

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100921.D
 Acq On : 28 Nov 2017 5:02
 Operator : SJ/JU
 Sample : I6299-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 09:57:24 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	68236	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	266223	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	121936	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	217854	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146312	20.00	ng	-0.01
86) Perylene-d12	15.49	264	135340	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	470551	110.54	ng	0.02
7) Phenol-d6	6.49	99	497365	94.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	414900	103.04	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	171790	138.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	837381	104.57	ng	0.00
78) Terphenyl-d14	12.97	244	703854	110.53	ng	0.00

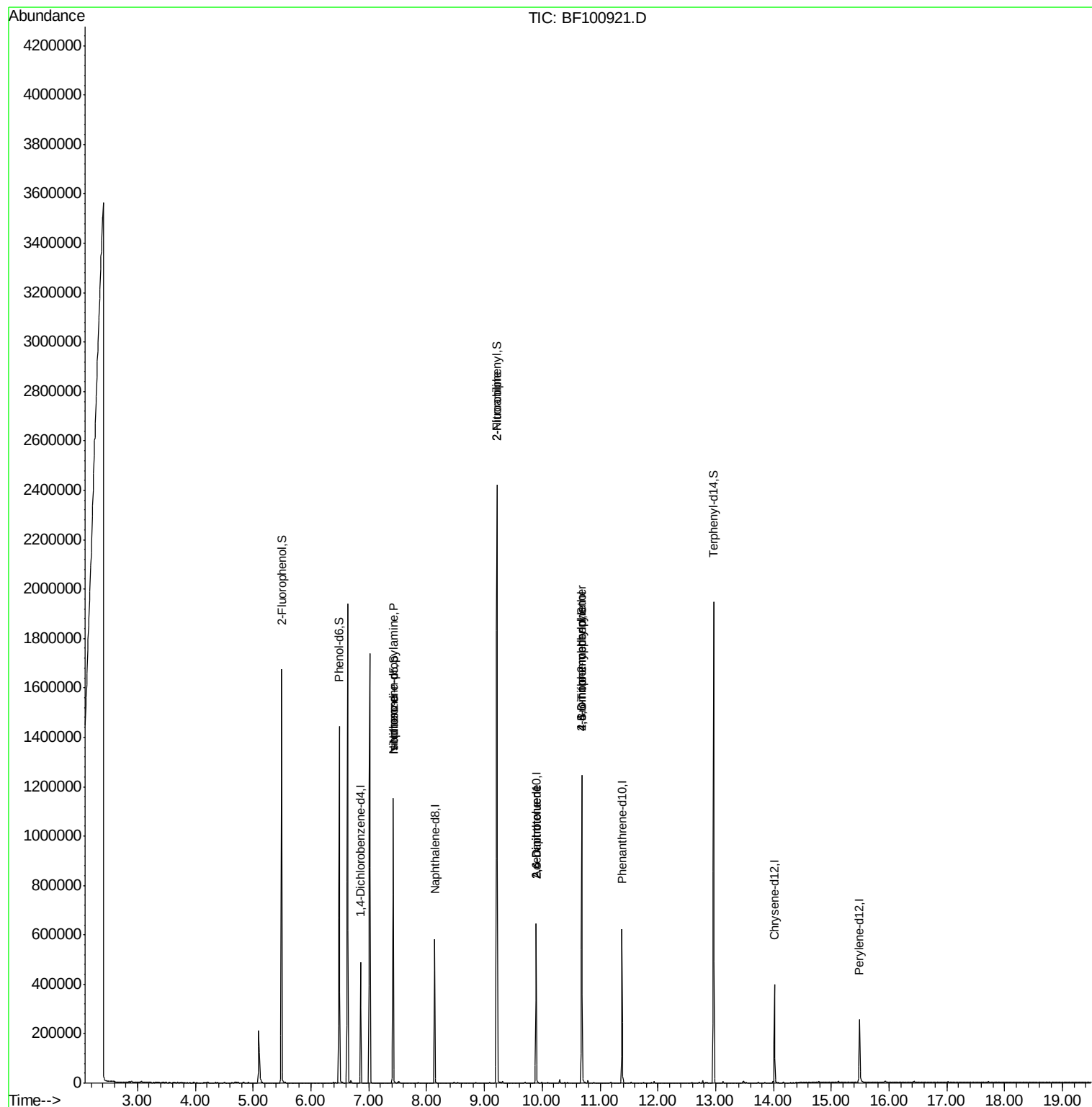
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	54395	14.942	ng	# 79
25) Isophorone	7.42	82	414894	49.031	ng	# 64
47) 2-Nitroaniline	9.21	65	1099	3.242	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	15145	8.218	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	15145	6.514	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	293	8.789	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	10799	4.624	ng	# 1

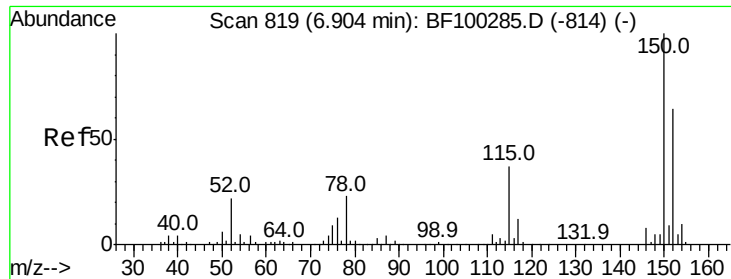
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100921.D
Acq On : 28 Nov 2017 5:02
Operator : SJ/JU
Sample : I6299-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 28 09:57:24 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



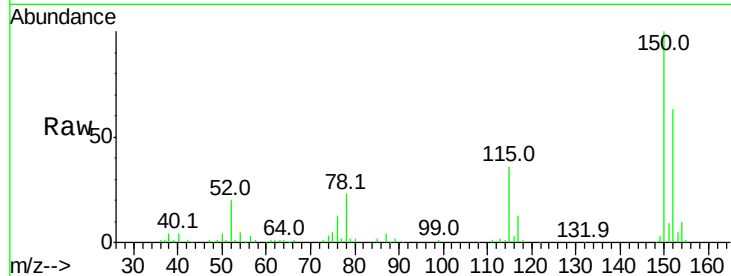


#1

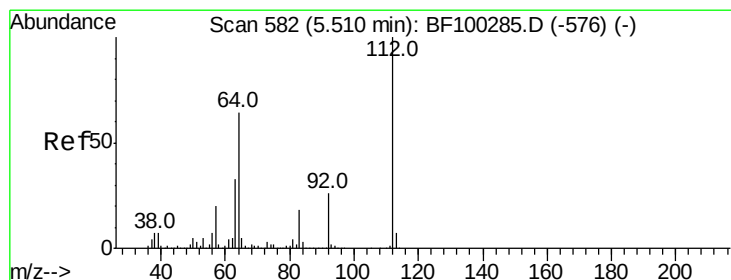
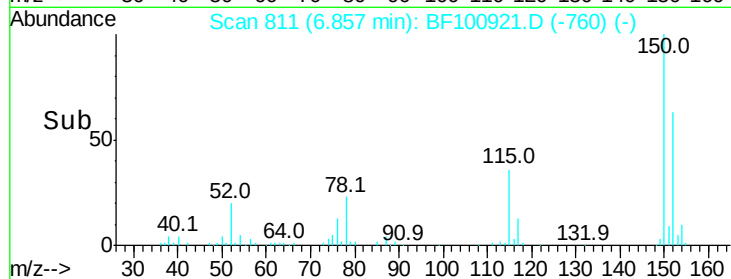
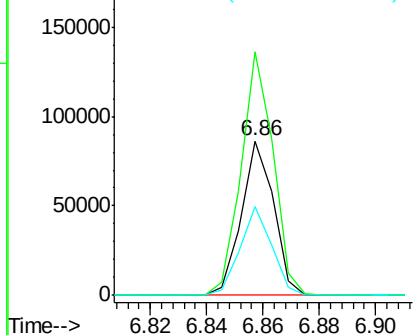
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68236
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.4 50.1 75.1



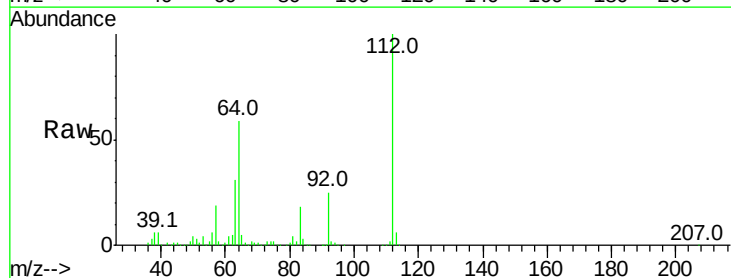
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



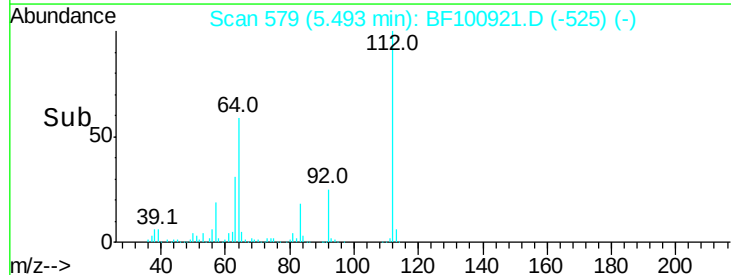
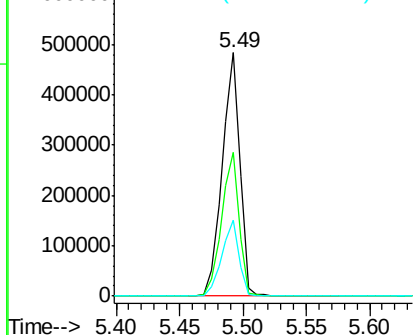
#5

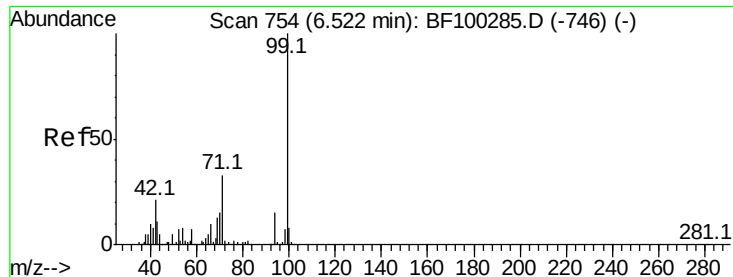
2-Fluorophenol
Concen: 110.541 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

Tgt Ion:112 Resp: 470551
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 31.0 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: 94.751 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

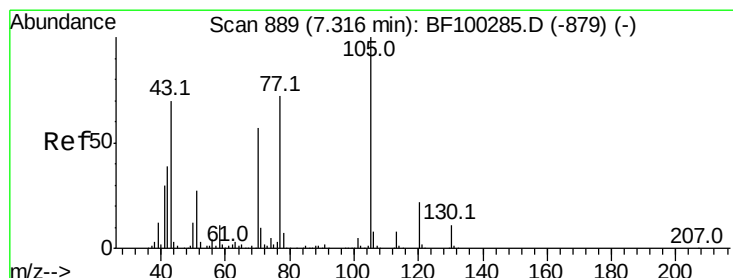
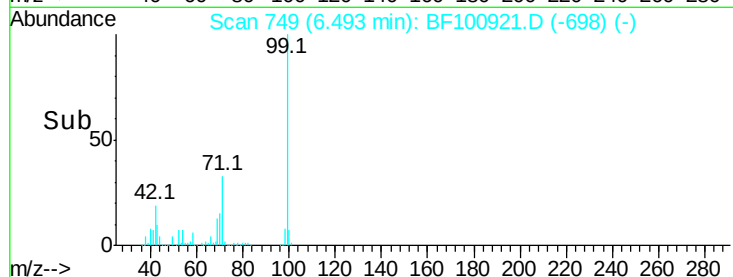
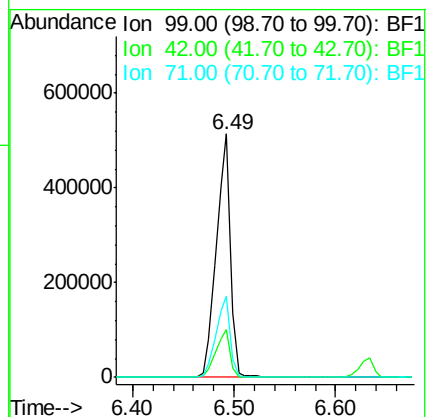
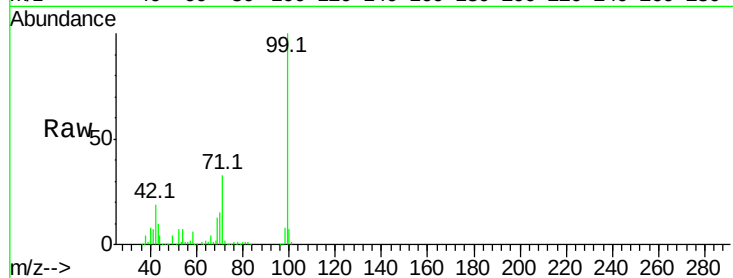
Tot Ion: 99 Resp: 497365

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.942 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

Tgt Ion: 70 Resp: 54395

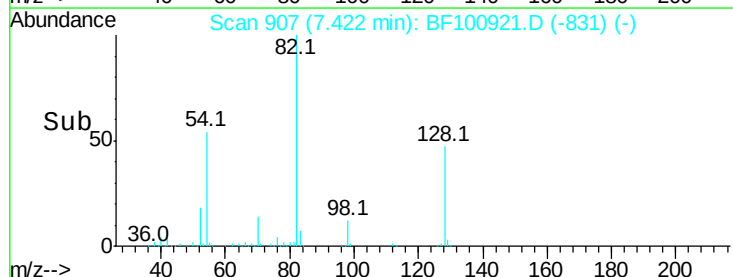
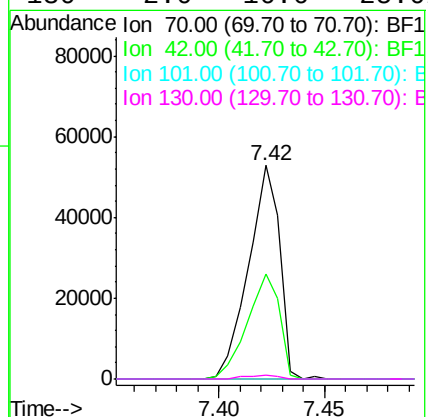
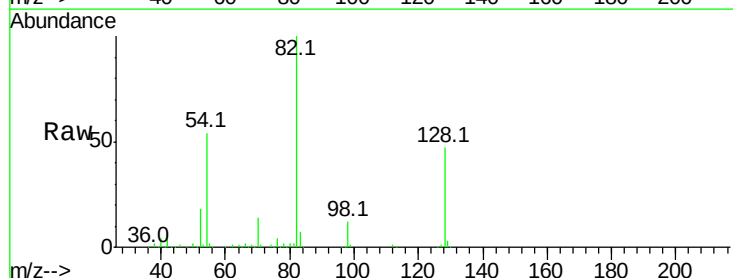
Ion Ratio Lower Upper

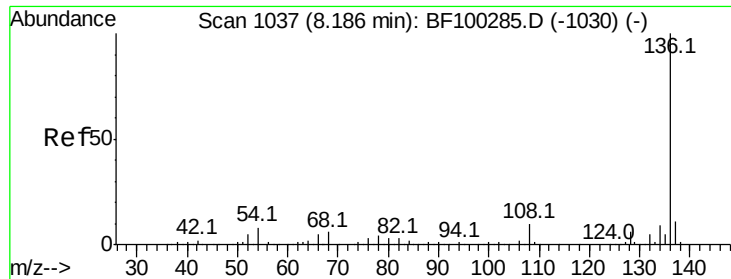
70 100

42 49.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

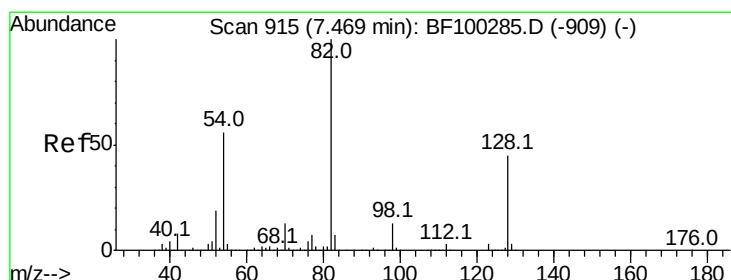
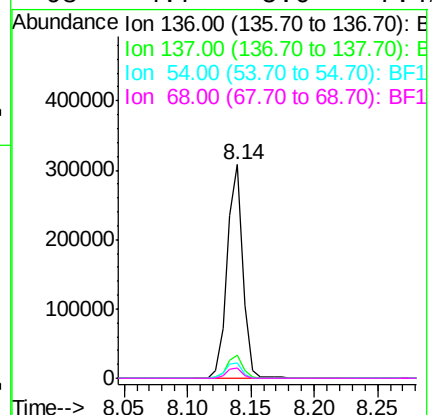
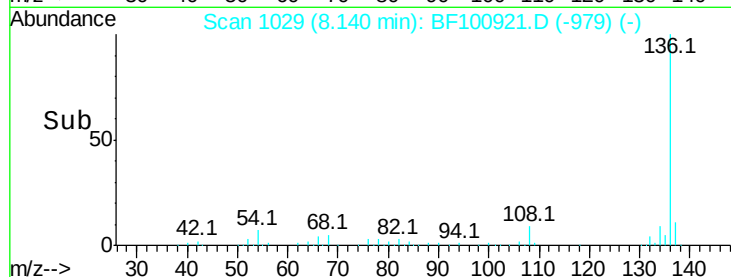
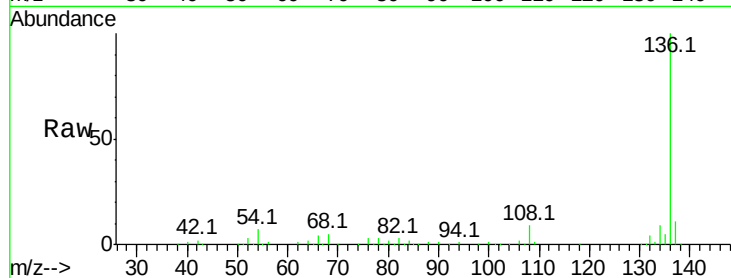




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

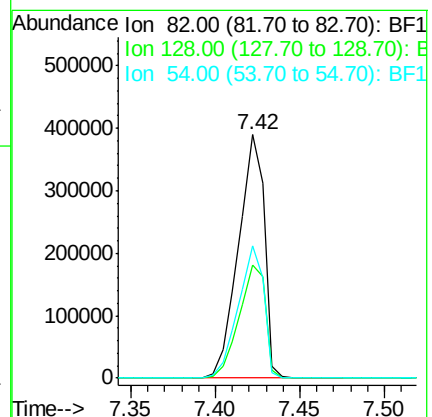
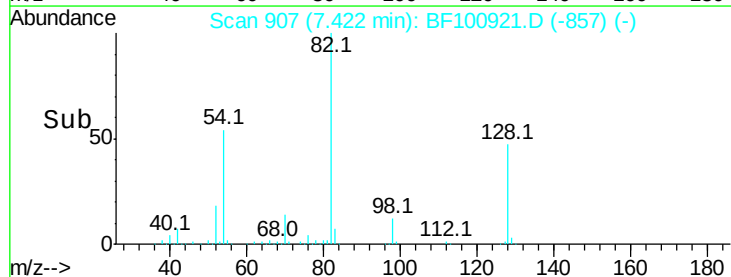
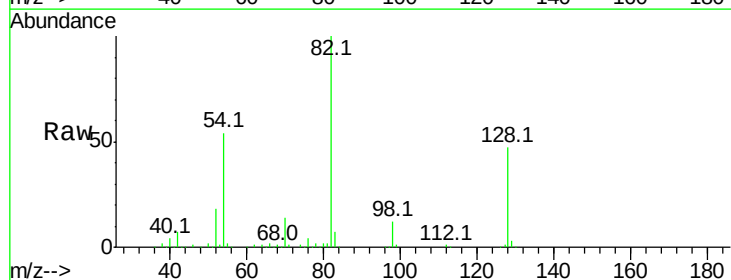
Instrument :
BNA_F
ClientSampleId :

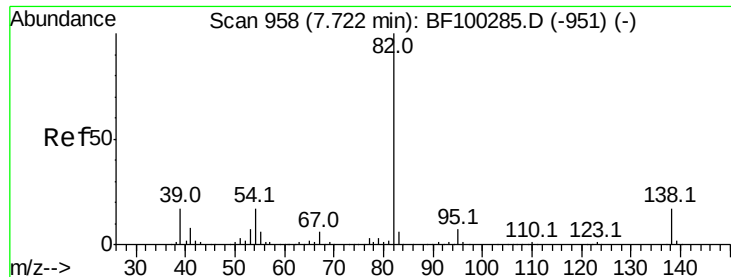
Tot Ion:	136	Resp:	266223
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 103.036 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

Tgt Ion:	82	Resp:	414900
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	54.1	41.4	62.2





#25

Isophorone

Concen: 49.031 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

Instrument :

BNA_F

ClientSampled :

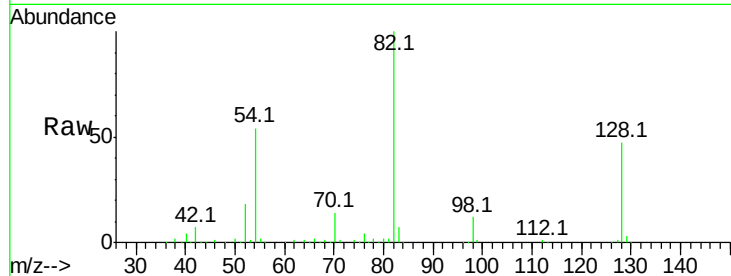
Tot Ion: 82 Resp: 414894

Ion Ratio Lower Upper

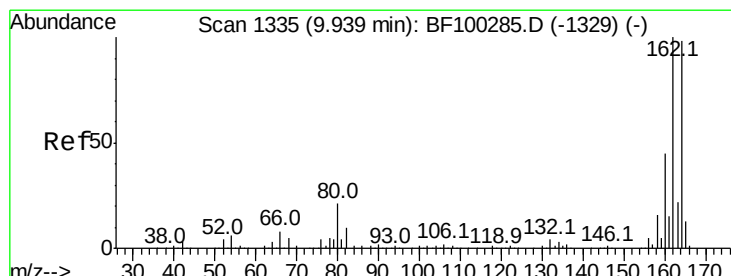
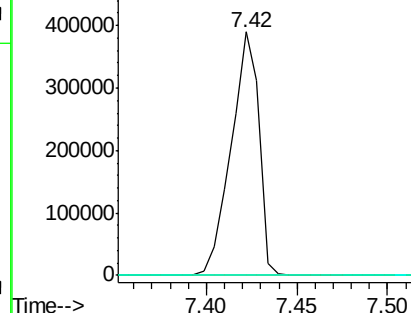
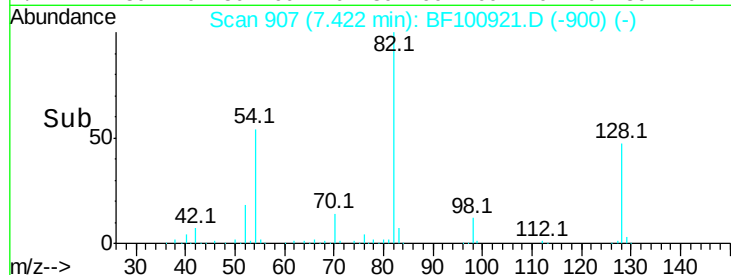
82 100

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: BF100921.D

Acq: 28 Nov 2017 5:02

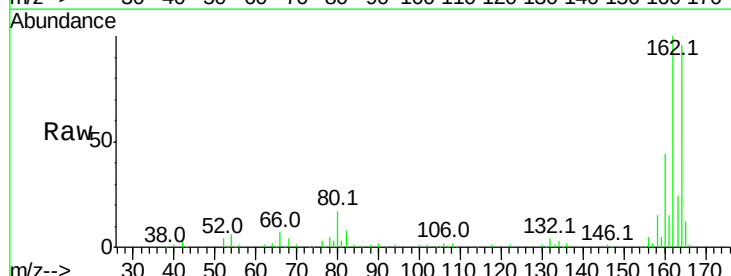
Tgt Ion: 164 Resp: 121936

Ion Ratio Lower Upper

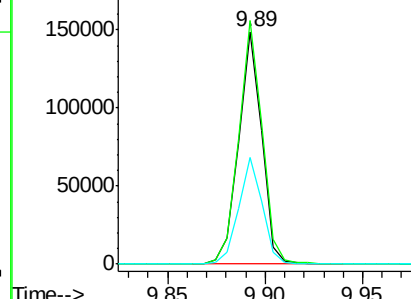
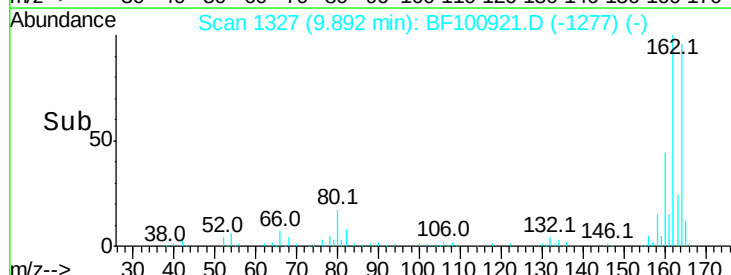
164 100

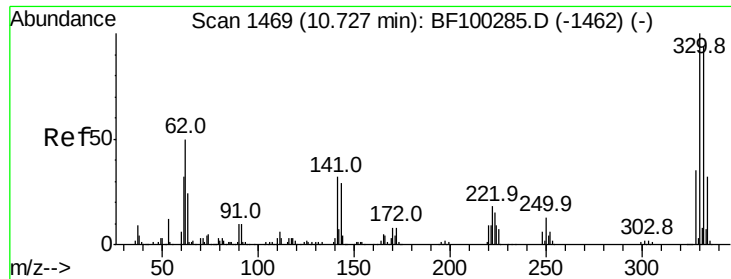
162 104.6 86.1 129.1

160 45.8 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

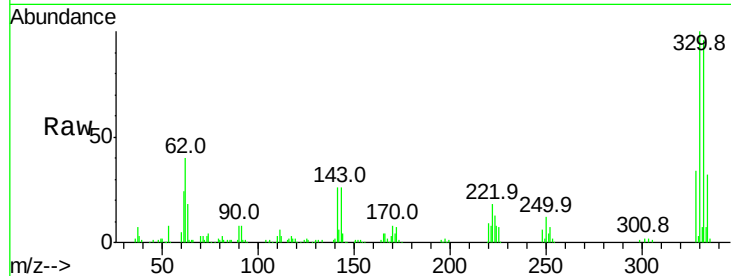




#41
 2,4,6-Tribromophenol
 Concen: 138.258 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100921.D
 Acq: 28 Nov 2017 5:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.4	29.9	44.9#

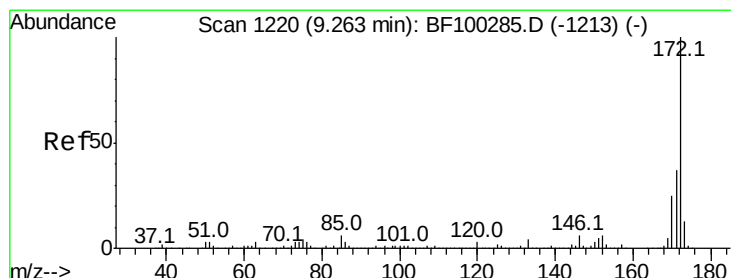
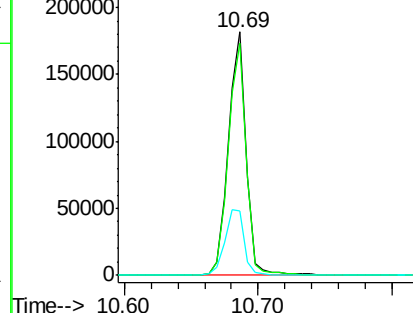
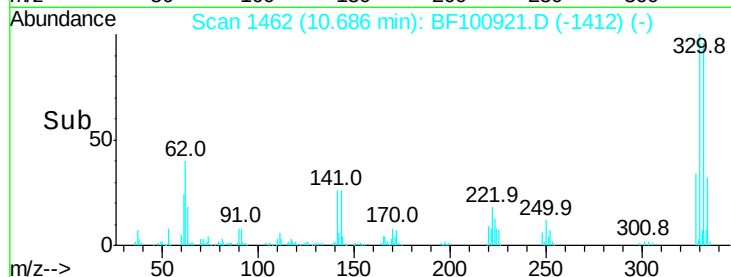


Abundance

Ion 329.80 (329.50 to 330.50): E

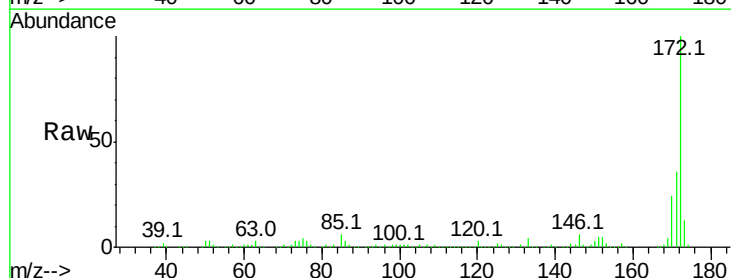
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.570 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100921.D
 Acq: 28 Nov 2017 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

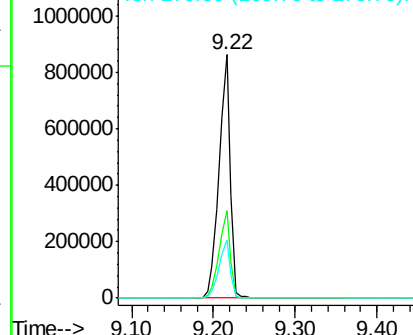
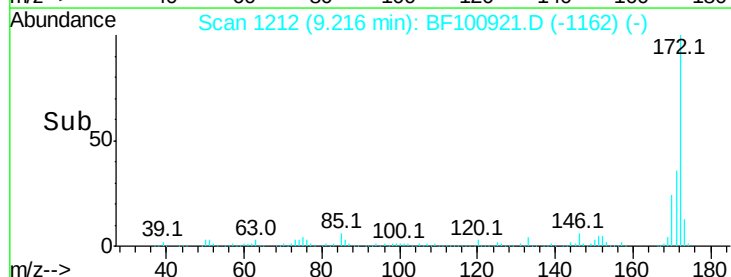


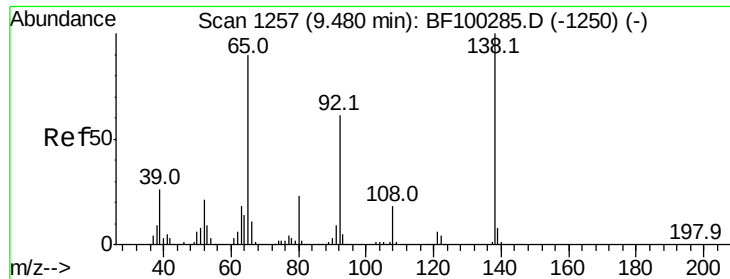
Abundance

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: 3.242 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.24 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

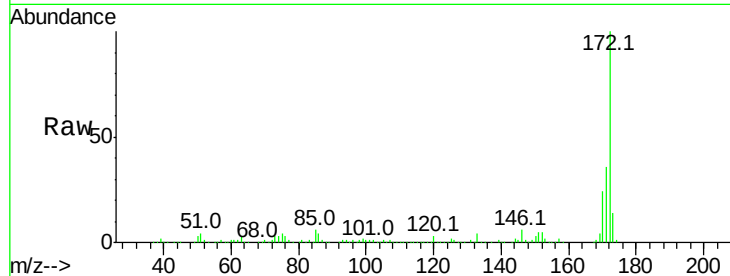
Tot Ion: 65 Resp: 1099

Ion Ratio Lower Upper

65 100

92 174.8 55.8 83.6#

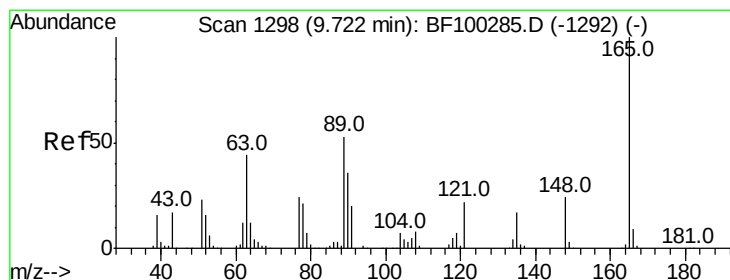
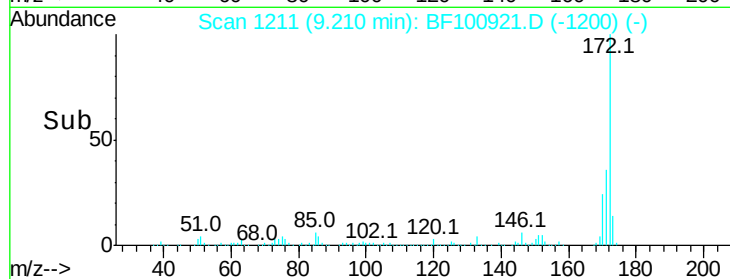
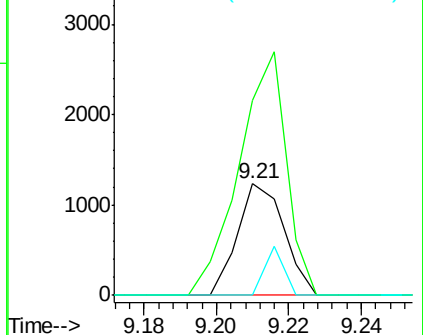
138 0.0 91.2 136.8#



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: 8.218 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

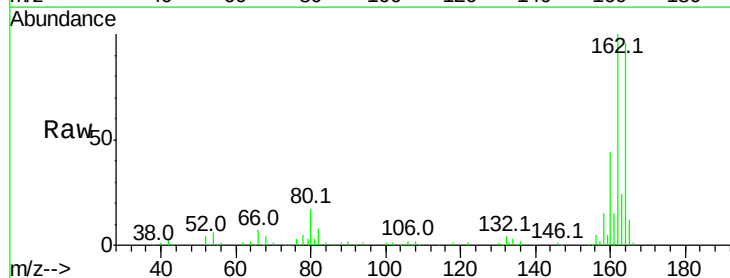
Tgt Ion: 165 Resp: 15145

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

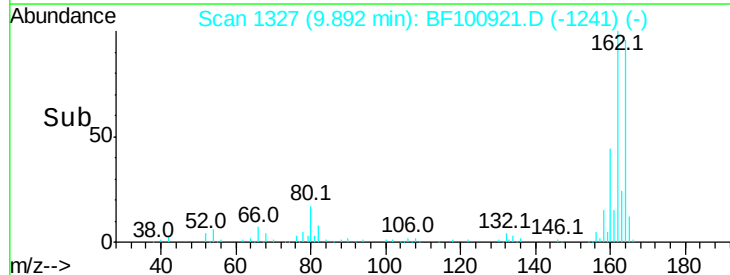
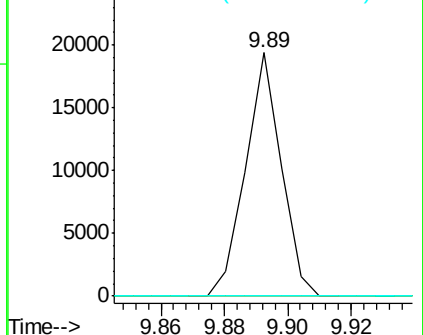
89 0.0 44.0 66.0#

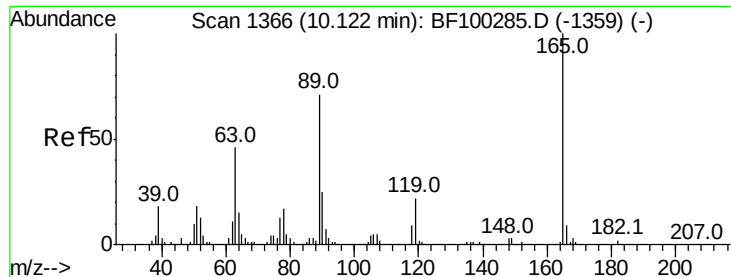


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

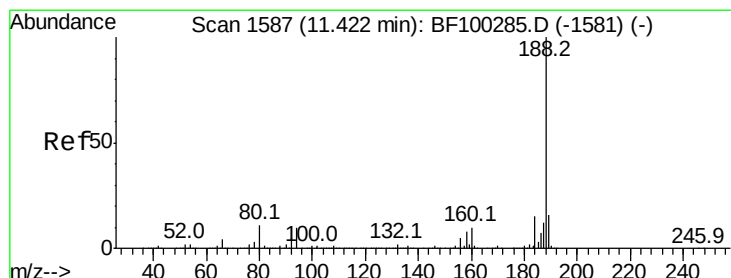
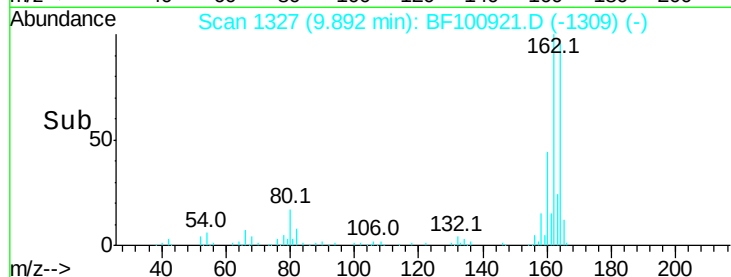
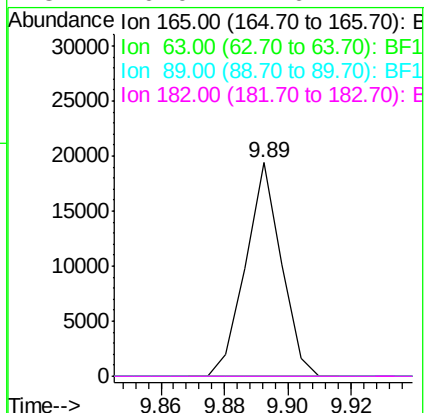
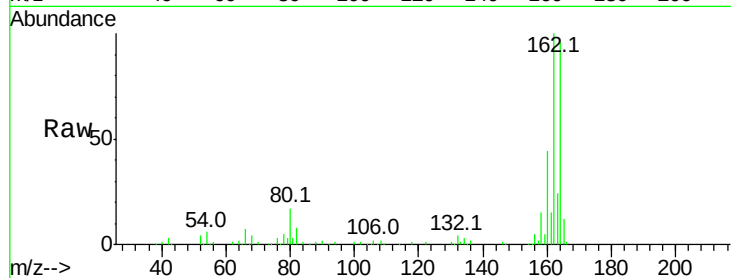




#56
 2,4-Dinitrotoluene
 Concen: 6.514 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100921.D
 Acq: 28 Nov 2017 5:02

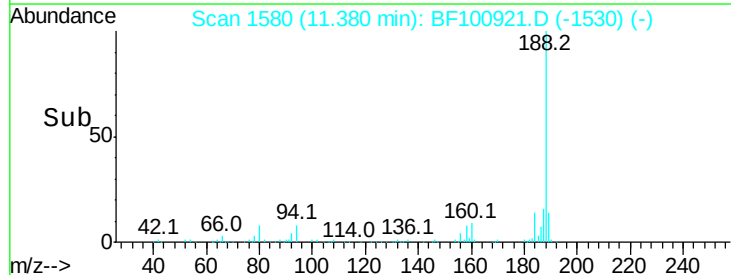
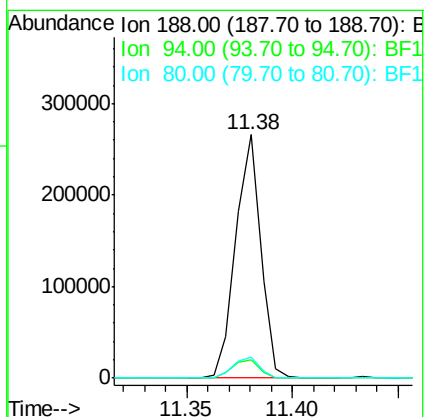
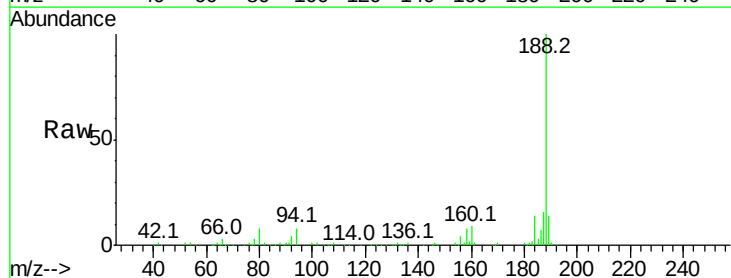
Instrument :
 BNA_F
 ClientSampleId :

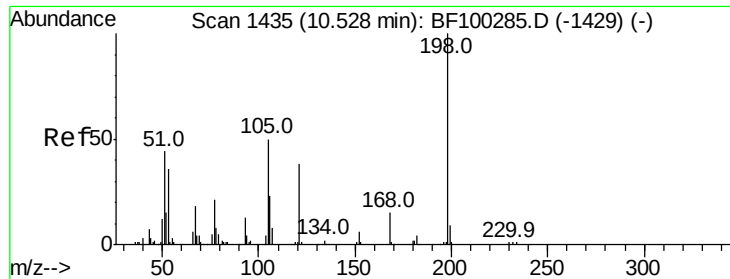
Tot Ion:	165	Resp:	15145
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100921.D
 Acq: 28 Nov 2017 5:02

Tgt Ion:	188	Resp:	217854
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.4	9.2	13.8#

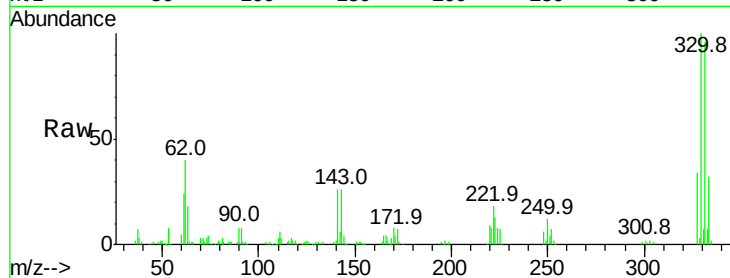




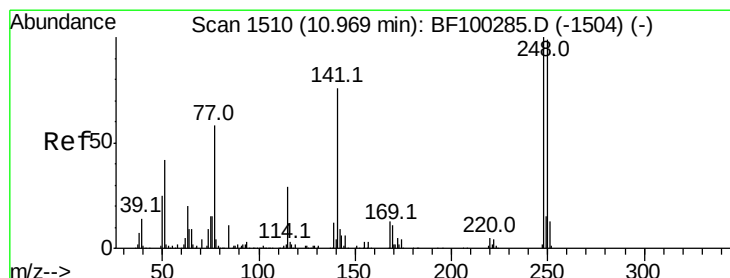
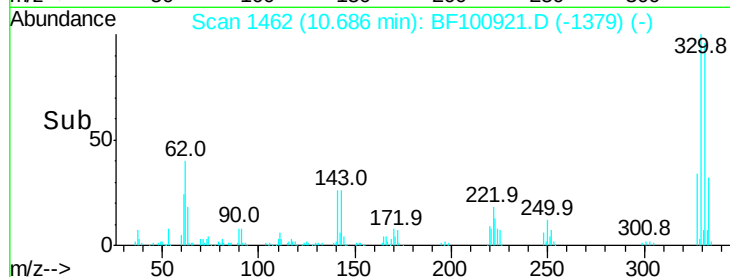
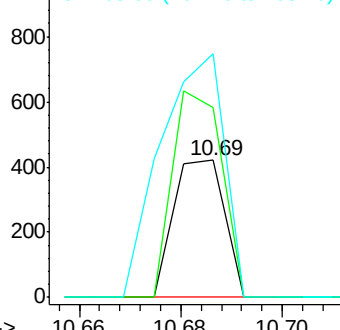
#64
4,6-Dinitro-2-methylphenol
Concen: 8.789 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 293
Ion Ratio Lower Upper
198 100
51 138.2 37.7 77.7#
105 177.4 36.3 76.3#

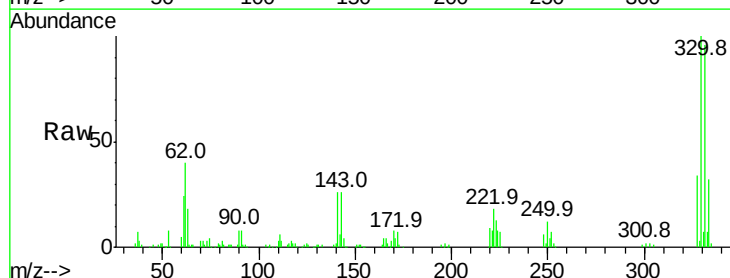


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

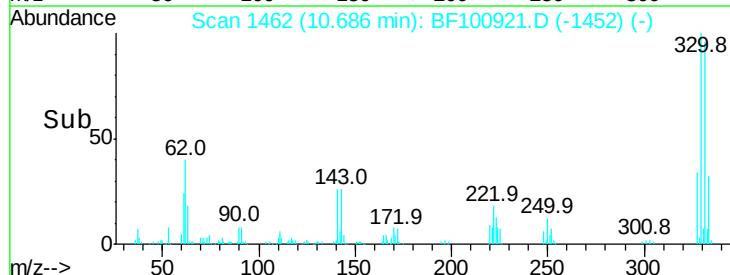
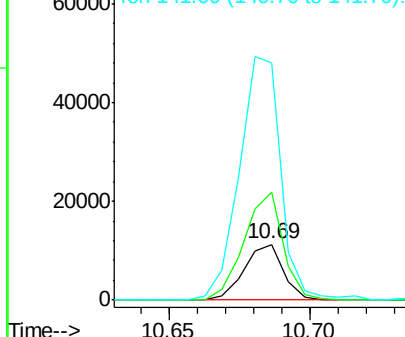


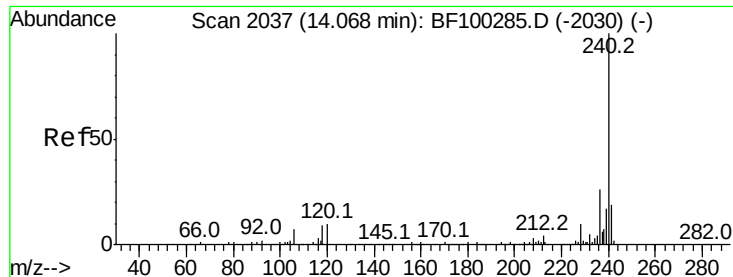
#66
4-Bromophenyl-phenylether
Concen: 4.624 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100921.D
Acq: 28 Nov 2017 5:02

Tgt Ion:248 Resp: 10799
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 427.9 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: BF100921.D

Acq: 28 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

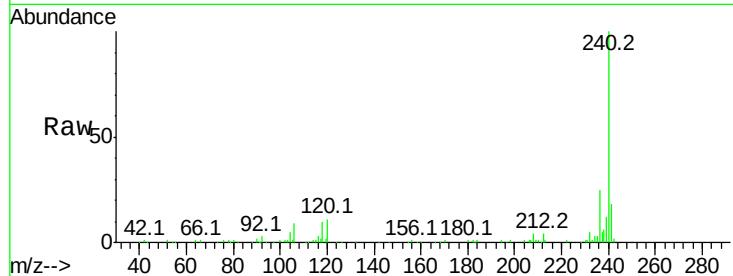
Tot Ion:240 Resp: 146312

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

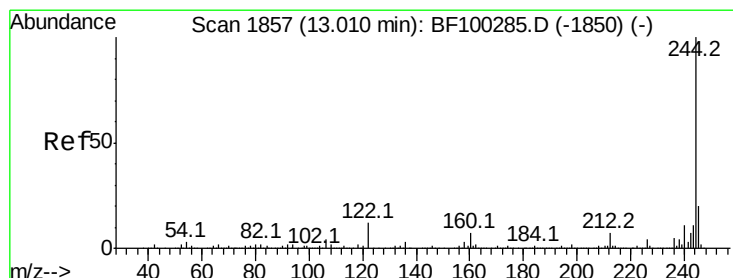
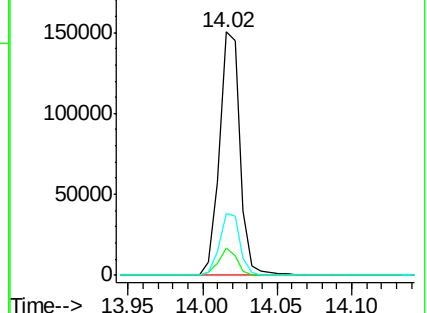
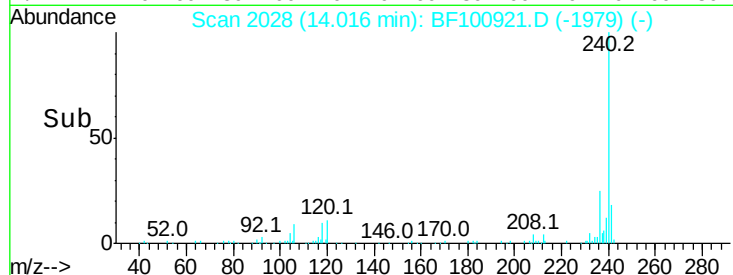
236 25.4 20.7 31.1



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: 110.534 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100921.D

Acq: 28 Nov 2017 5:02

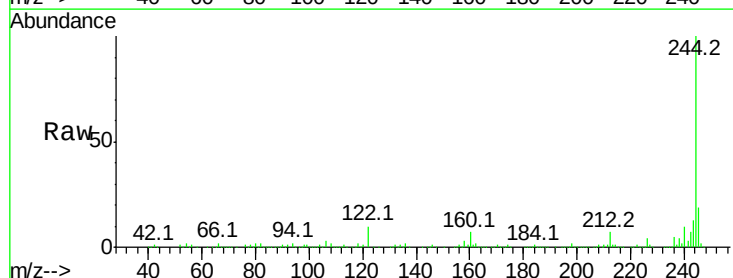
Tgt Ion:244 Resp: 703854

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

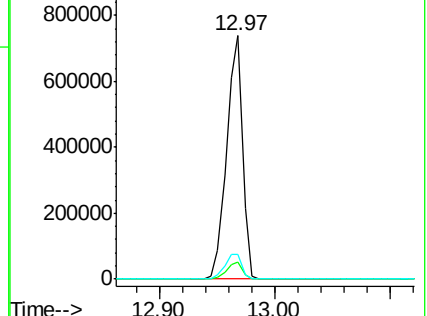
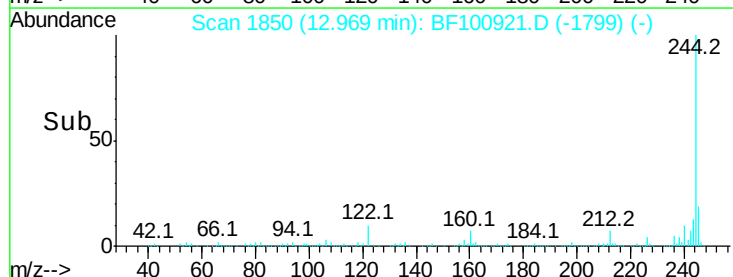
122 10.2 11.0 16.4#

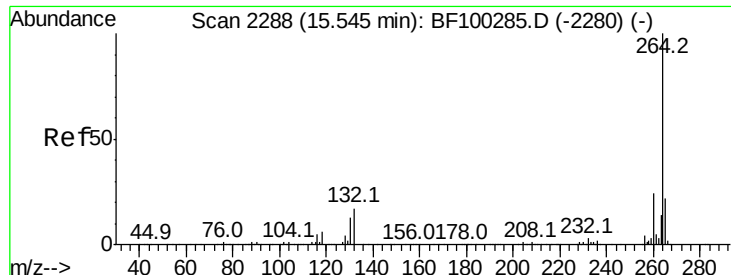


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

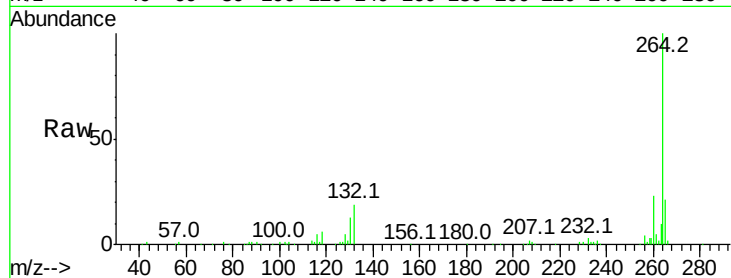




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100921.D
 Acq: 28 Nov 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	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

