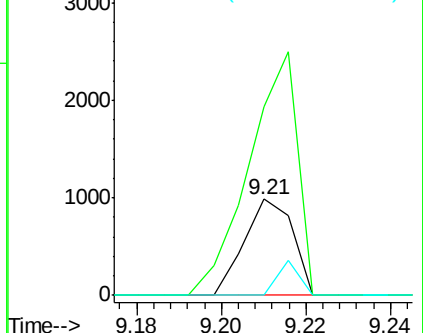
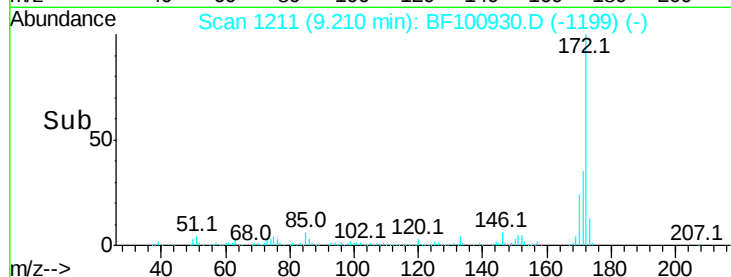
138 0.0 91.2 136.8#



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: 8.230 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

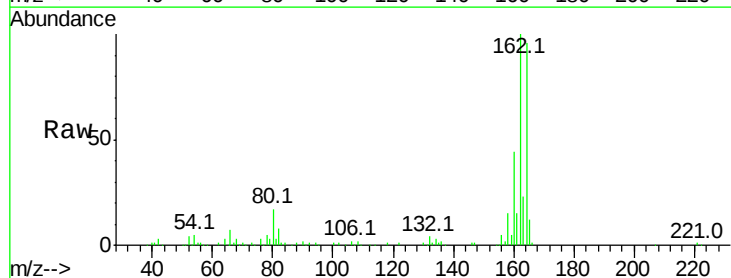
Tgt Ion:165 Resp: 13963

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

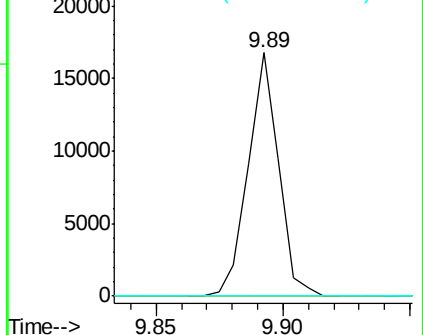
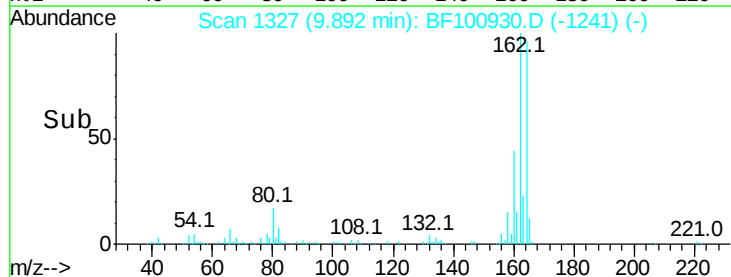
89 0.0 44.0 66.0#

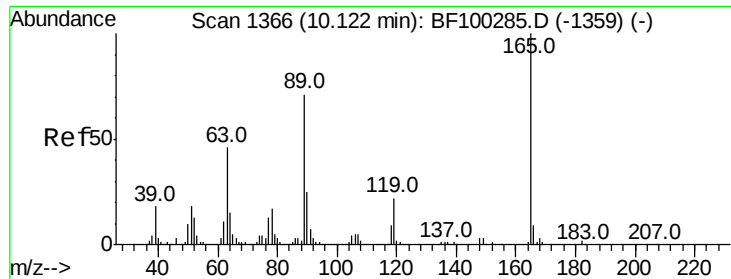


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

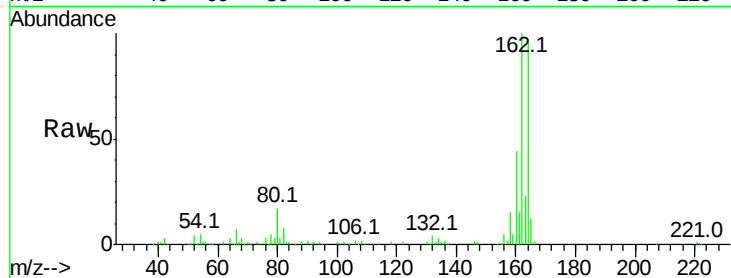




#56
 2,4-Dinitrotoluene
 Concen: 6.524 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

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#



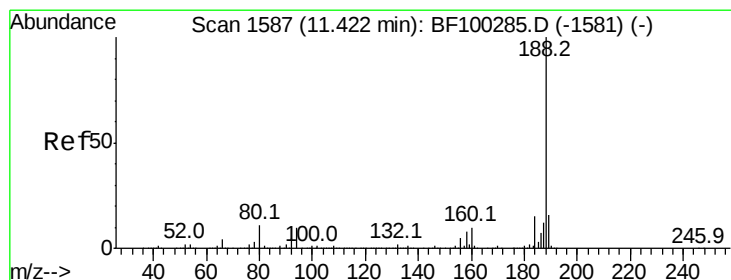
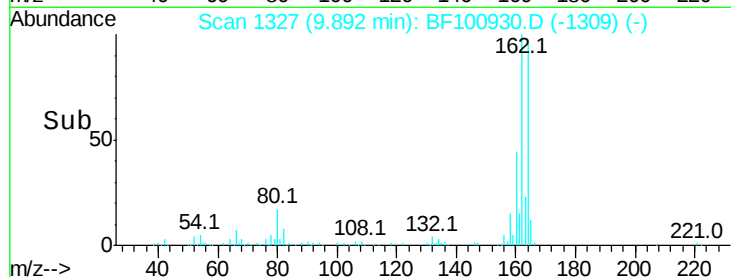
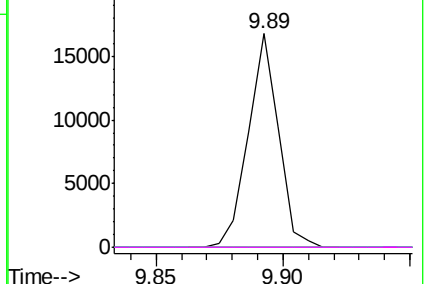
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

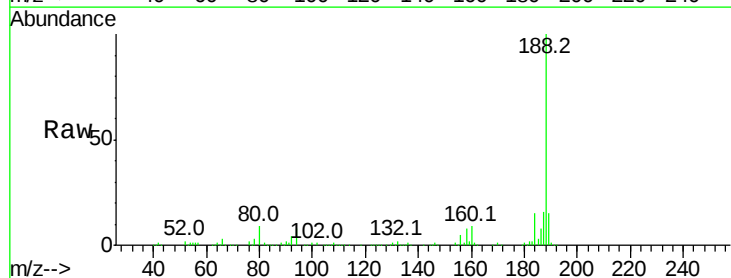
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.6	9.2	13.8#

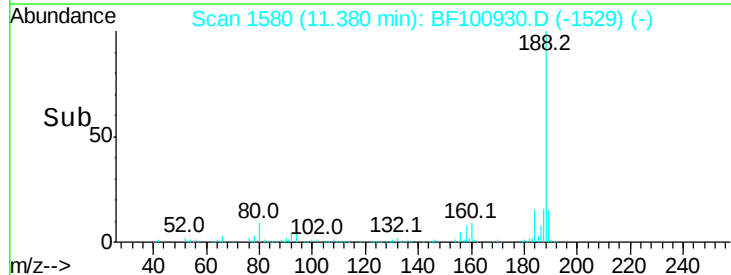
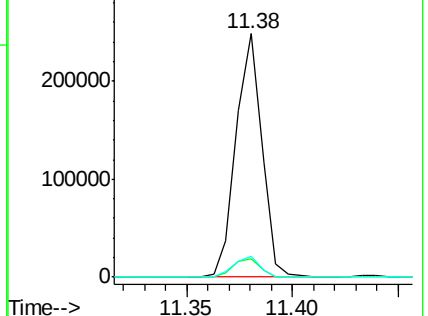


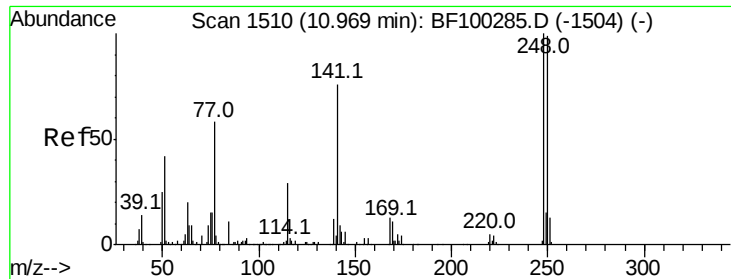
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

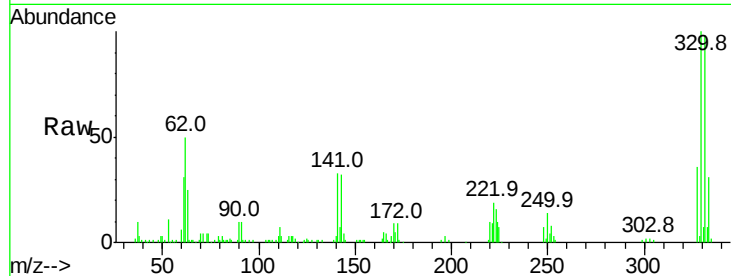




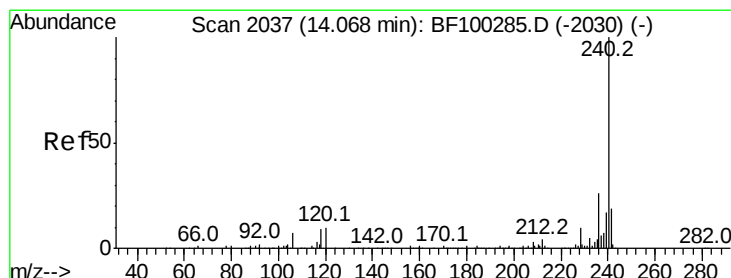
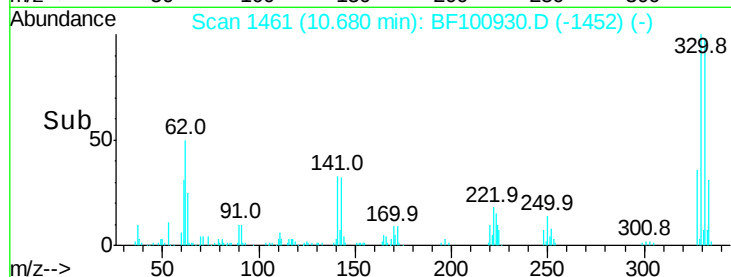
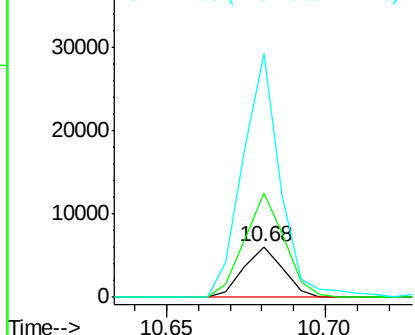
#66
4-Bromophenyl-phenylether
Concen: 2.321 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5248
Ion Ratio Lower Upper
248 100
250 205.3 76.9 115.3#
141 480.3 74.4 111.6#

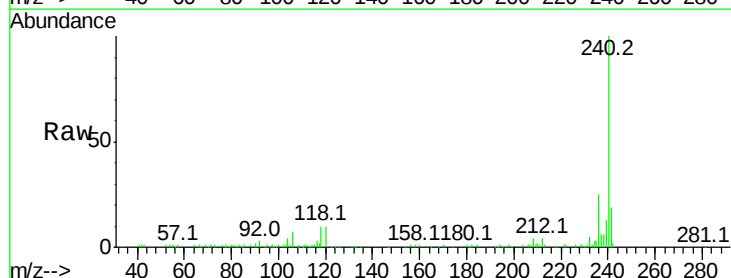


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

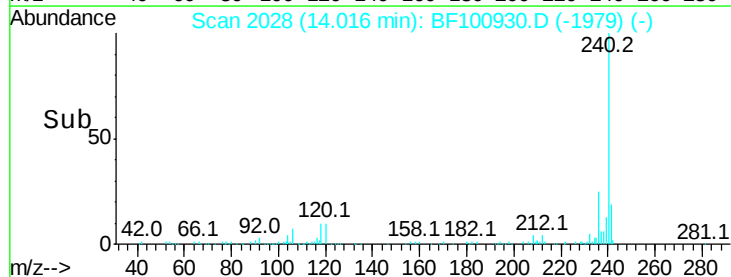
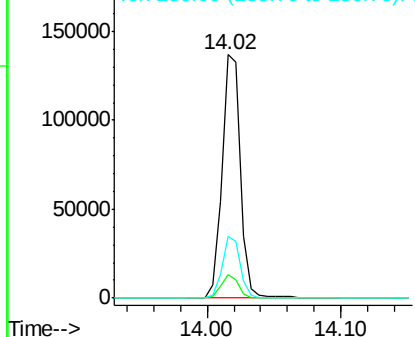


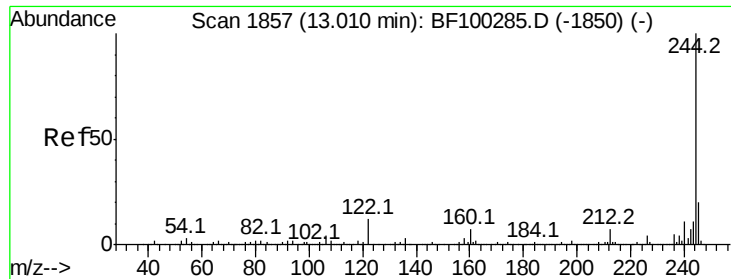
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt Ion:240 Resp: 133531
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.4 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

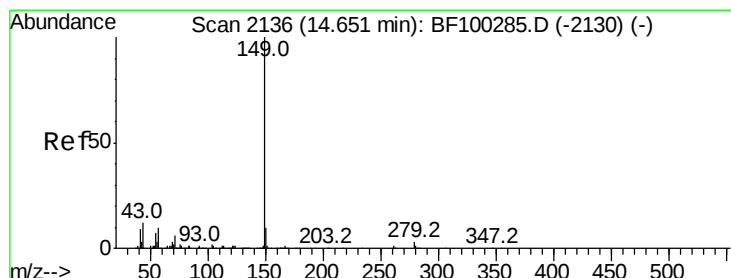
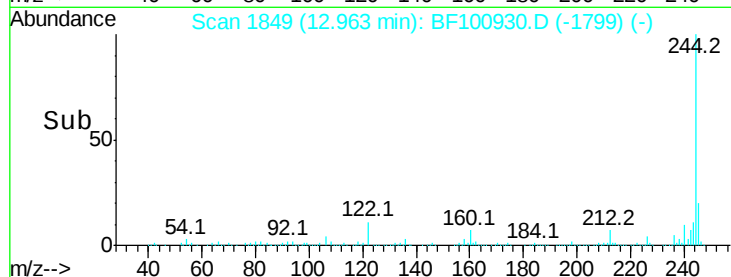
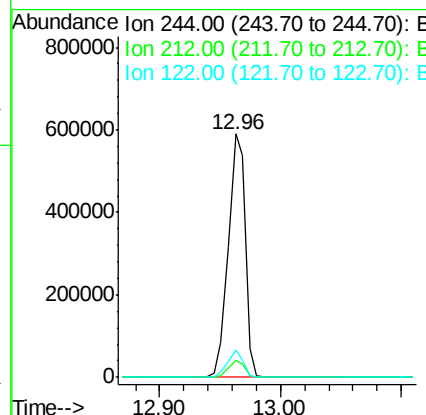
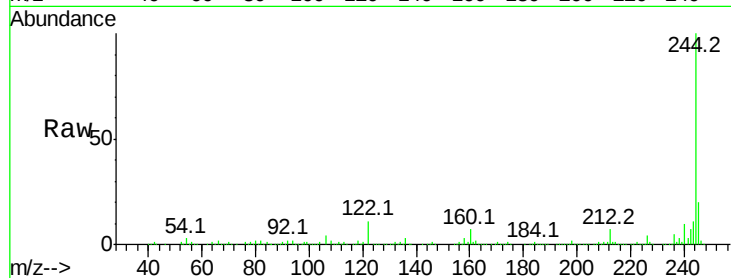




#78
 Terphenyl-d14
 Concen: 98.662 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

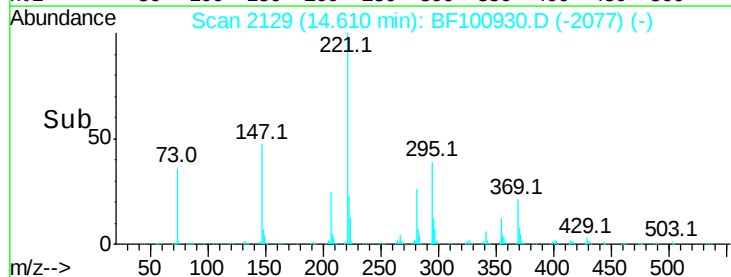
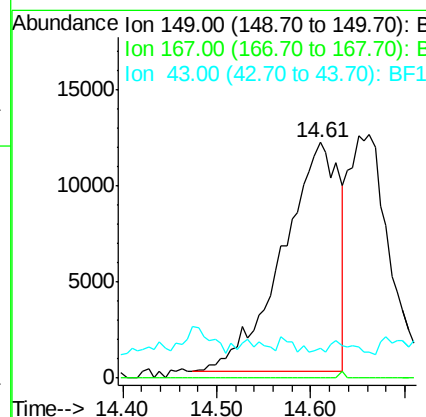
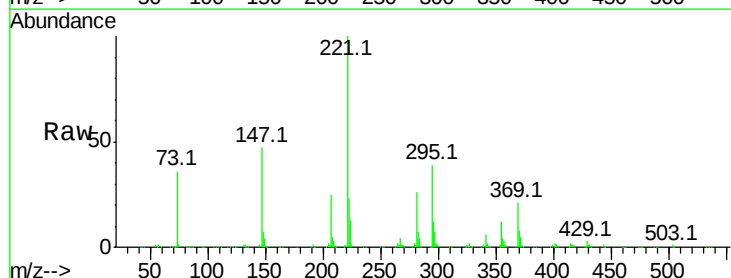
Instrument :
 BNA_F
 ClientSampleId :

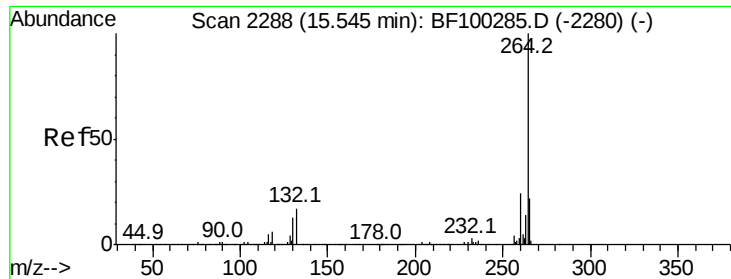
Tot Ion:244 Resp: 573373
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.2 11.0 16.4



#84
 Di-n-octyl phthalate
 Concen: 5.661 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Tgt Ion:149 Resp: 49655
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.4 12.6#

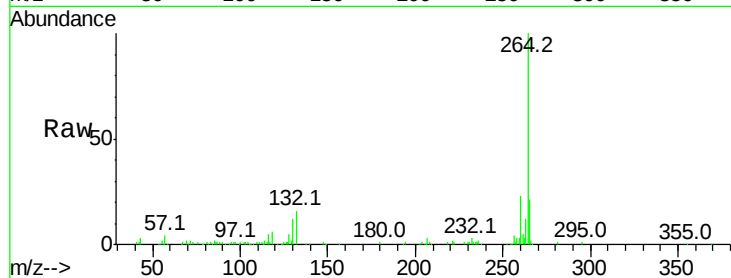




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

