

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100969.D
 Acq On : 29 Nov 2017 7:59
 Operator : SJ/JU
 Sample : I6604-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 09:46:23 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

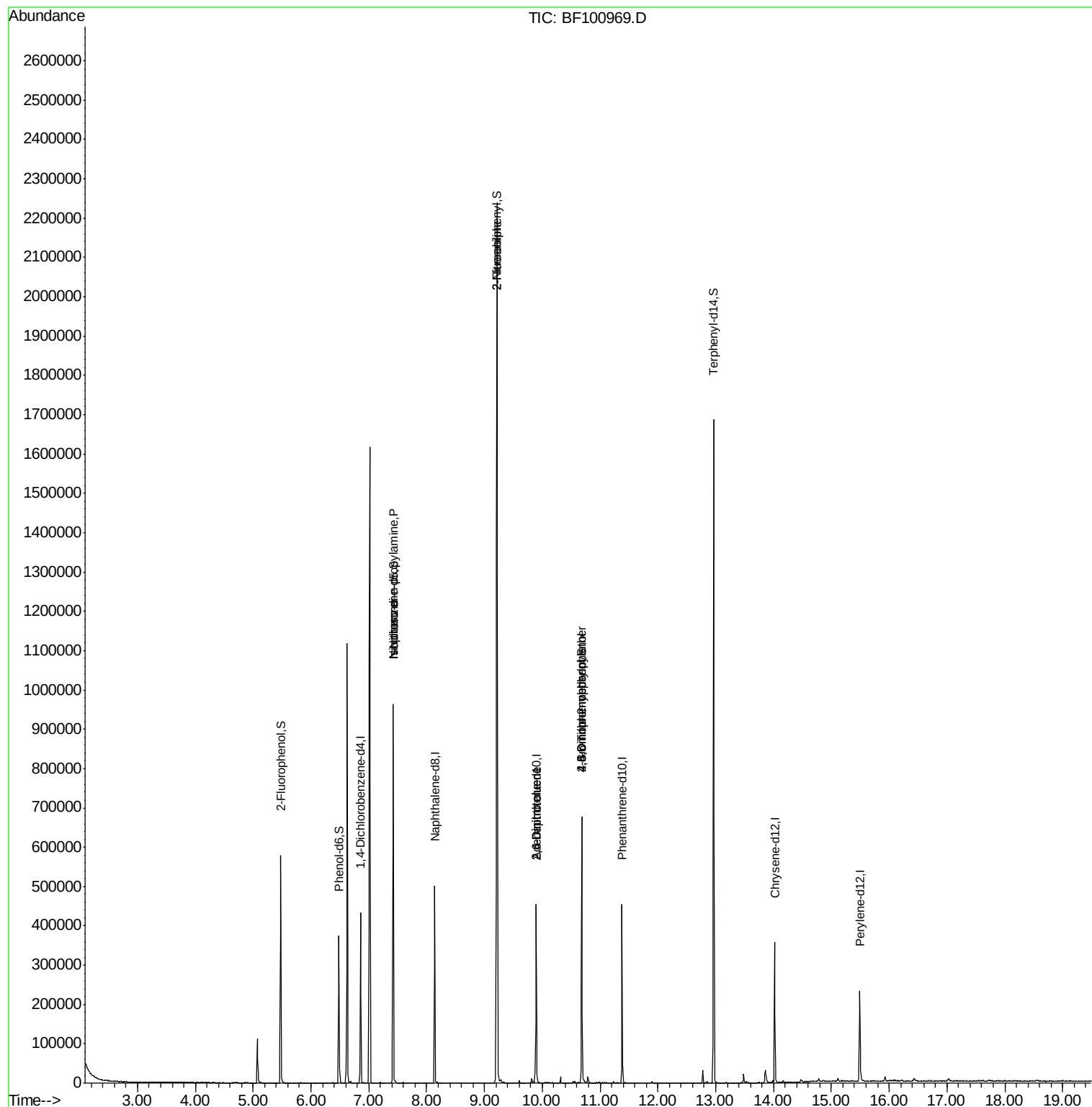
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57471	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	216800	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94630	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	159785	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122988	20.00	ng	0.00
86) Perylene-d12	15.49	264	110797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	148785	41.50	ng	0.00
7) Phenol-d6	6.48	99	106247	24.03	ng	-0.01
23) Nitrobenzene-d5	7.42	82	365658	111.51	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	94192	97.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	749846	120.66	ng	0.00
78) Terphenyl-d14	12.97	244	530233	99.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	48138	15.700	ng	# 80
25) Isophorone	7.42	82	365651	53.062	ng	# 64
47) 2-Nitroaniline	9.22	65	1032	3.338	ng	# 11
50) 2,6-Dinitrotoluene	9.89	165	11439	7.998	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11439	6.340	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	106	8.678	ng	# 24
66) 4-Bromophenyl-phenylether	10.69	248	5990	3.497	ng	# 1

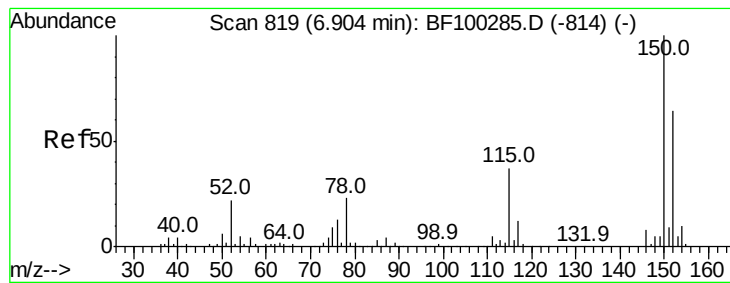
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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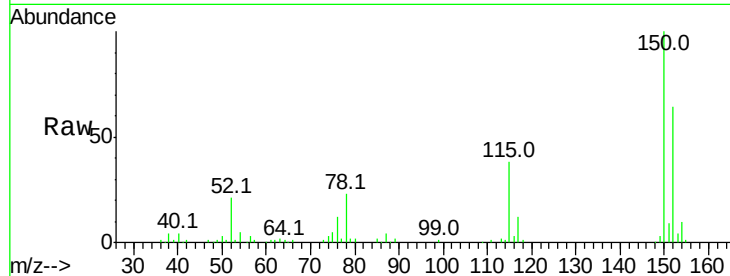


#1

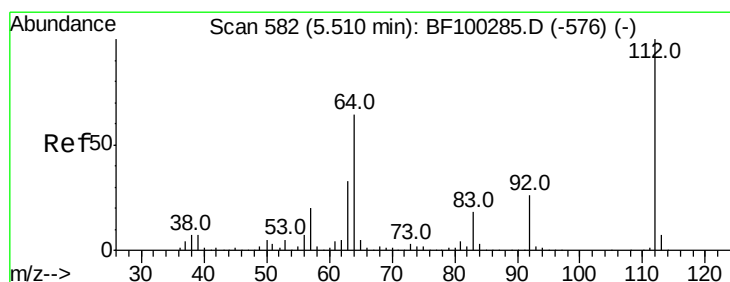
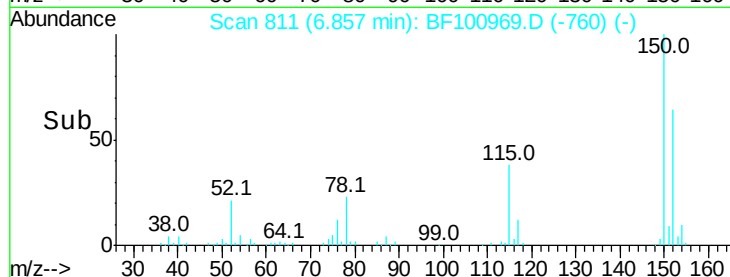
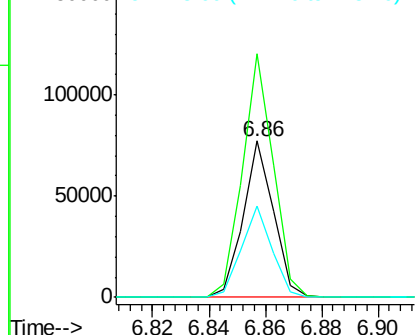
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 57471
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.8 50.1 75.1



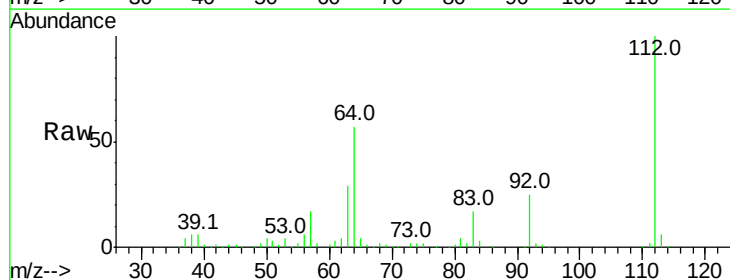
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



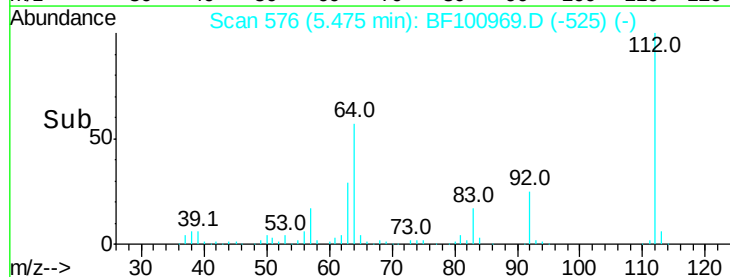
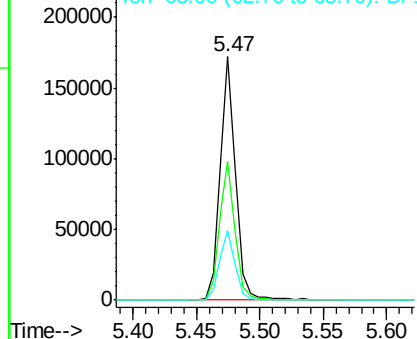
#5

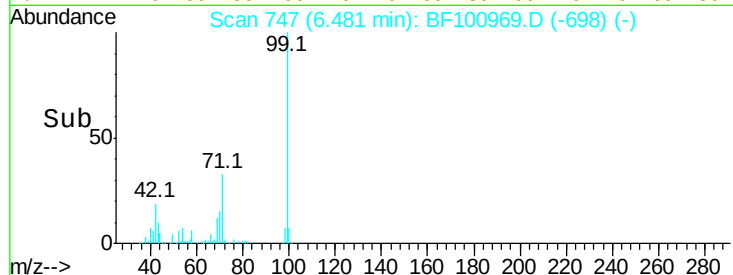
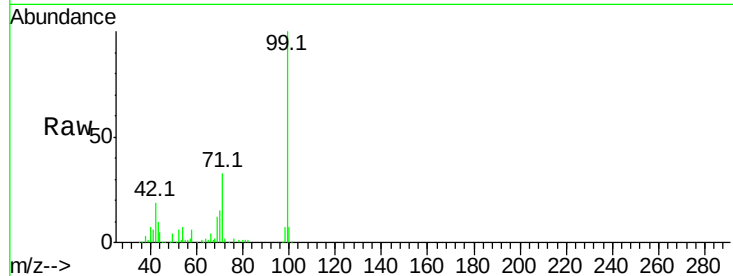
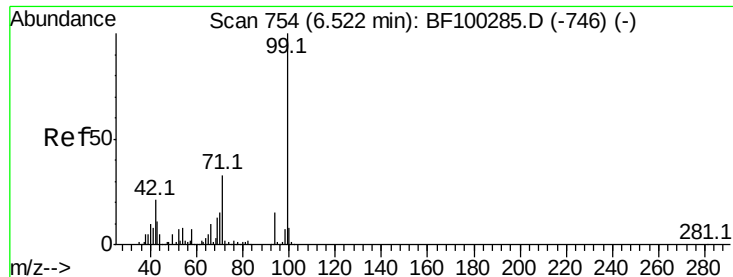
2-Fluorophenol
 Concen: 41.499 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Tgt Ion:112 Resp: 148785
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.8 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: 24.032 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

BNA_F

ClientSampleId :

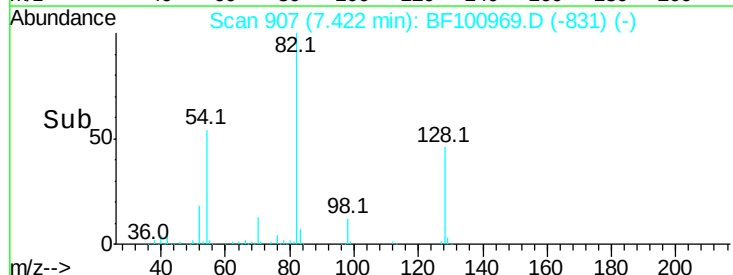
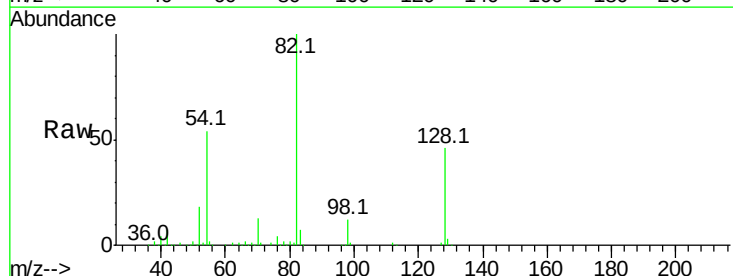
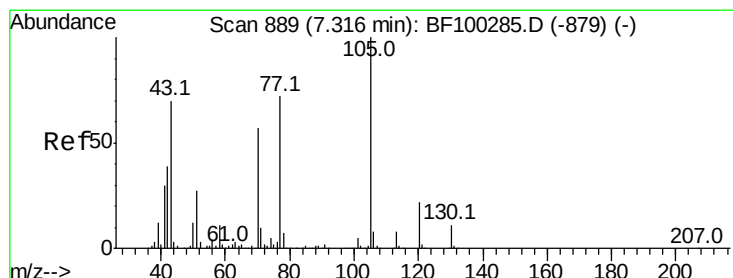
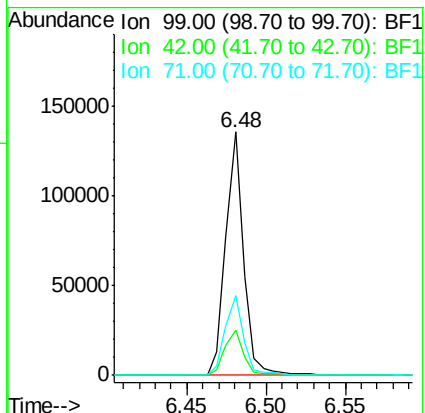
Tot Ion: 99 Resp: 106247

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.700 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Tgt Ion: 70 Resp: 48138

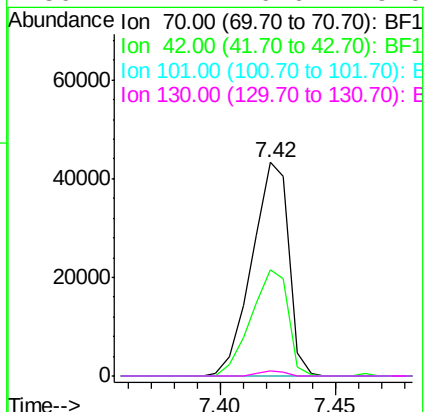
Ion Ratio Lower Upper

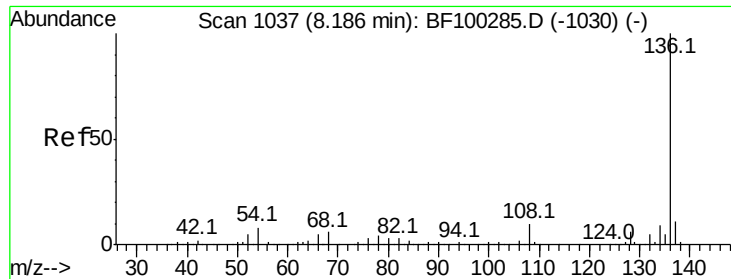
70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

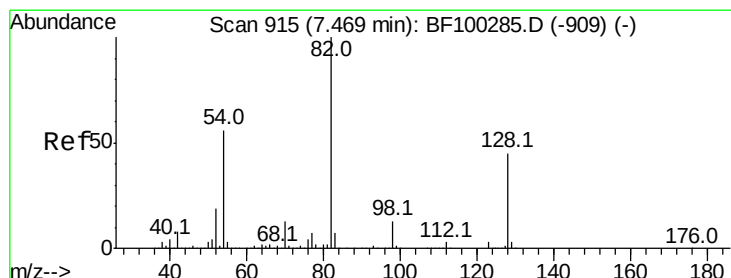
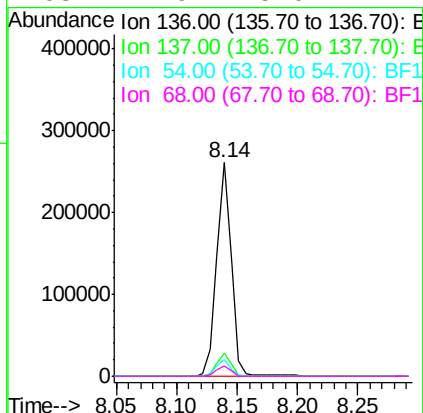
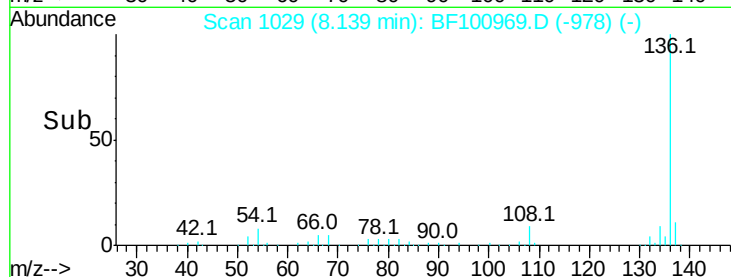
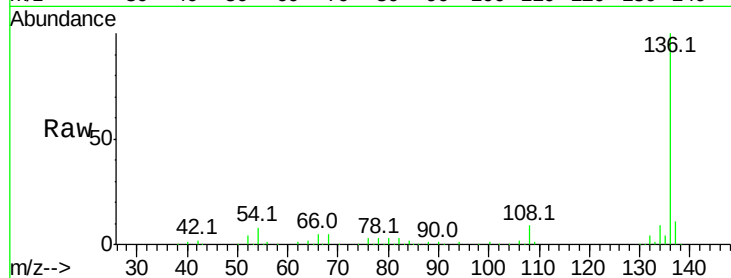




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

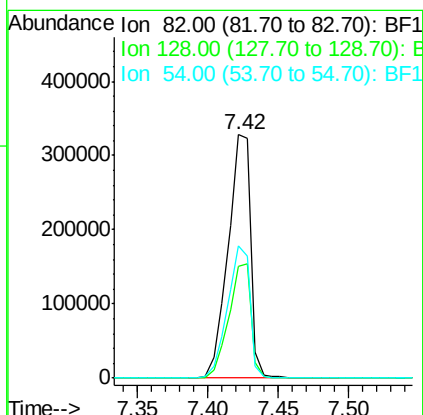
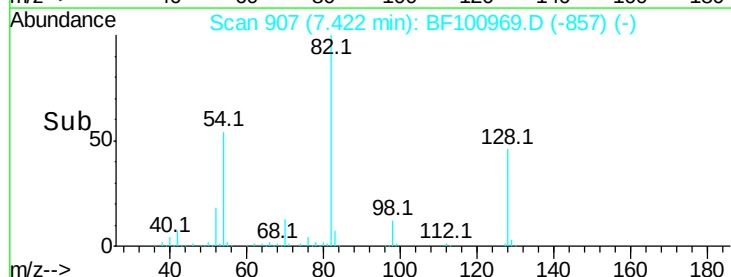
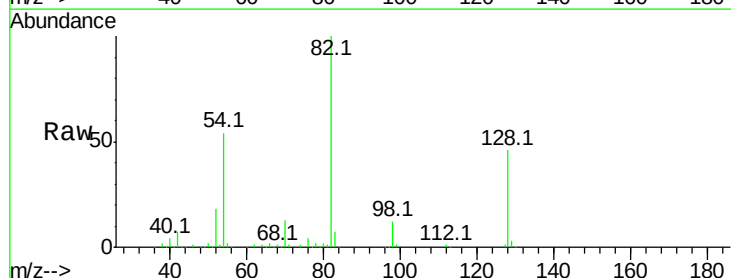
Instrument :
BNA_F
ClientSampleId :

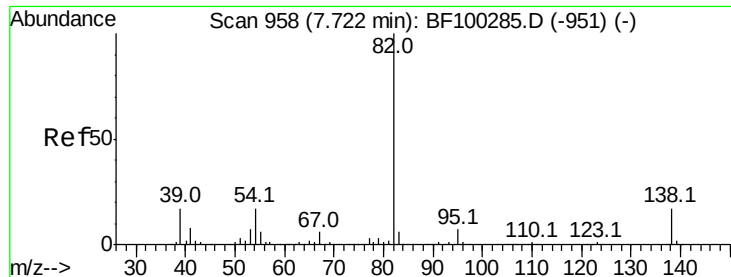
Tot Ion:	136	Resp:	216800
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 111.508 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Tgt Ion:	82	Resp:	365658
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.4	41.4	62.2





#25

Isophorone

Concen: 53.062 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

BNA_F

ClientSampleId :

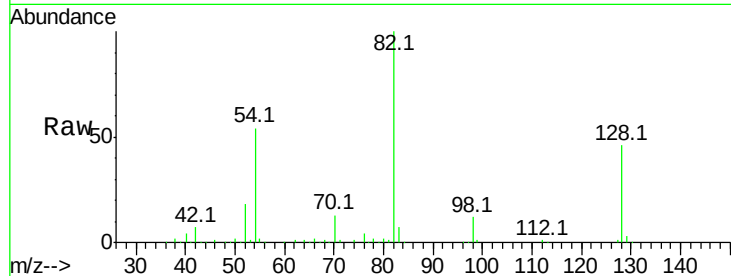
Tot Ion: 82 Resp: 365651

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

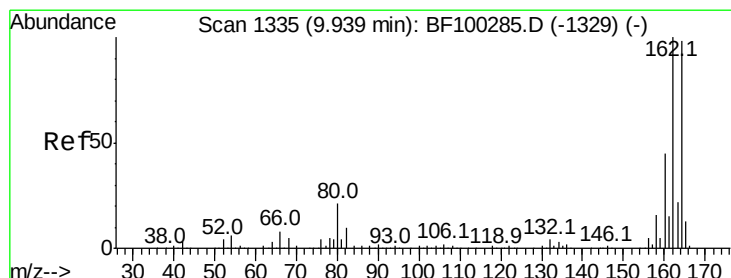
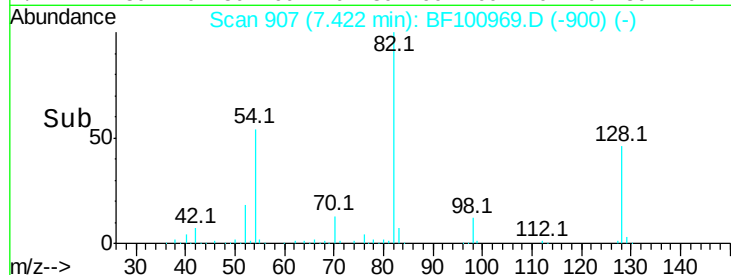
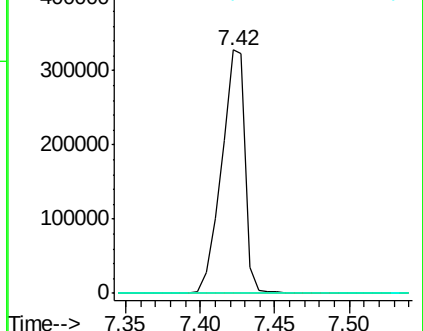
138 0.0 14.9 22.3#



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: BF100969.D

Acq: 29 Nov 2017 7:59

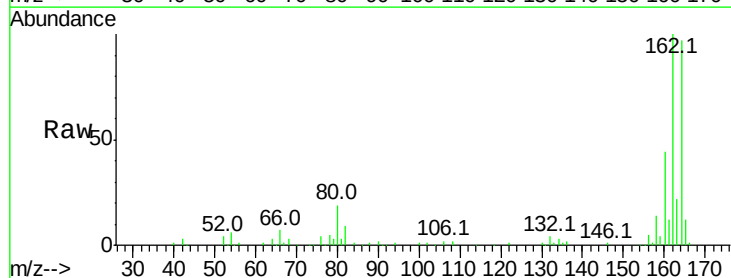
Tgt Ion: 164 Resp: 94630

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

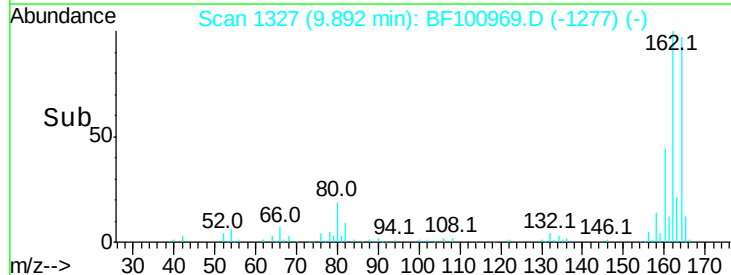
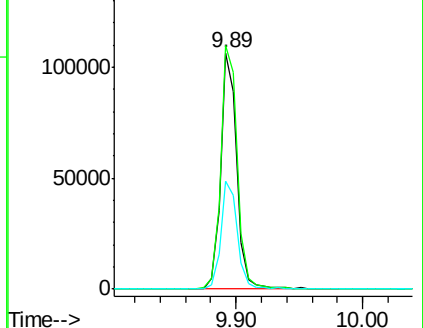
160 45.5 38.3 57.5

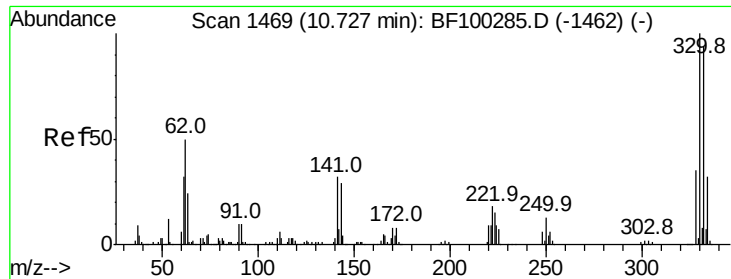


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

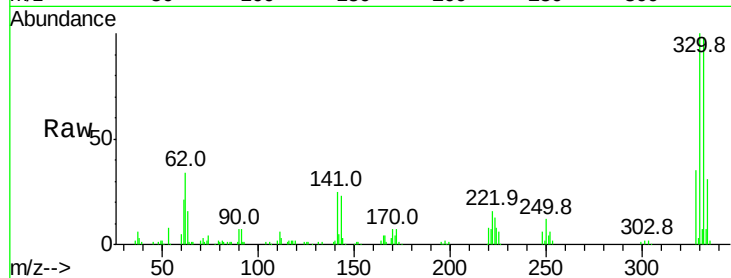




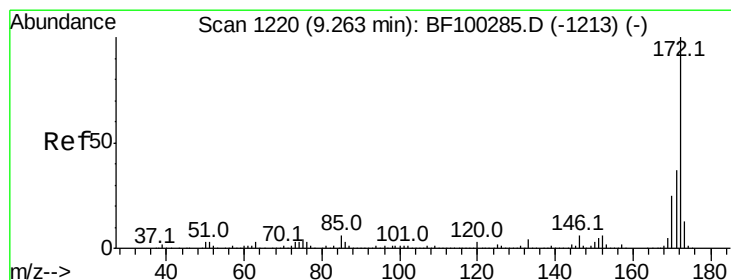
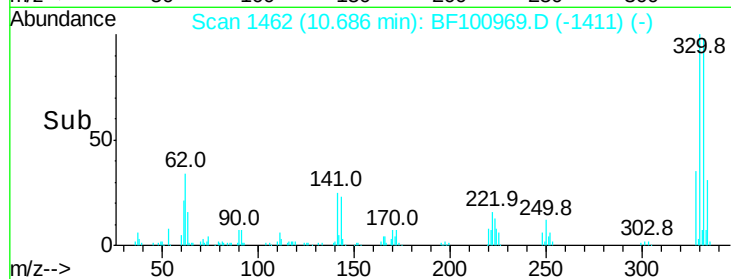
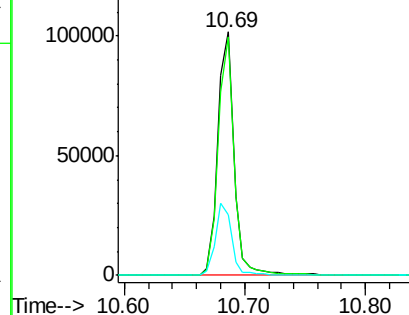
#41
 2,4,6-Tribromophenol
 Concen: 97.681 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.7	29.9	44.9#

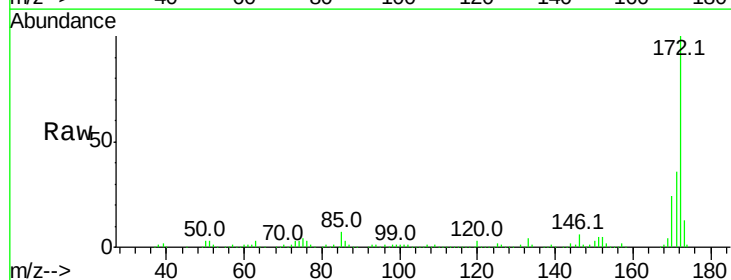


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

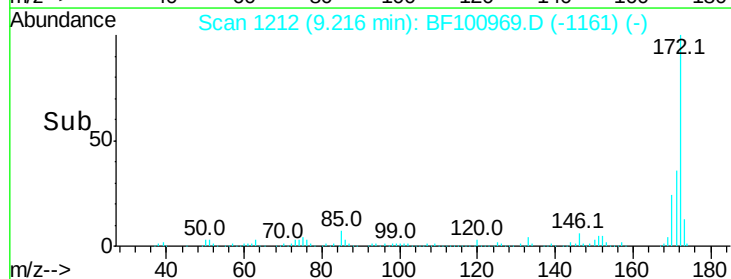
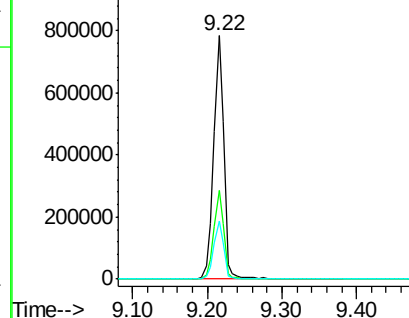


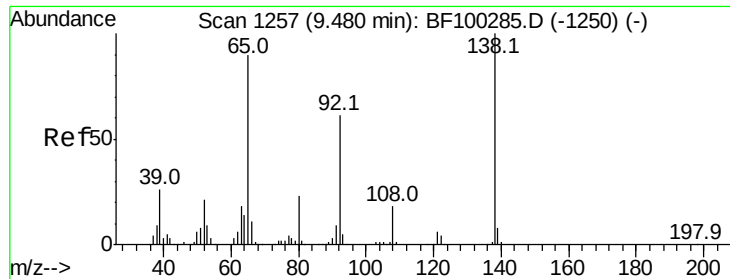
#44
 2-Fluorobiphenyl
 Concen: 120.659 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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

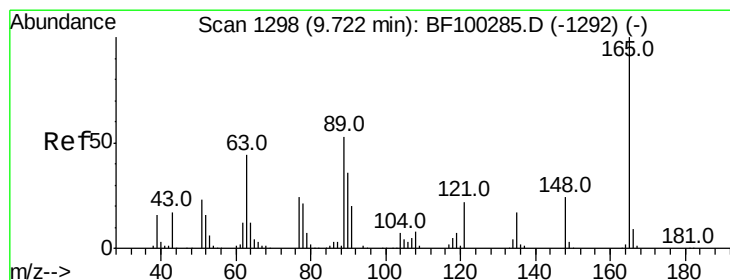
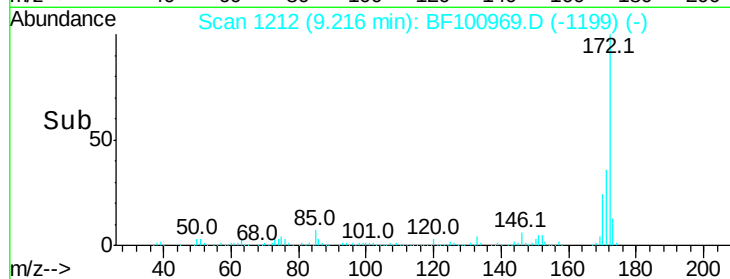
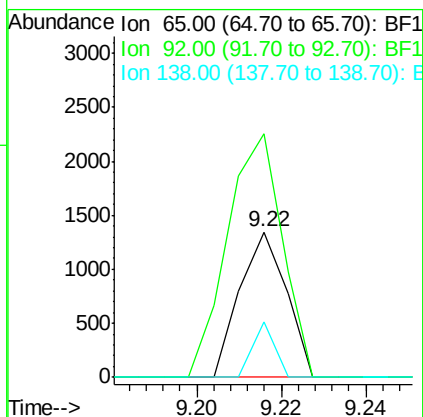
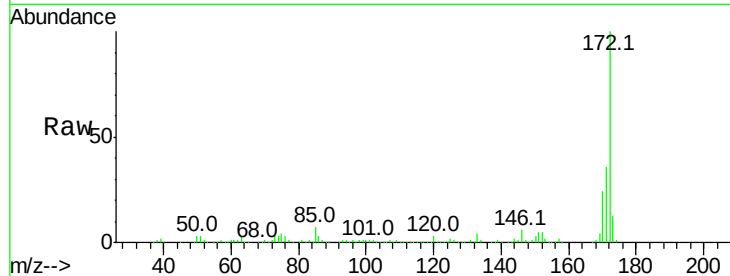




#47
2-Nitroaniline
Concen: 3.338 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

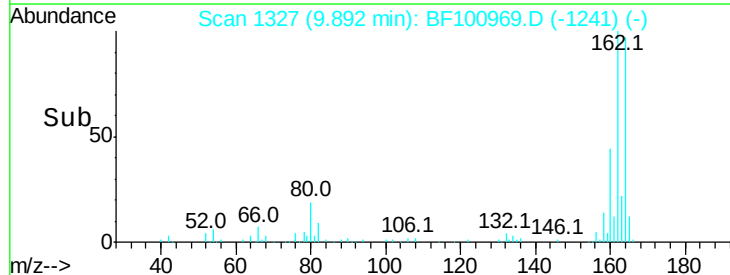
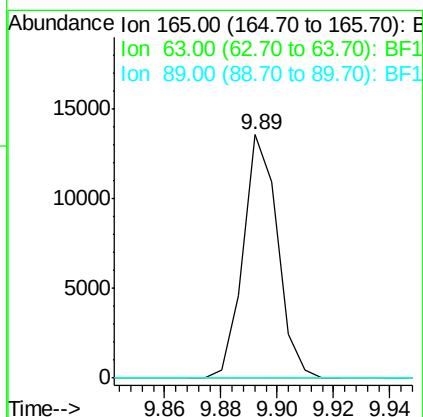
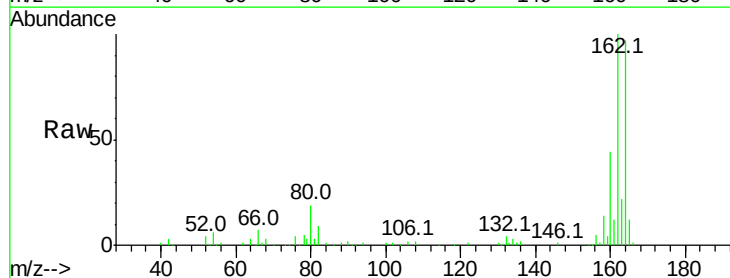
Instrument :
BNA_F
ClientSampleId :

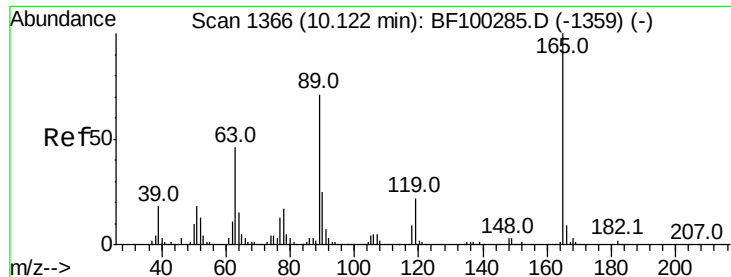
Tot Ion: 65 Resp: 1032
Ion Ratio Lower Upper
65 100
92 167.6 55.8 83.6#
138 38.4 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Tgt Ion:165 Resp: 11439
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

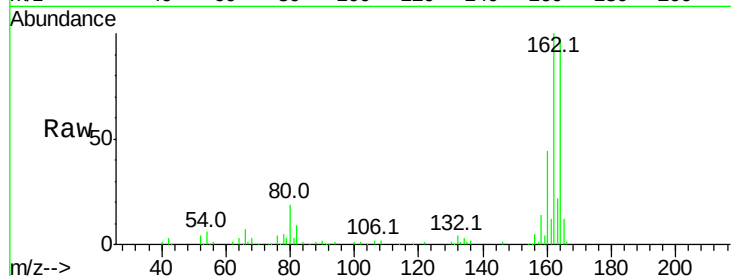




#56
 2,4-Dinitrotoluene
 Concen: 6.340 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100969.D
 Acq: 29 Nov 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	11439
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#

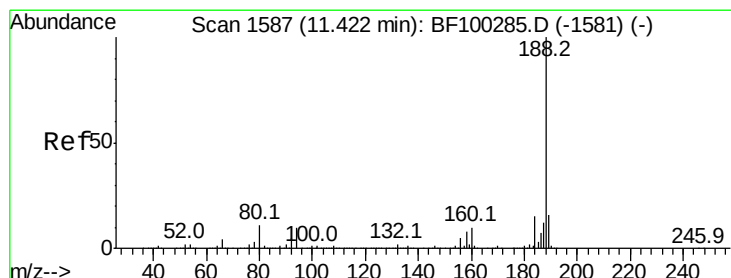
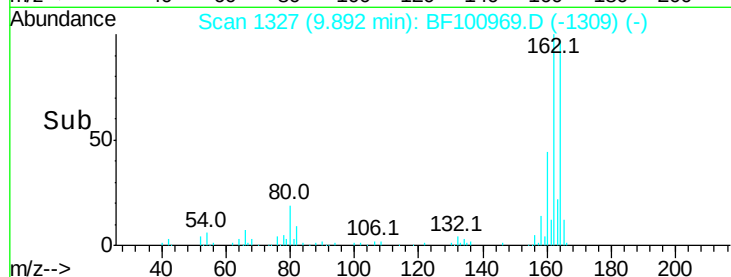
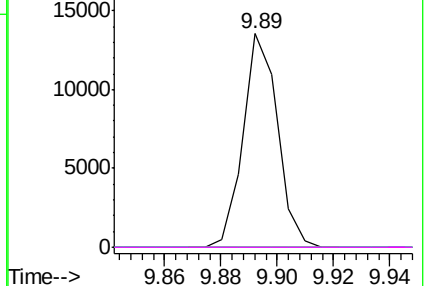


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

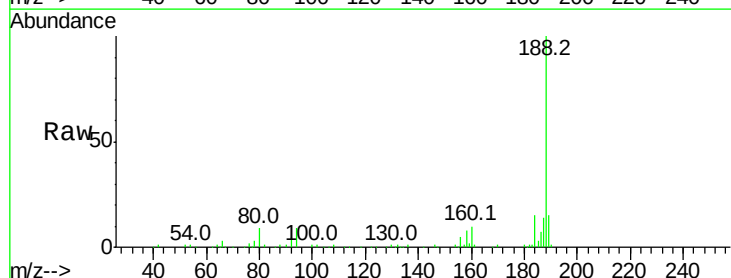
Ion 89.00 (88.70 to 89.70): BF1

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: BF100969.D
 Acq: 29 Nov 2017 7:59

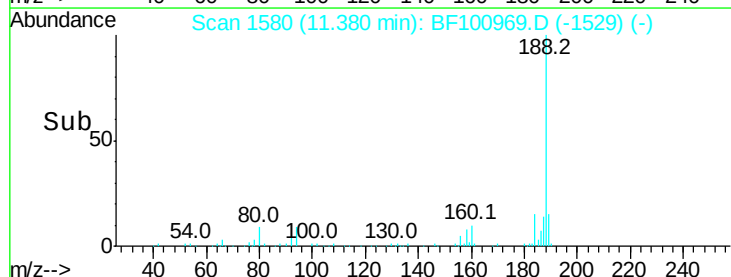
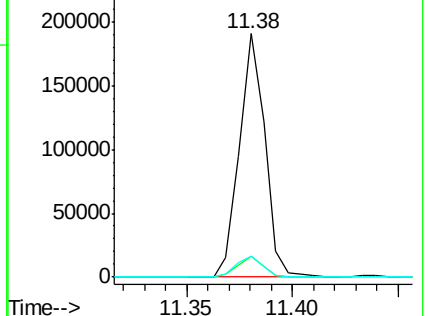
Tgt Ion:	188	Resp:	159785
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.7	9.2	13.8#

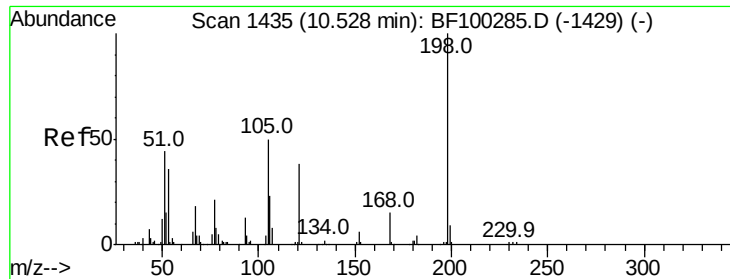


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

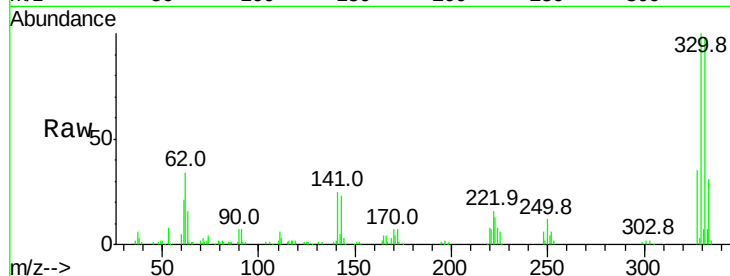




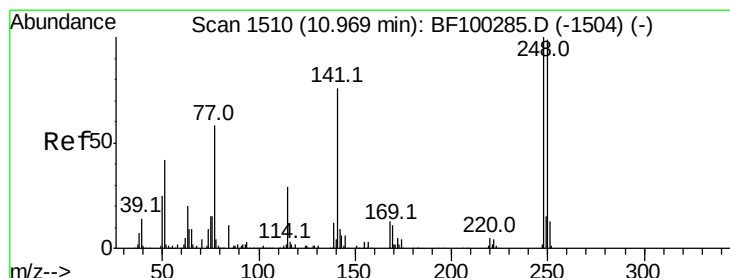
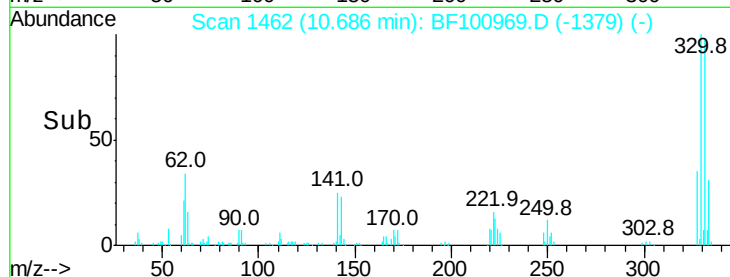
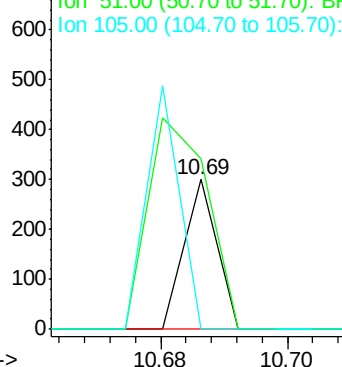
#64
4,6-Dinitro-2-methylphenol
Concen: 8.678 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 113.7 37.7 77.7#
105 0.0 36.3 76.3#

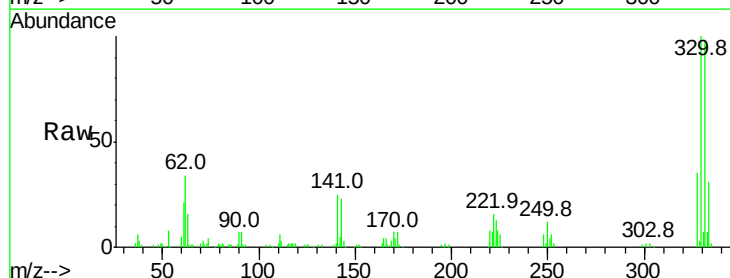


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

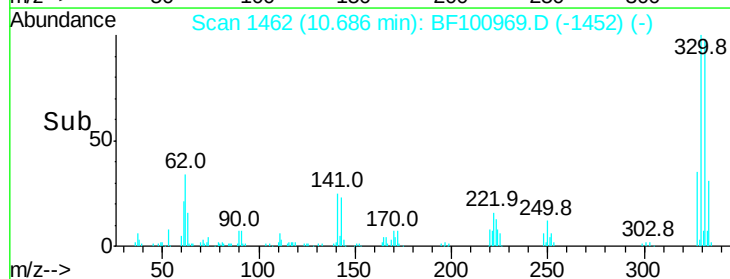
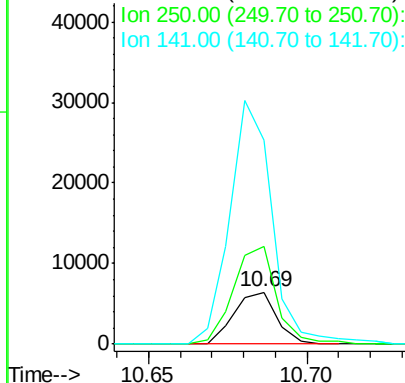


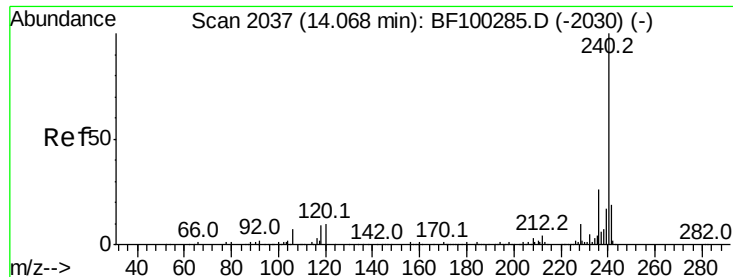
#66
4-Bromophenyl-phenylether
Concen: 3.497 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Tgt Ion:248 Resp: 5990
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 394.6 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: BF100969.D

Acq: 29 Nov 2017 7:59

Instrument :

BNA_F

ClientSampleId :

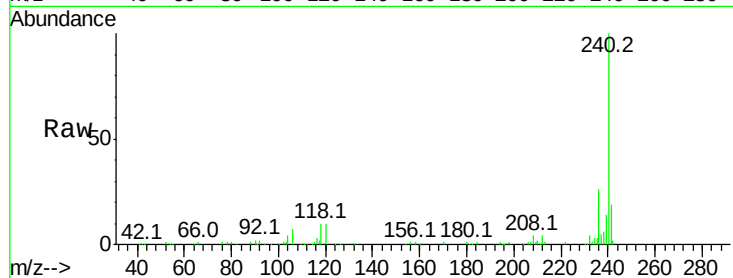
Tot Ion:240 Resp: 122988

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

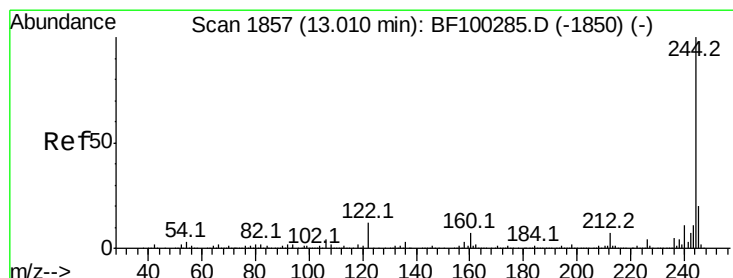
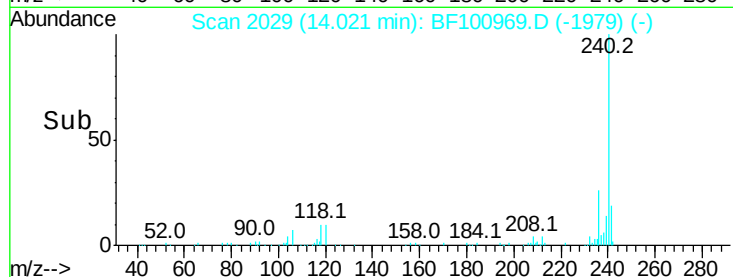
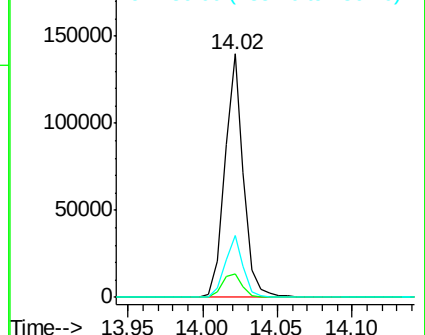
236 25.6 20.7 31.1



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: 99.060 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100969.D

Acq: 29 Nov 2017 7:59

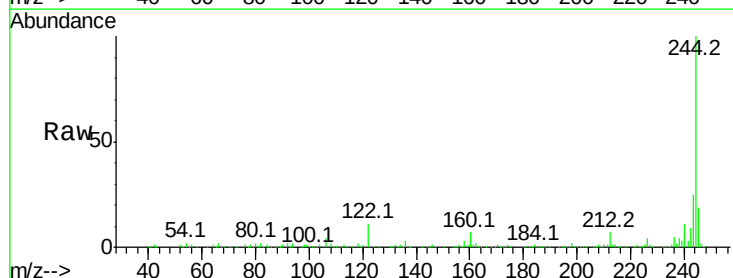
Tgt Ion:244 Resp: 530233

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

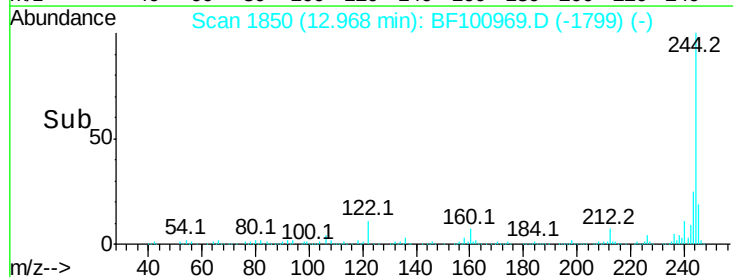
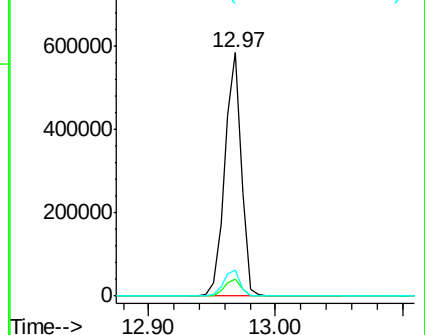
122 10.8 11.0 16.4#

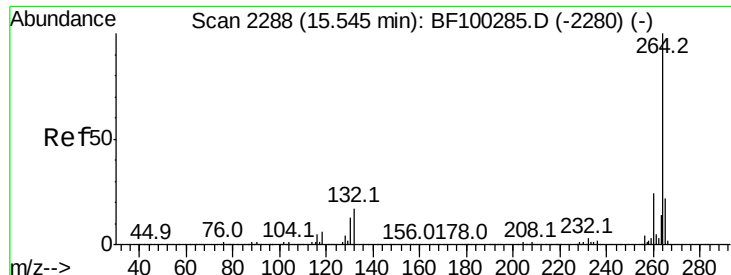


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2279
Delta R.T. -0.00 min
Lab File: BF100969.D
Acq: 29 Nov 2017 7:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.0	17.5	26.3

