

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF101005.D
 Acq On : 30 Nov 2017 4:49
 Operator : SJ/JU
 Sample : I6613-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 05:18:03 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

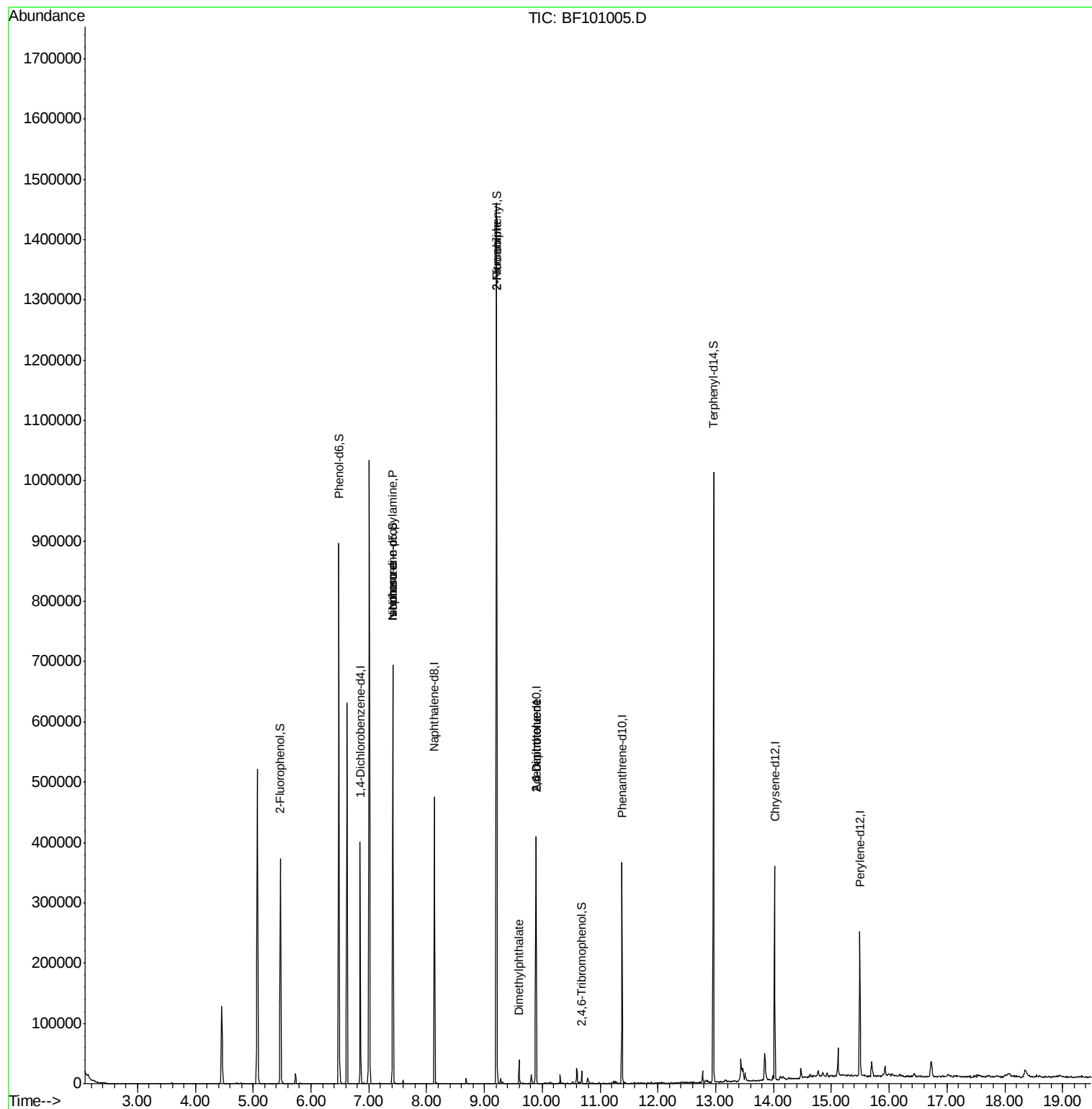
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55919	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	204428	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	82368	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	134272	20.00	ng	0.00
75) Chrysene-d12	14.02	240	119430	20.00	ng	0.00
86) Perylene-d12	15.49	264	106373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	104514	29.96	ng	0.00
7) Phenol-d6	6.48	99	292839	68.08	ng	-0.01
23) Nitrobenzene-d5	7.42	82	209504	67.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	3387	4.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	425123	78.59	ng	0.00
78) Terphenyl-d14	12.96	244	329217	63.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	27141	9.098	ng	# 79
25) Isophorone	7.42	82	209501	32.242	ng	# 64
47) 2-Nitroaniline	9.21	65	615	3.163	ng	# 6
49) Dimethylphthalate	9.60	163	17122	2.723	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	10535	8.463	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	10535	6.708	ng	# 21

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

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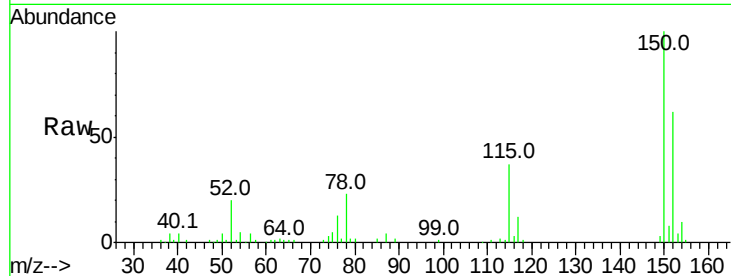


#1

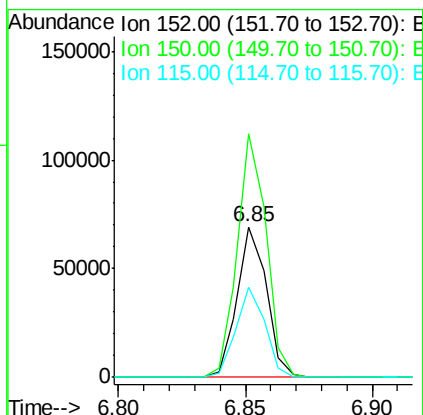
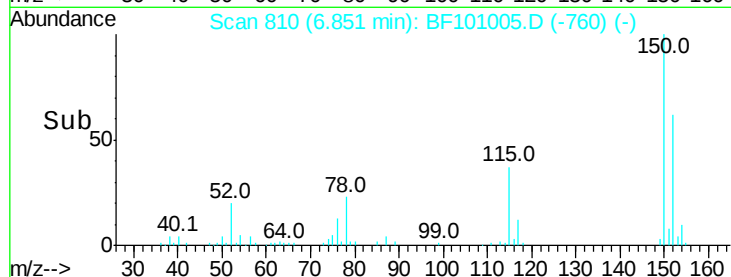
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	59.8	50.1	75.1



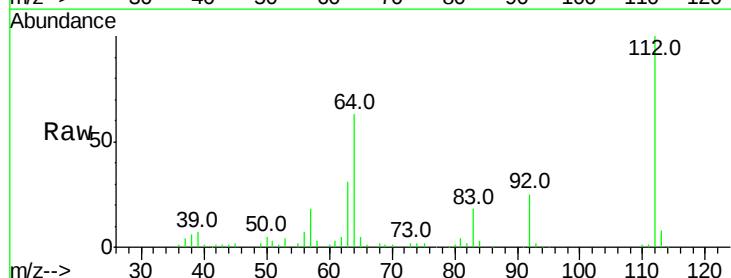
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



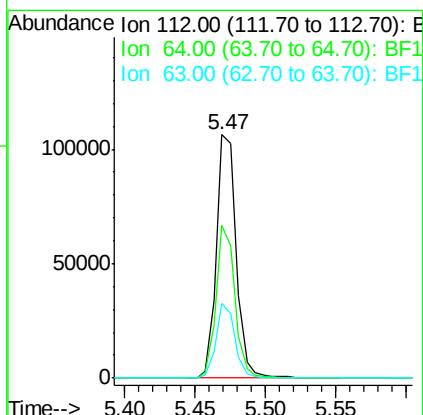
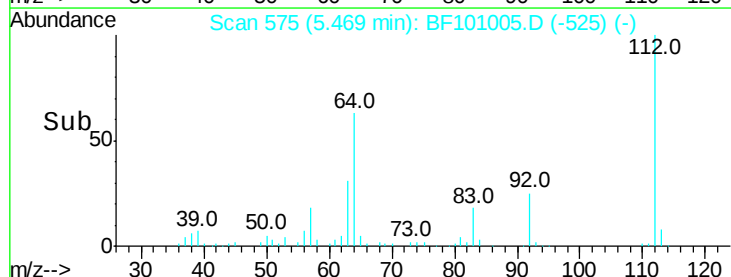
#5

2-Fluorophenol
Concen: 29.960 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	30.5	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: 68.075 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

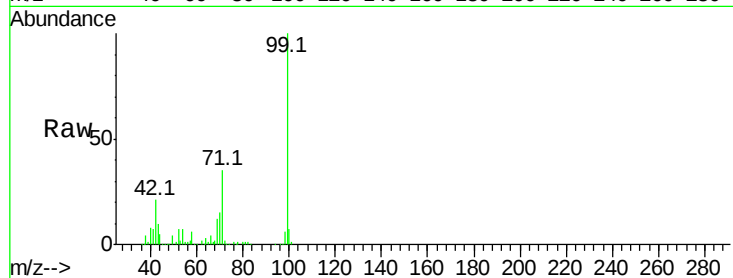
Tot Ion: 99 Resp: 292839

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

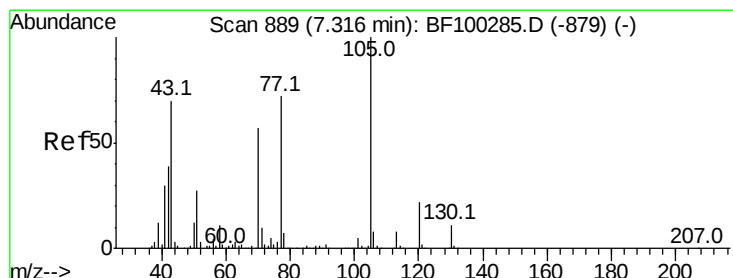
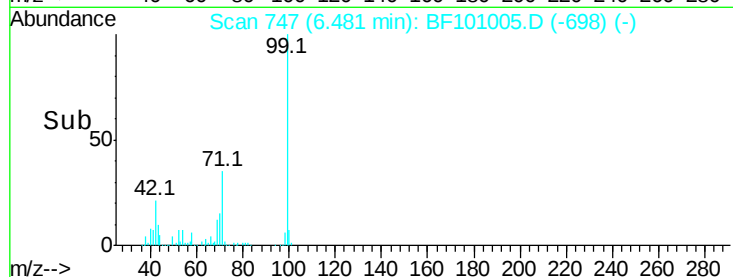
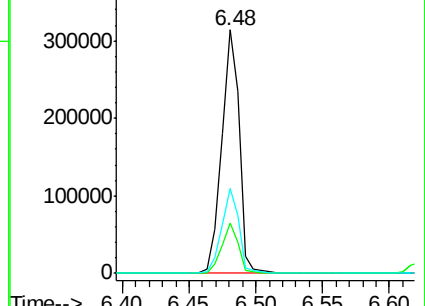
71 34.8 25.4 38.0



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: 9.098 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Tgt Ion: 70 Resp: 27141

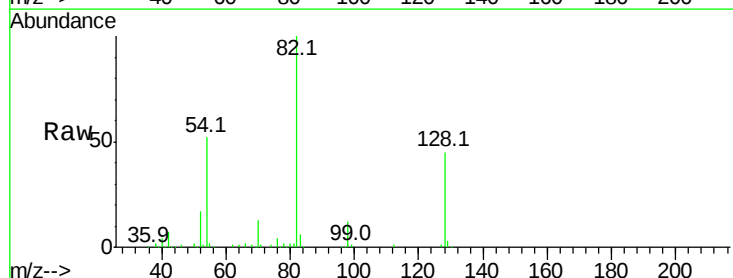
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

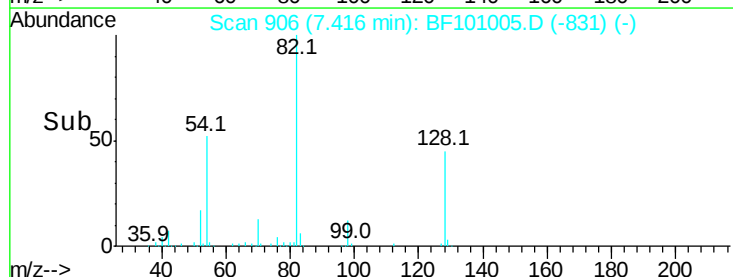
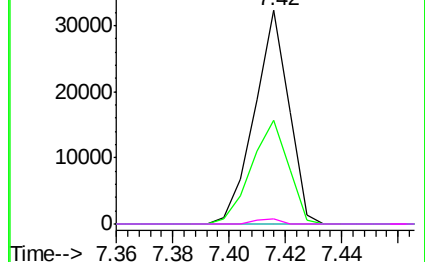


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

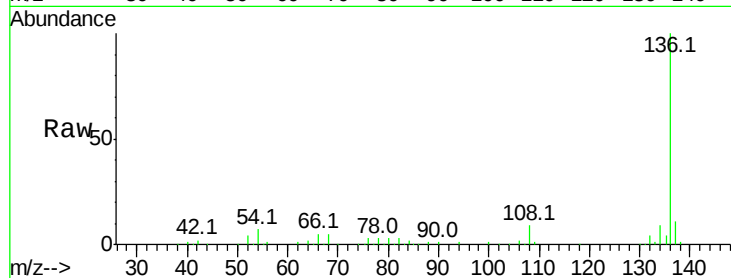




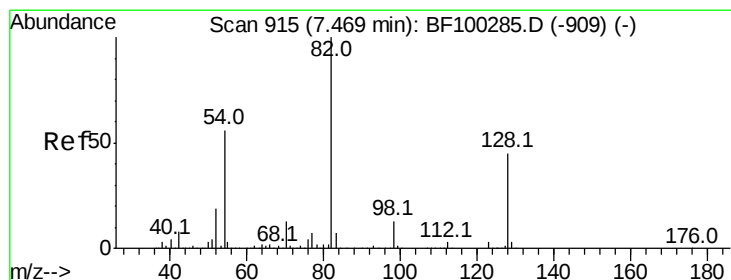
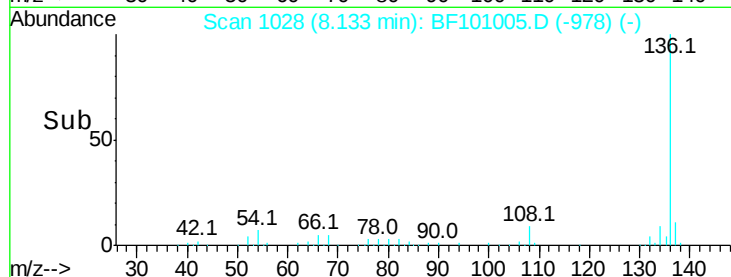
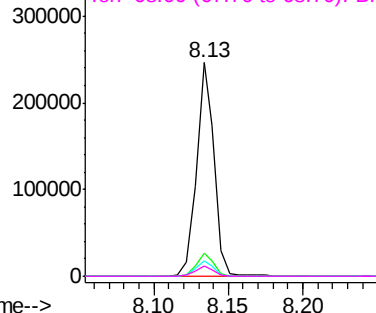
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	204428
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#

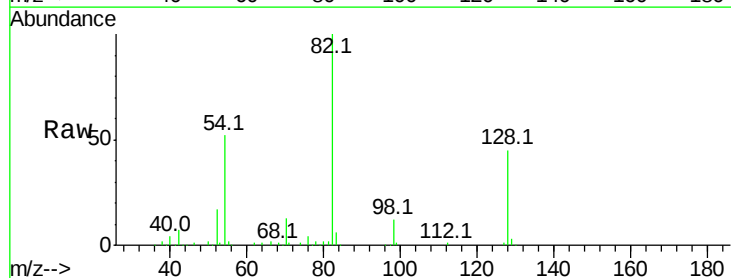


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

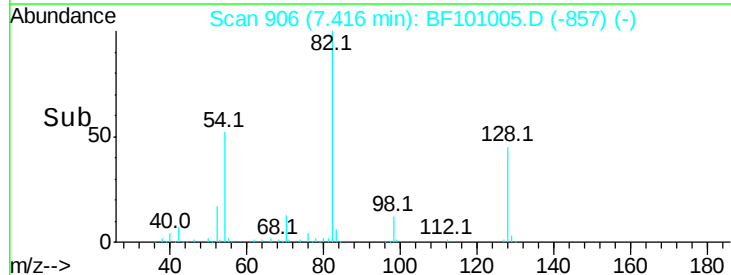
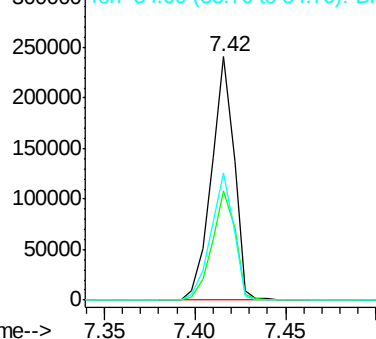


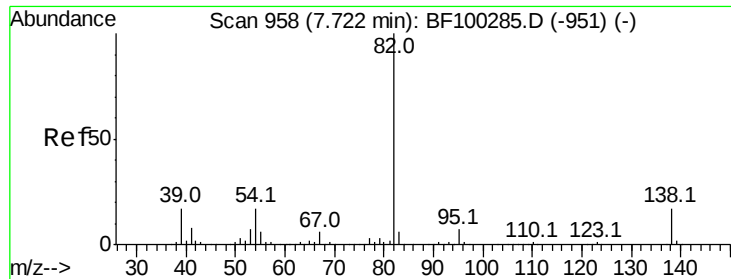
#23
Nitrobenzene-d5
Concen: 67.755 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Tgt Ion:	82	Resp:	209504
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	52.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.242 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

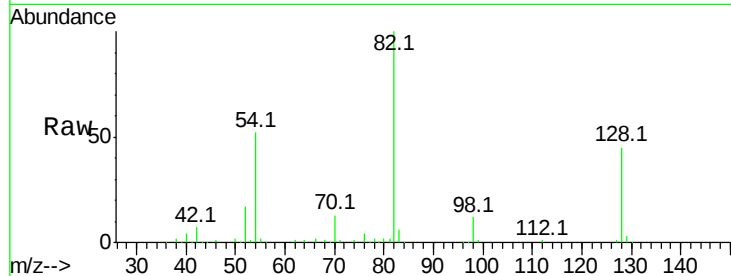
Tot Ion: 82 Resp: 209501

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

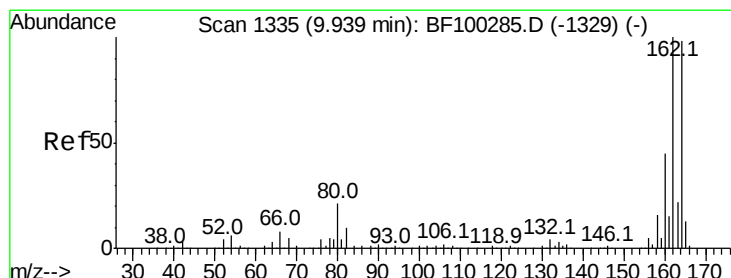
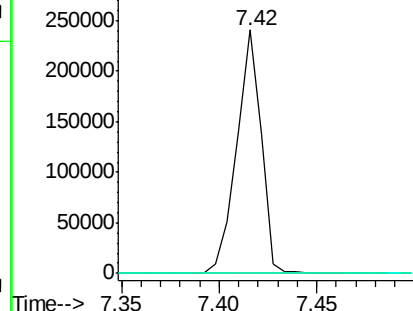
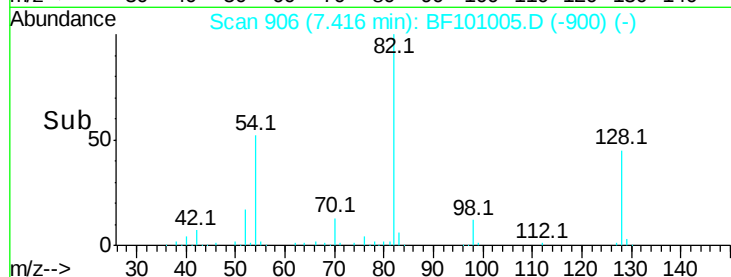
138 0.0 14.9 22.3#



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: BF101005.D

Acq: 30 Nov 2017 4:49

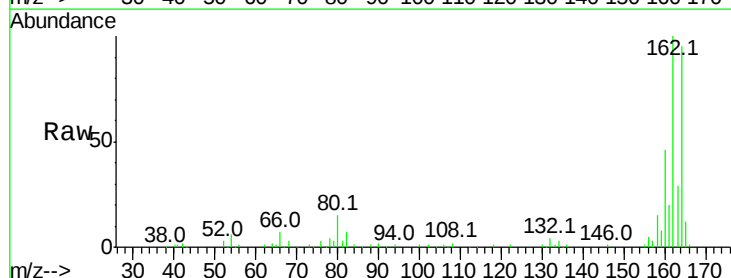
Tgt Ion:164 Resp: 82368

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

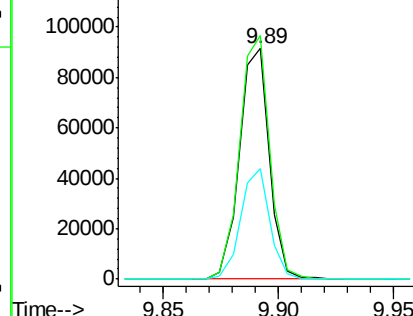
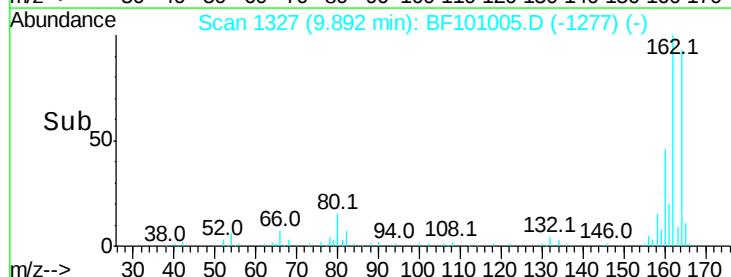
160 48.1 38.3 57.5



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

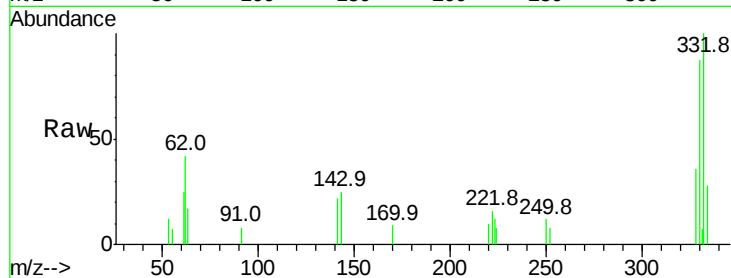




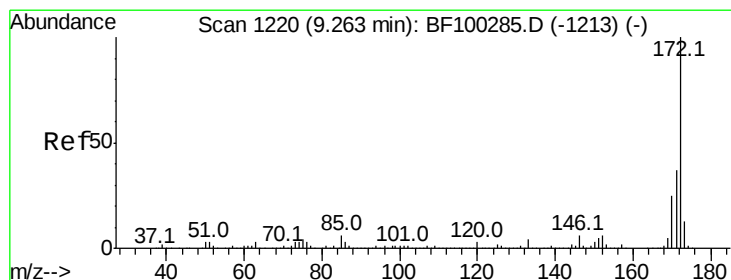
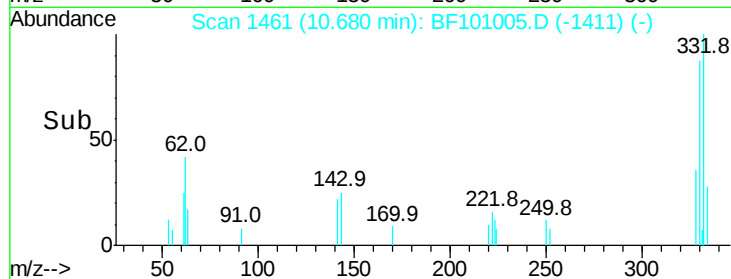
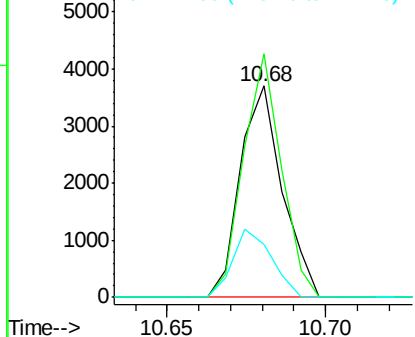
#41
 2,4,6-Tribromophenol
 Concen: 4.035 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 3387
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 29.8 29.9 44.9#

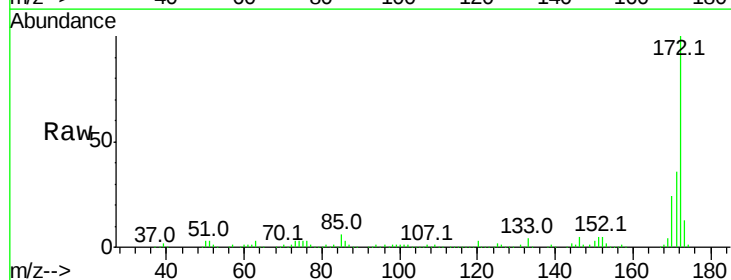


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

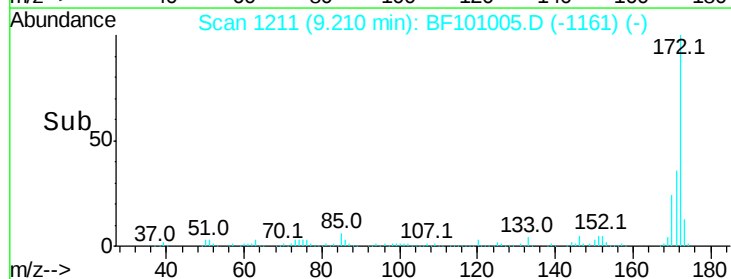
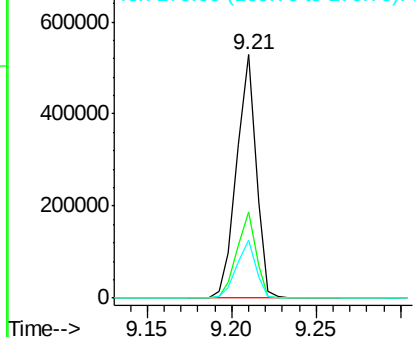


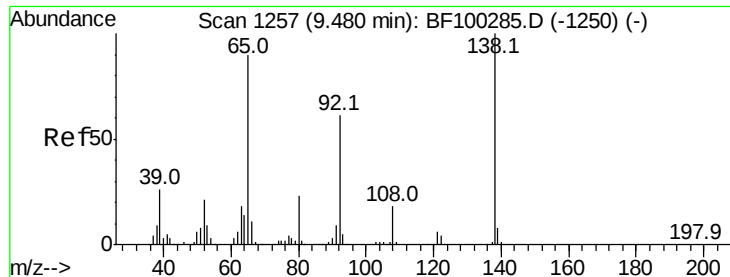
#44
 2-Fluorobiphenyl
 Concen: 78.591 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Tgt Ion:172 Resp: 425123
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.0 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

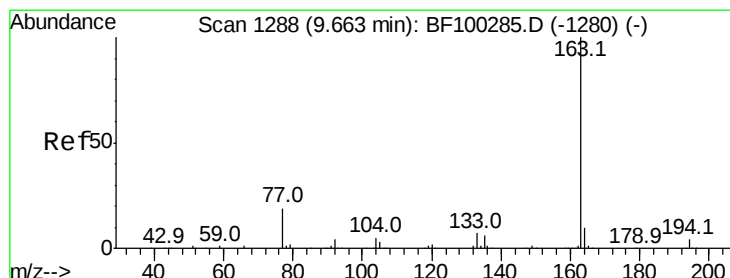
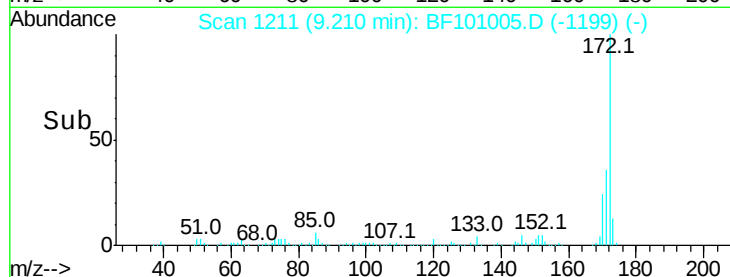
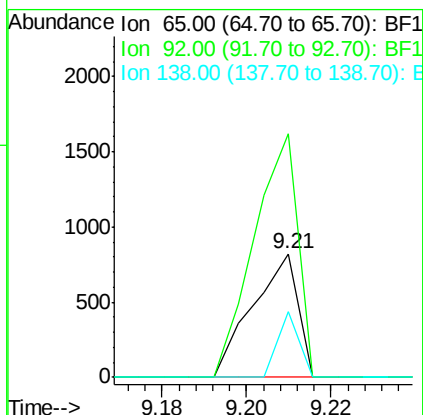
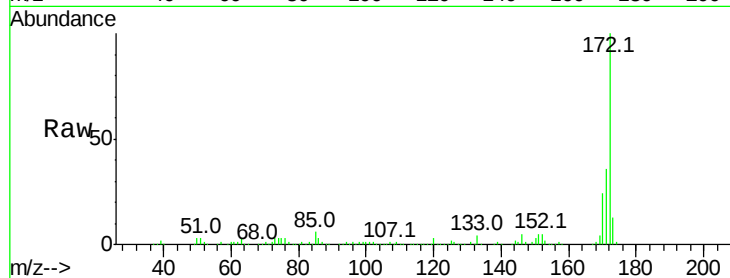




#47
2-Nitroaniline
Concen: 3.163 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.23 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

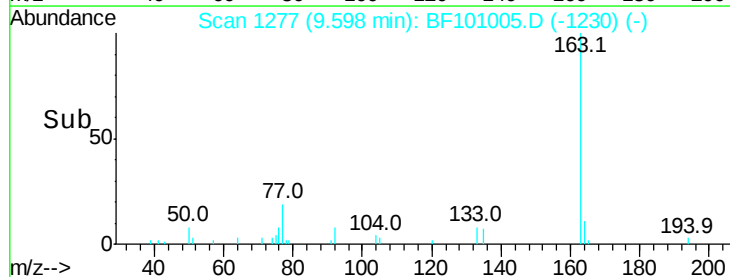
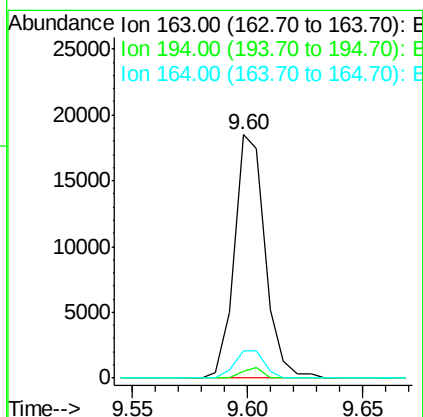
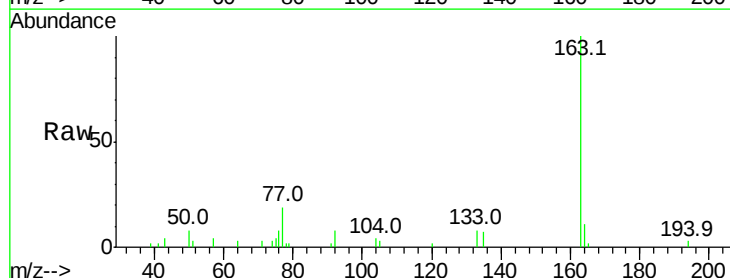
Instrument :
BNA_F
ClientSampleId :

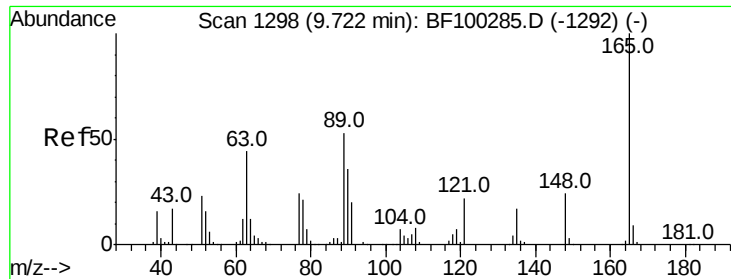
Tot Ion: 65 Resp: 615
Ion Ratio Lower Upper
65 100
92 197.1 55.8 83.6#
138 53.4 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.723 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Tgt Ion:163 Resp: 17122
Ion Ratio Lower Upper
163 100
194 2.6 2.7 4.1#
164 11.1 8.2 12.2

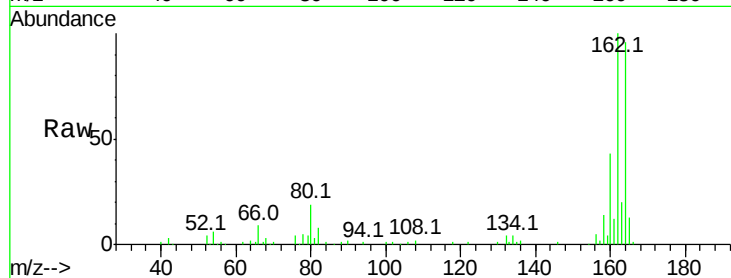




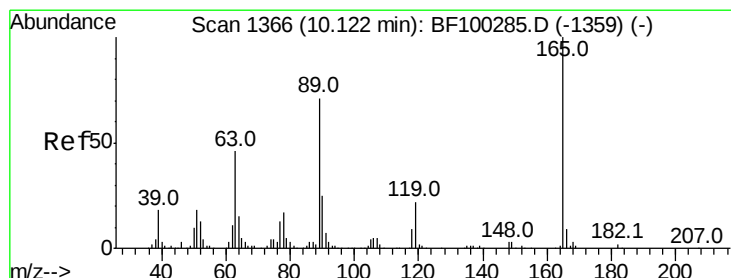
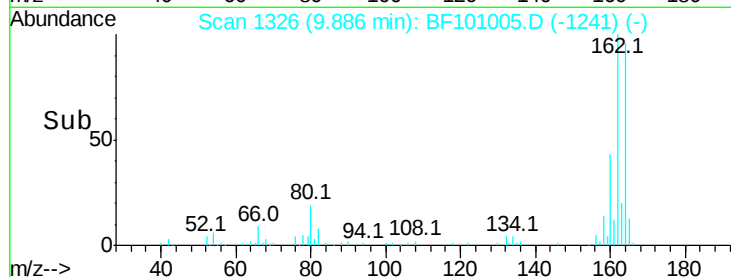
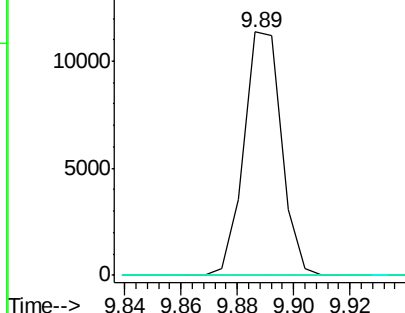
#50
 2,6-Dinitrotoluene
 Concen: 8.463 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.20 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

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



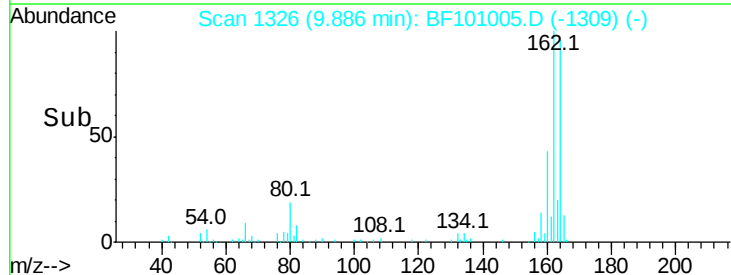
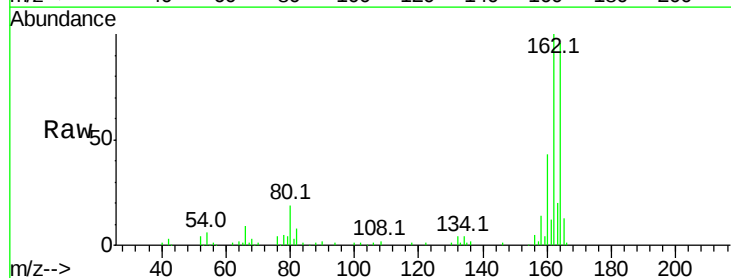
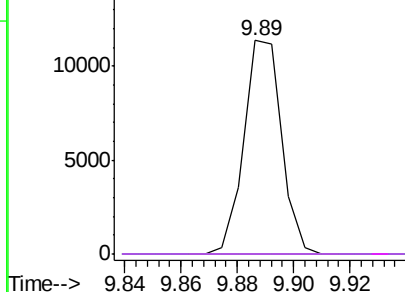
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

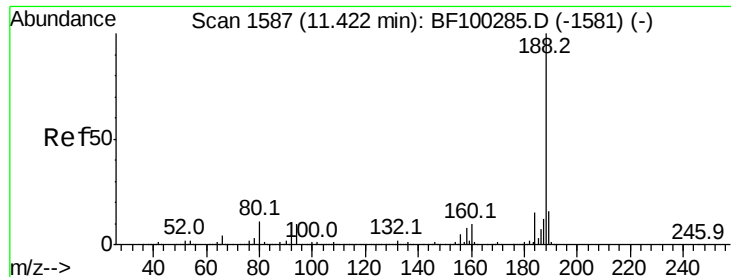


#56
 2,4-Dinitrotoluene
 Concen: 6.708 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Tgt 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: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

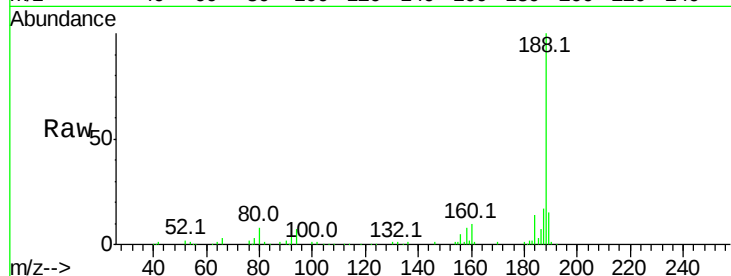
Tot Ion:188 Resp: 134272

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

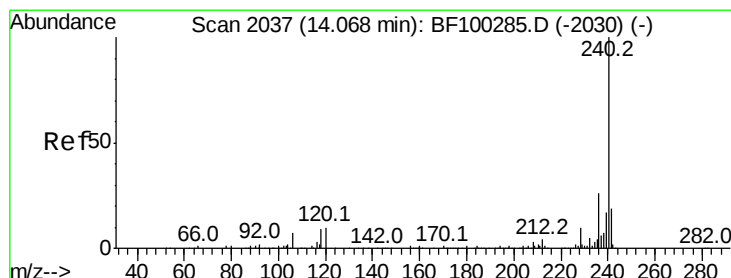
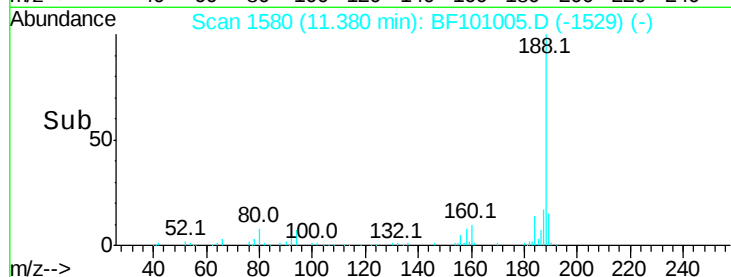
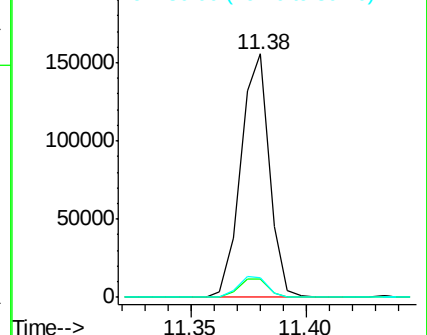
80 7.9 9.2 13.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

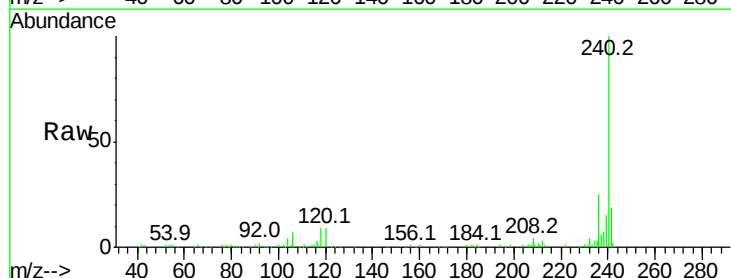
Tgt Ion:240 Resp: 119430

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

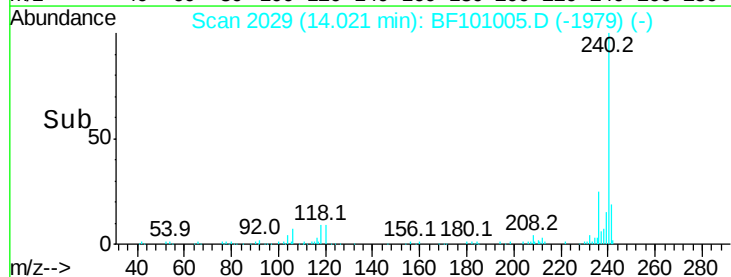
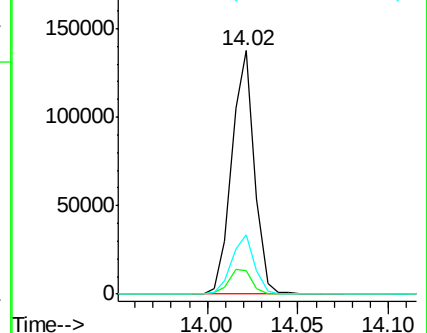
236 24.6 20.7 31.1

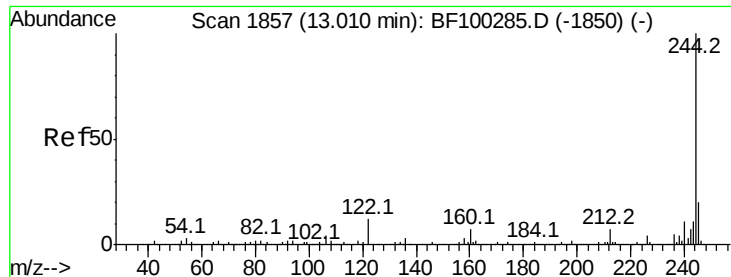


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

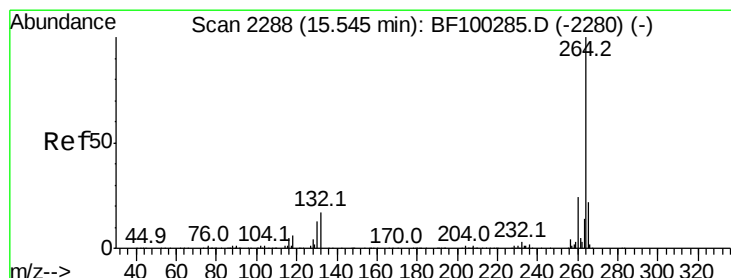
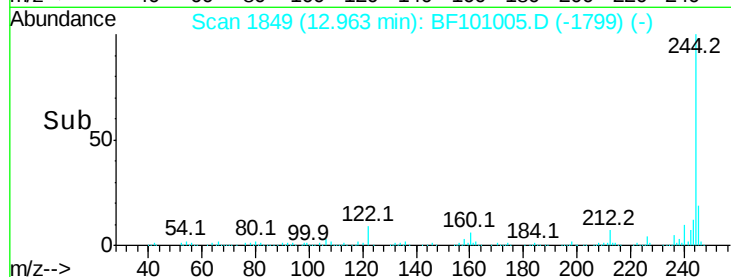
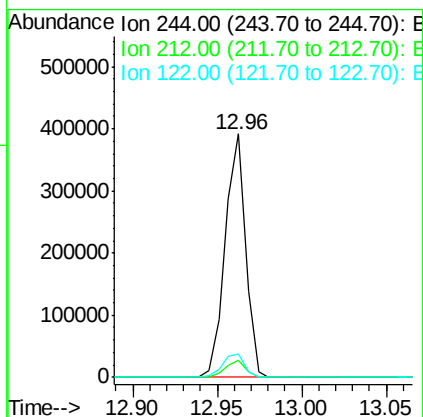
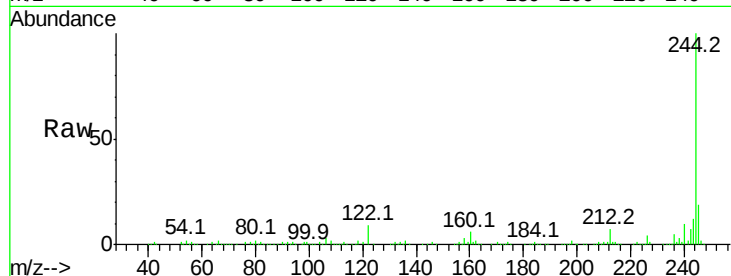




#78
 Terphenyl-d14
 Concen: 63.338 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 329217
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Tgt Ion:264 Resp: 106373
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.3 17.5 26.3

