

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100888.D
 Acq On : 27 Nov 2017 13:32
 Operator : SJ/JU
 Sample : I6538-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:55:56 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

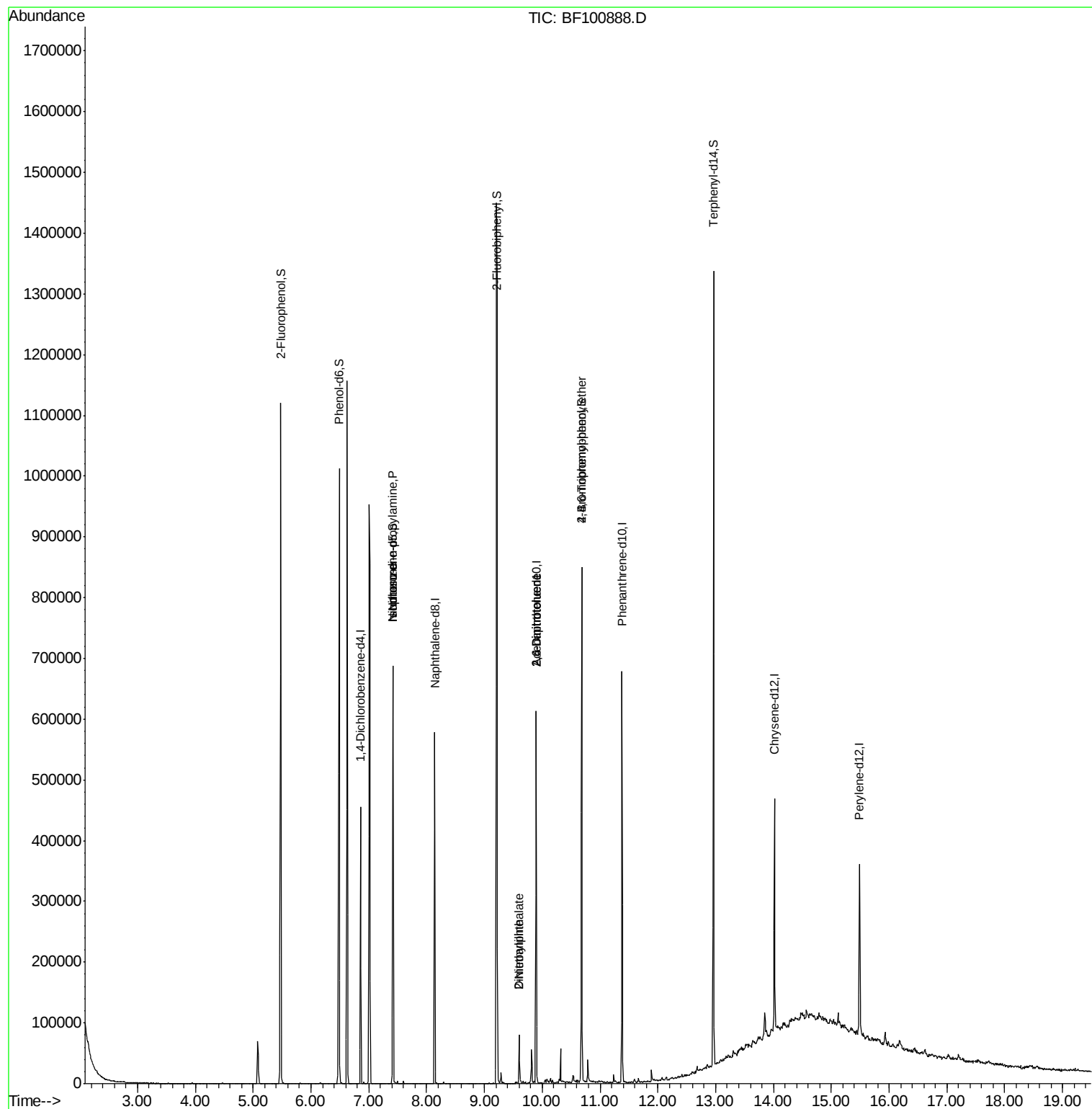
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64136	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	252514	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	119823	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	229865	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131326	20.00	ng	-0.01
86) Perylene-d12	15.49	264	139307	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	293957	73.47	ng	0.00
7) Phenol-d6	6.49	99	359870	72.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	222451	58.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	101259	82.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	505507	64.24	ng	-0.01
78) Terphenyl-d14	12.96	244	420469	73.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	29136	8.515	ng	# 83
25) Isophorone	7.42	82	222449	27.715	ng	# 64
47) 2-Nitroaniline	9.60	65	191	2.865	ng	# 1
49) Dimethylphthalate	9.60	163	27164	2.969	ng	98
50) 2,6-Dinitrotoluene	9.89	165	15371	8.488	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	15371	6.728	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6334	2.570	ng	# 1

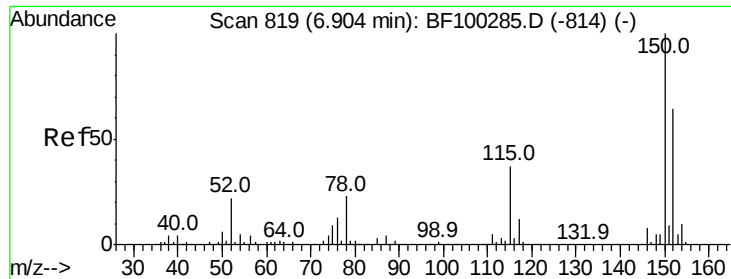
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100888.D
Acq On : 27 Nov 2017 13:32
Operator : SJ/JU
Sample : I6538-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 21:55:56 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



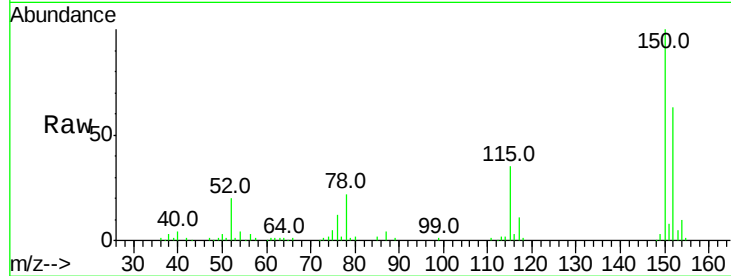


#1

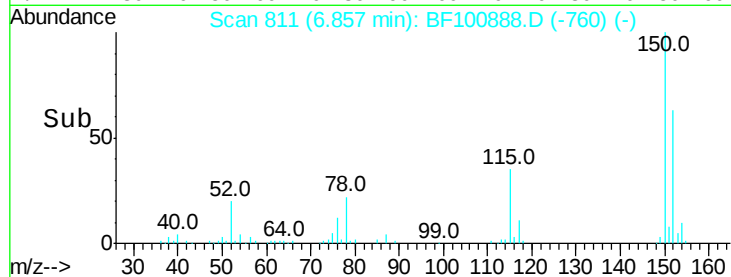
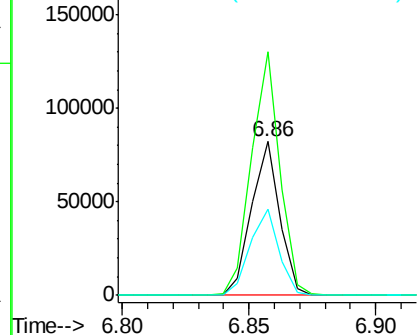
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64136
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 55.6 50.1 75.1



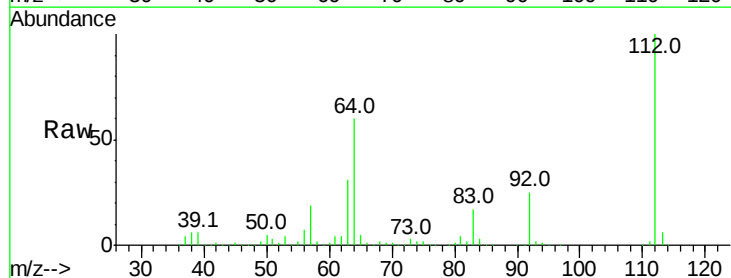
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



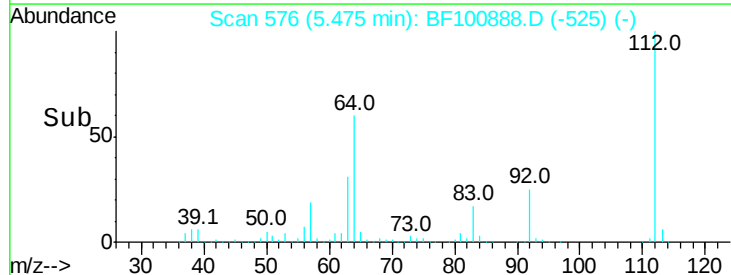
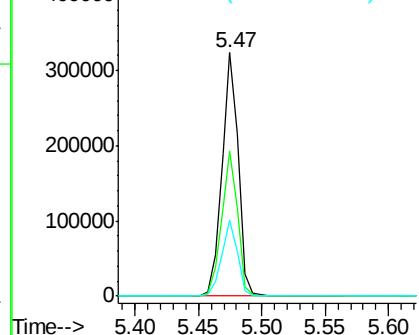
#5

2-Fluorophenol
Concen: 73.470 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:112 Resp: 293957
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 31.1 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: 72.940 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

Instrument :

BNA_F

ClientSampled :

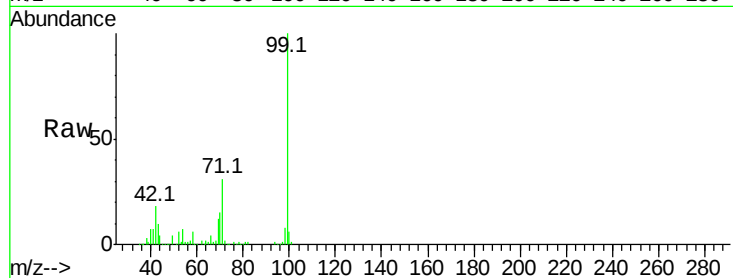
Tot Ion: 99 Resp: 359870

Ion Ratio Lower Upper

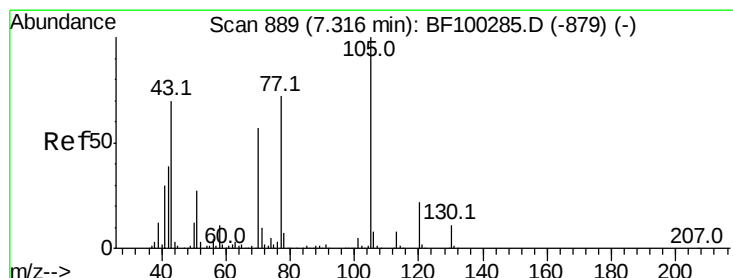
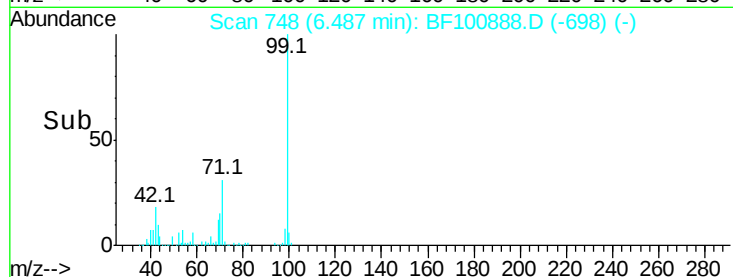
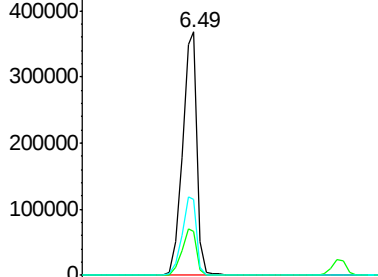
99 100

42 18.1 14.5 21.7

71 31.4 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: 8.515 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

Tgt Ion: 70 Resp: 29136

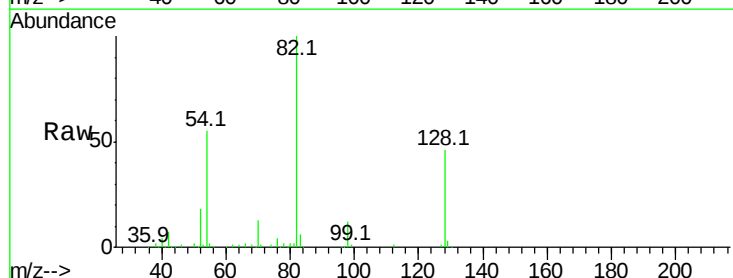
Ion Ratio Lower Upper

70 100

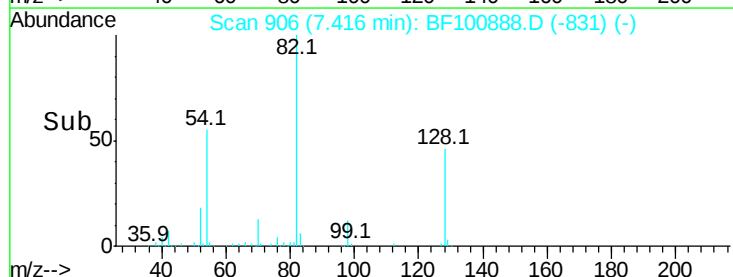
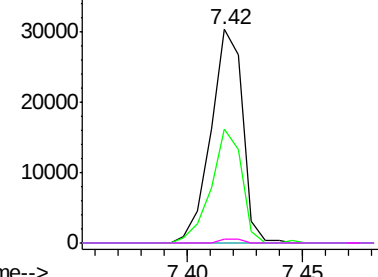
42 53.4 47.5 71.3

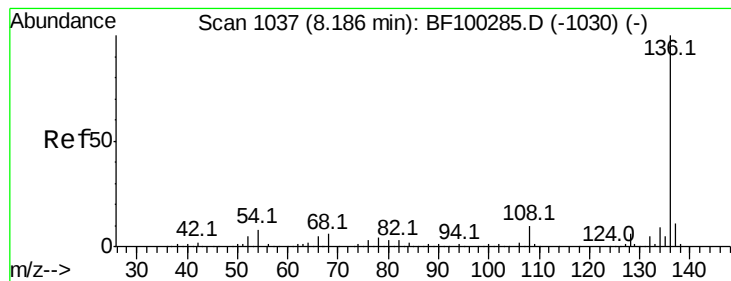
101 0.0 7.4 11.2#

130 1.7 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: BF100888.D

Acq: 27 Nov 2017 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 252514

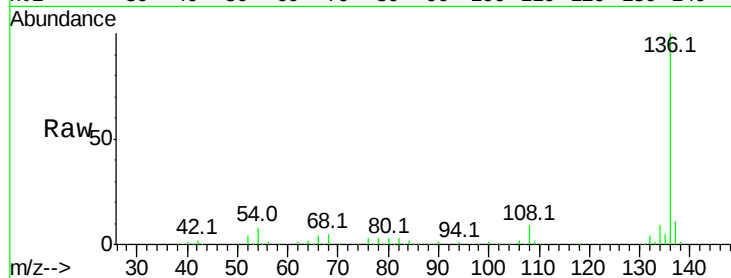
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.1 5.0 7.4

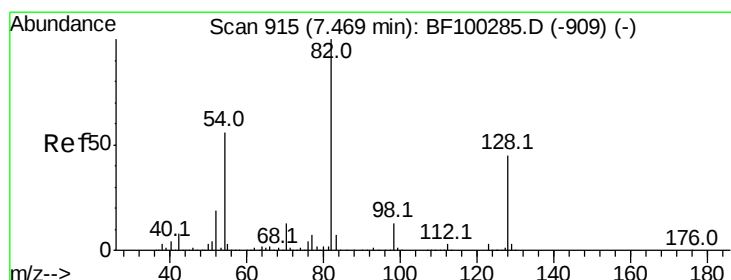
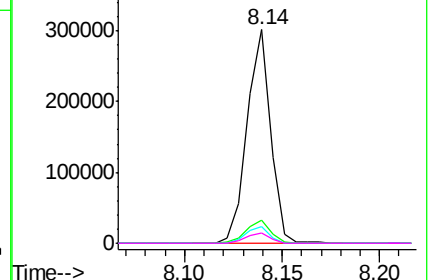
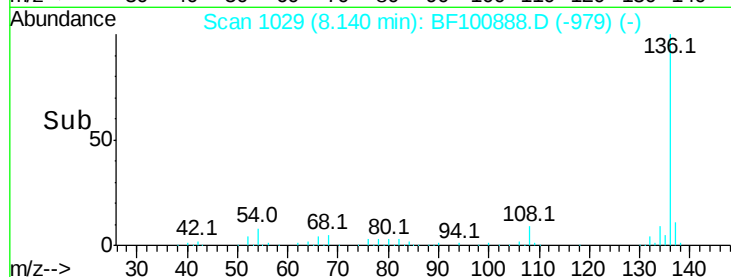


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.242 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

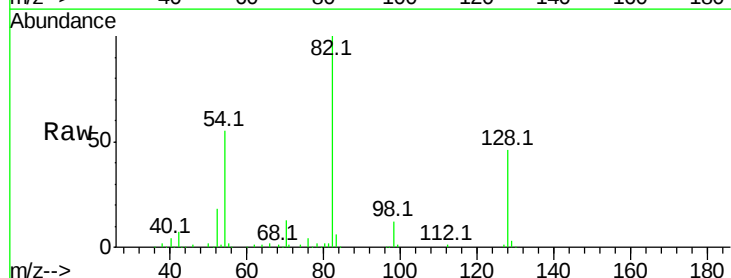
Tgt Ion: 82 Resp: 222451

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

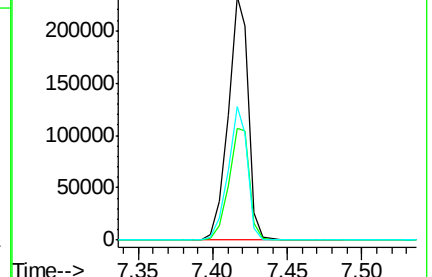
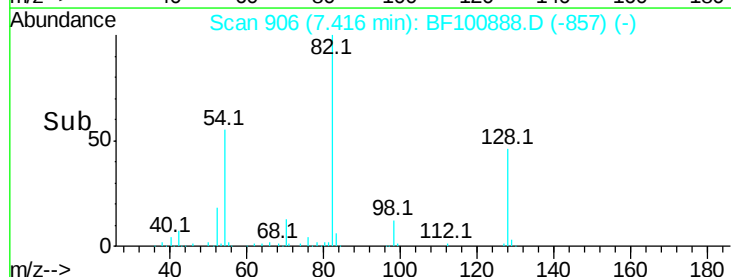
54 55.0 41.4 62.2

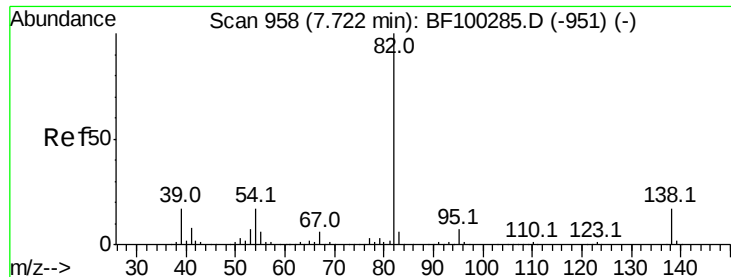


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.715 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

Instrument :

BNA_F

ClientSampleId :

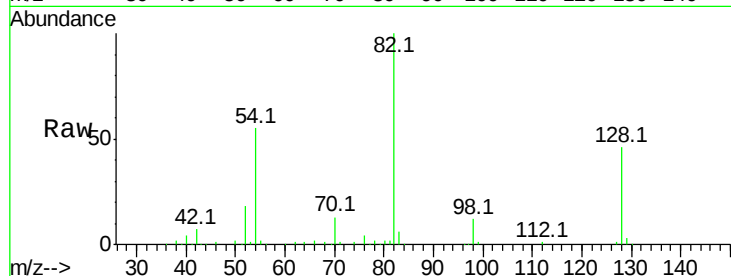
Tot Ion: 82 Resp: 222449

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

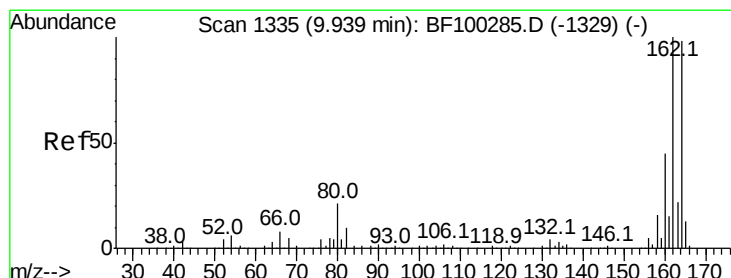
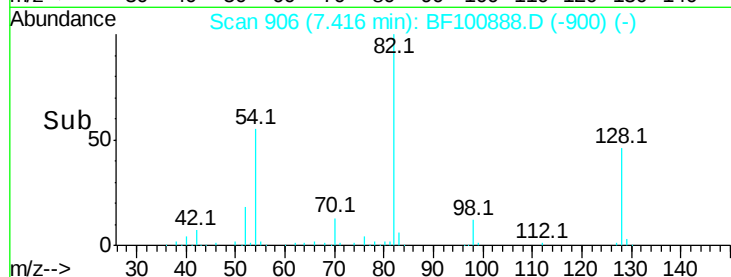
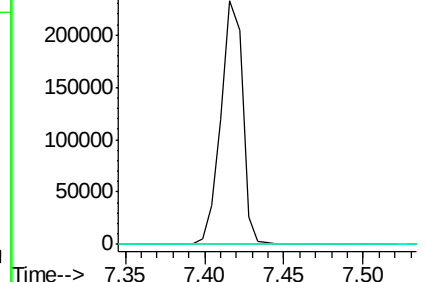
138 0.0 14.9 22.3#



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: BF100888.D

Acq: 27 Nov 2017 13:32

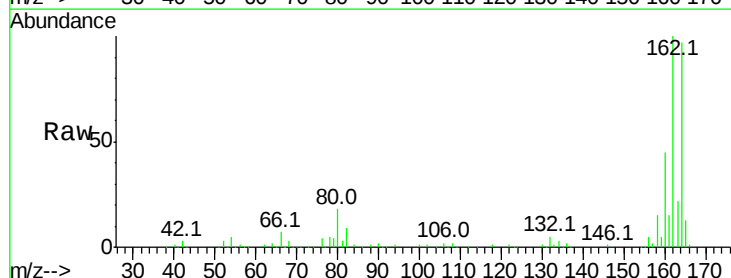
Tgt Ion: 164 Resp: 119823

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

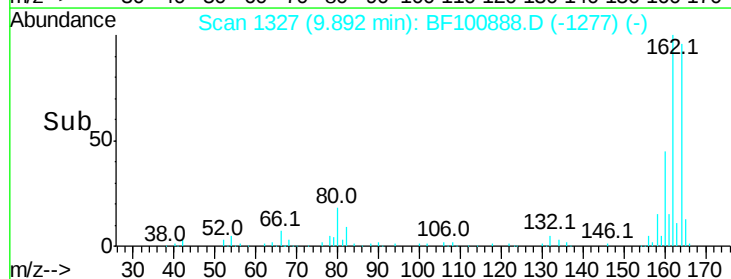
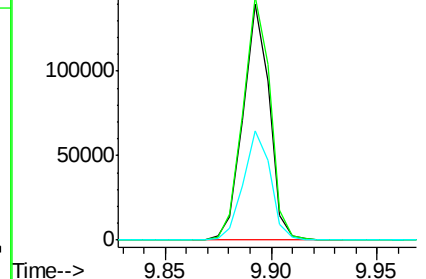
160 46.0 38.3 57.5



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

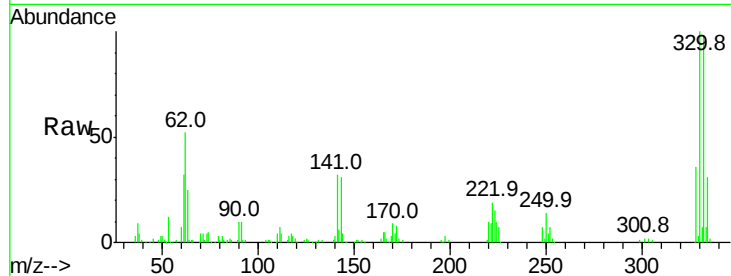




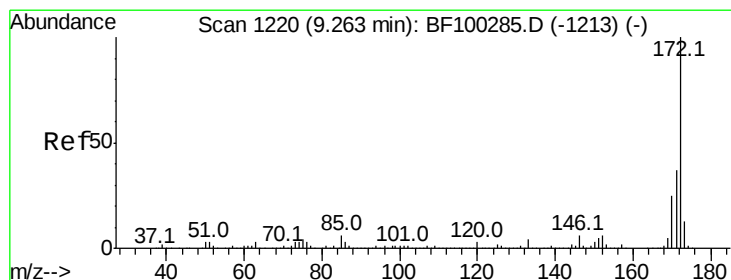
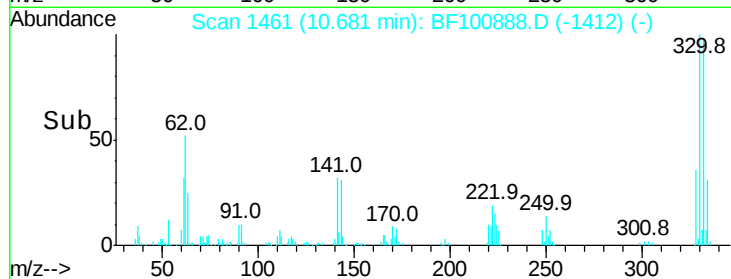
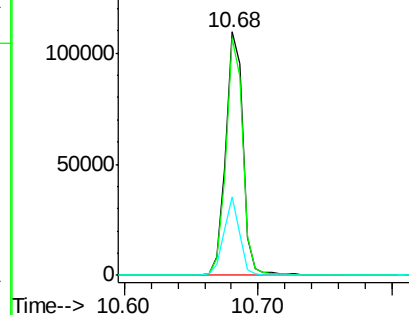
#41
 2,4,6-Tribromophenol
 Concen: 82.931 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	28.7	29.9	44.9#

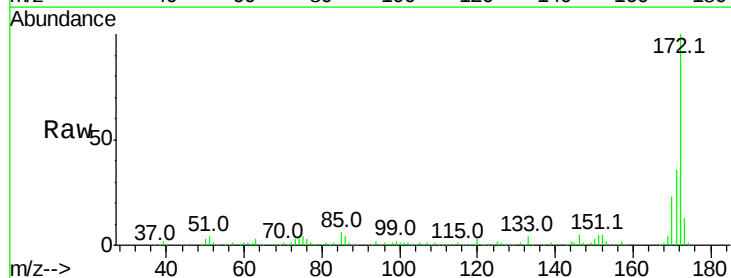


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

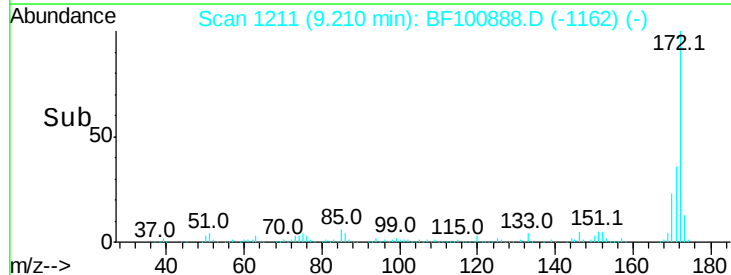
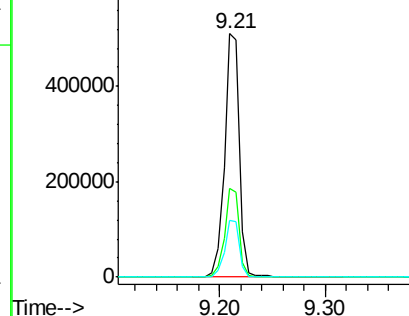


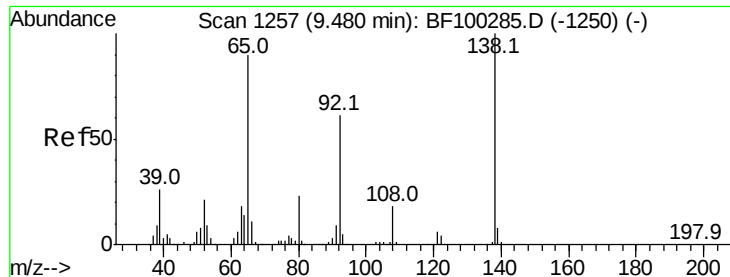
#44
 2-Fluorobiphenyl
 Concen: 64.240 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.4	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: 2.865 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.16 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

Instrument :

BNA_F

ClientSampleId :

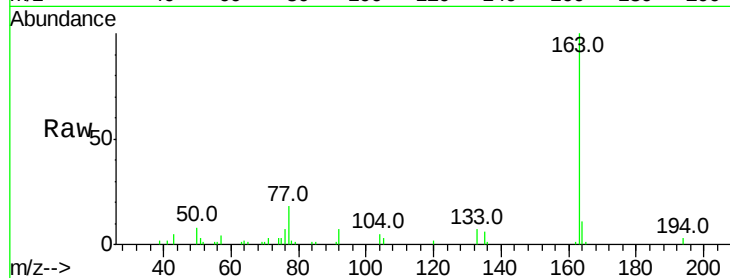
Tot Ion: 65 Resp: 191

Ion Ratio Lower Upper

65 100

92 470.2 55.8 83.6#

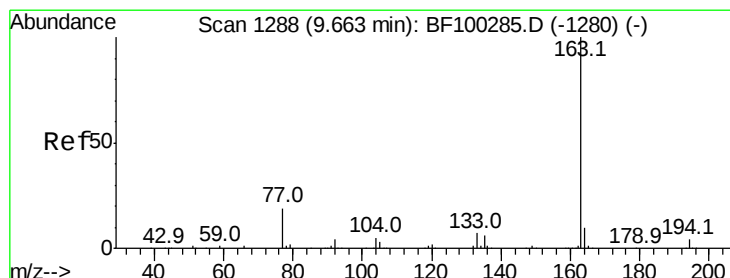
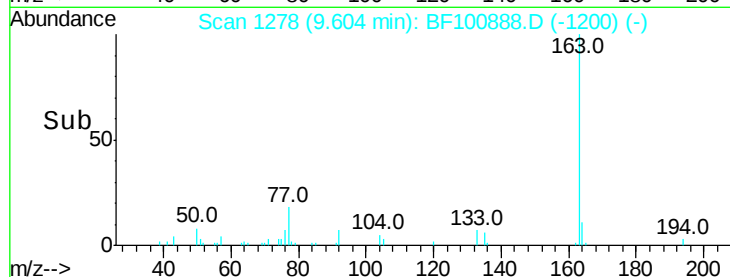
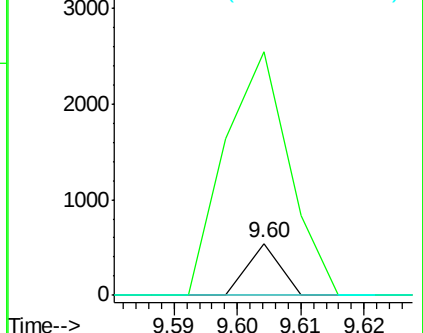
138 0.0 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 2.969 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

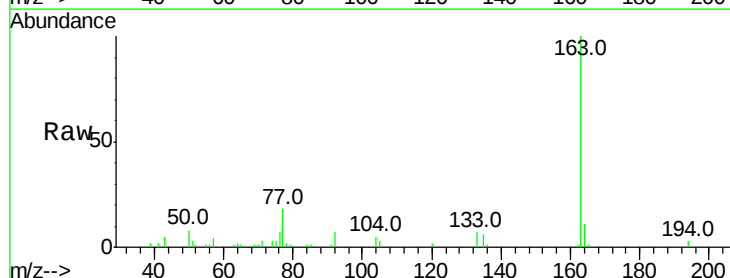
Tgt Ion: 163 Resp: 27164

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

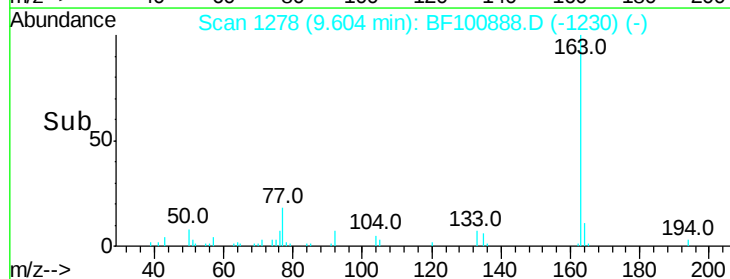
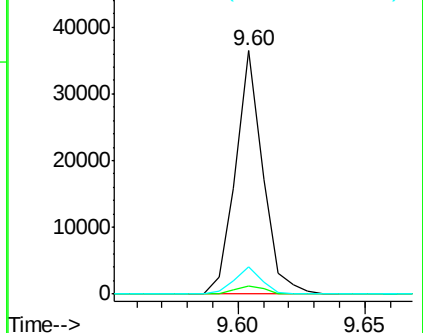
164 11.1 8.2 12.2

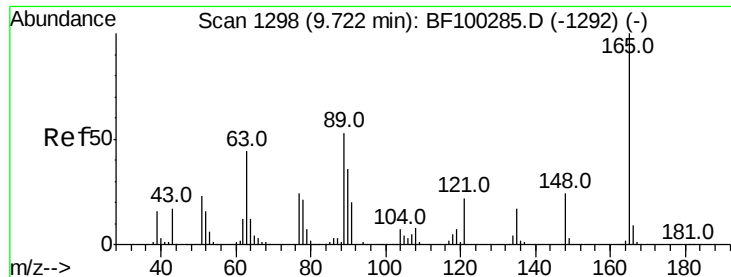


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

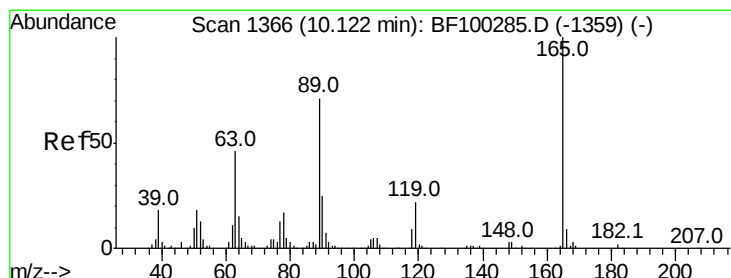
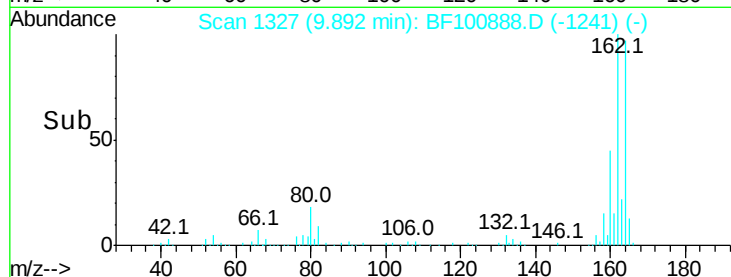
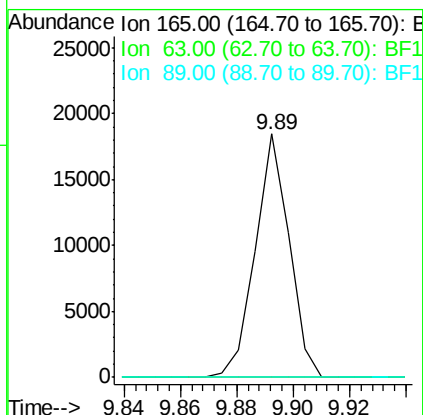
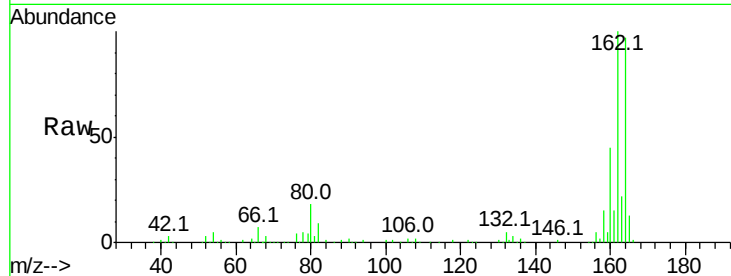




#50
 2,6-Dinitrotoluene
 Concen: 8.488 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

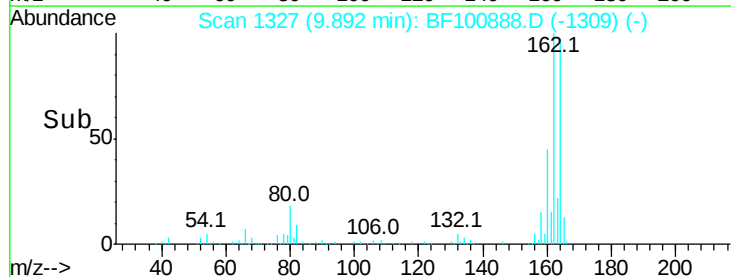
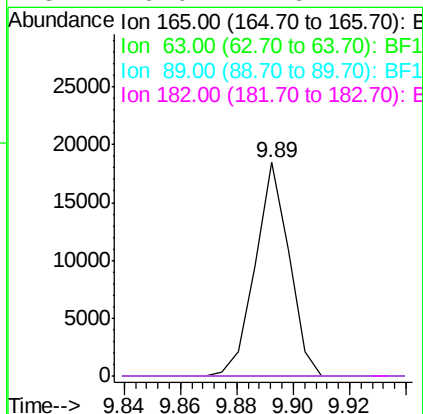
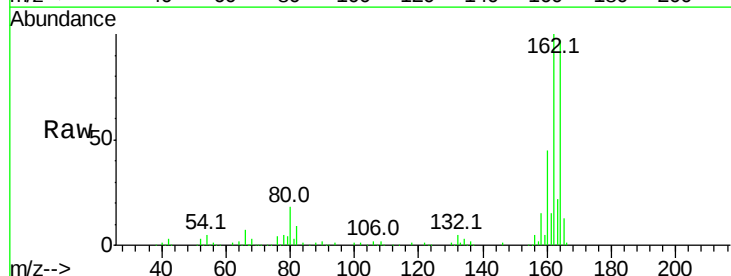
Instrument :
 BNA_F
 ClientSampleId :

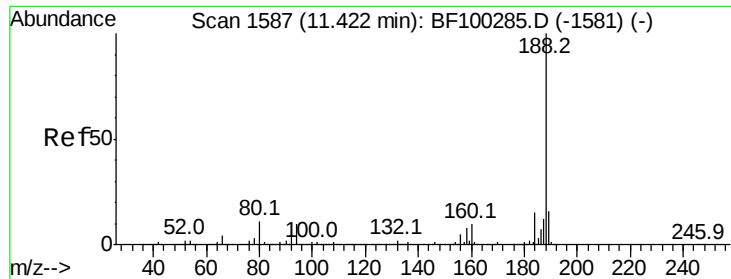
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.728 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

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#

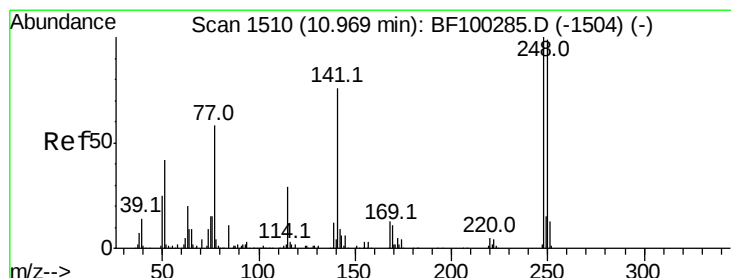
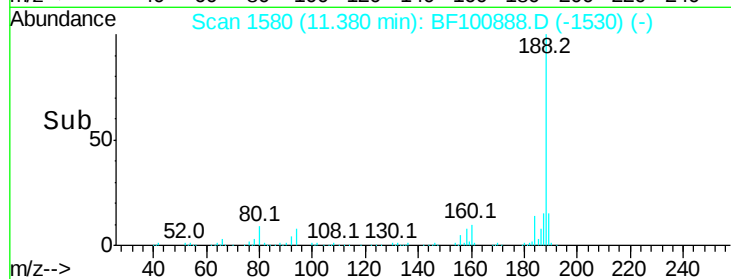
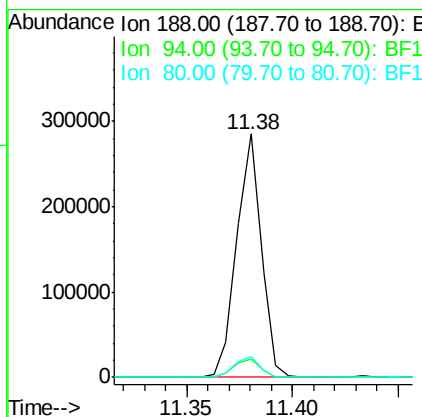
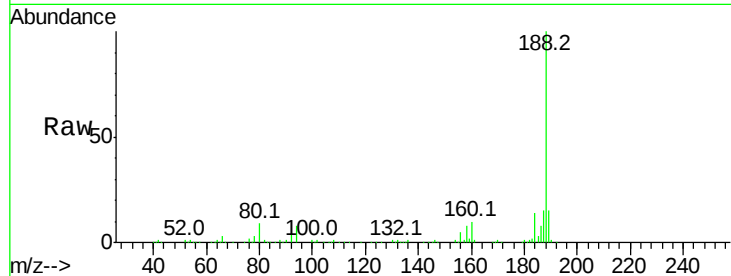




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

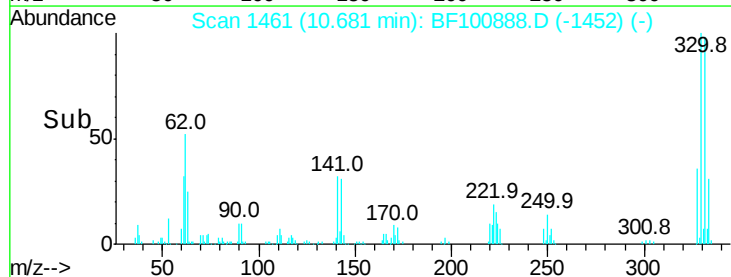
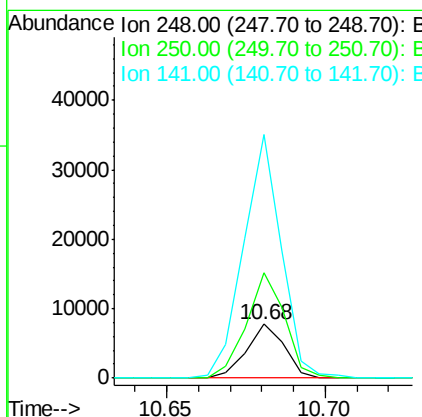
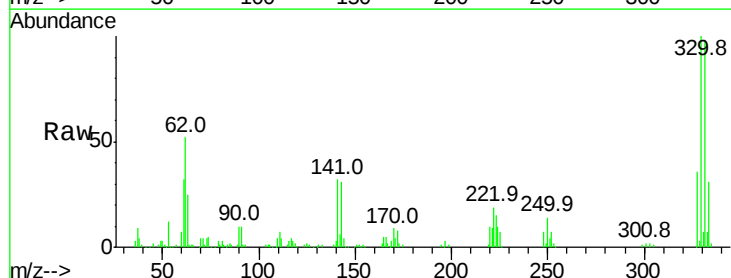
Instrument :
 BNA_F
 ClientSampleId :

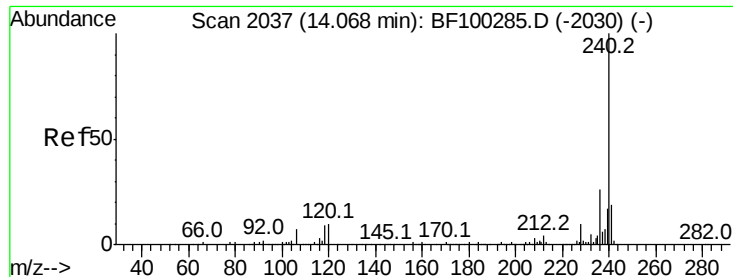
Tot Ion:188 Resp: 229865
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.6 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.570 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

Tgt Ion:248 Resp: 6334
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 452.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

Instrument :

BNA_F

ClientSampleId :

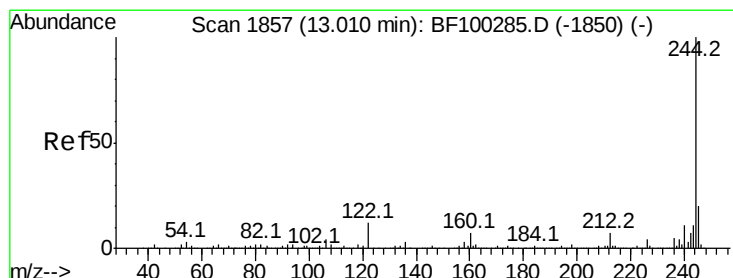
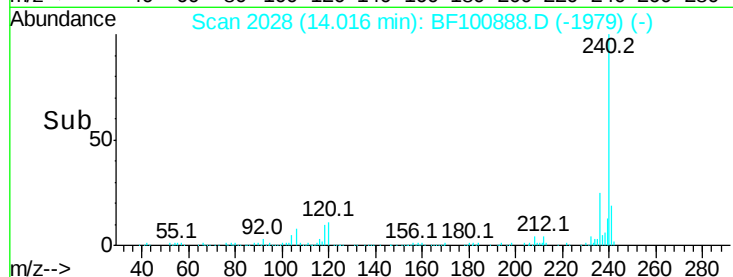
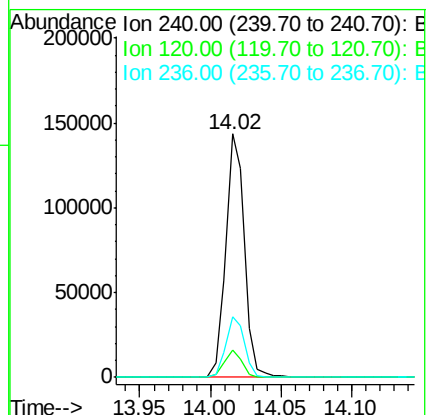
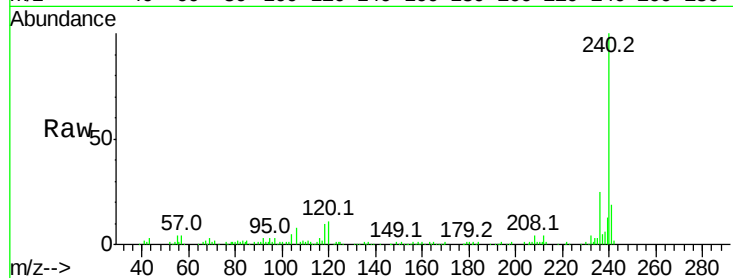
Tot Ion:240 Resp: 131326

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

236 24.9 20.7 31.1



#78

Terphenyl-d14

Concen: 73.566 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100888.D

Acq: 27 Nov 2017 13:32

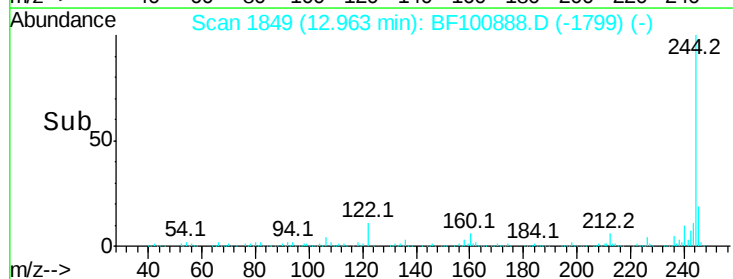
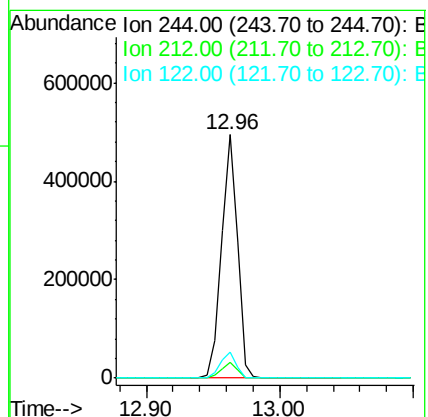
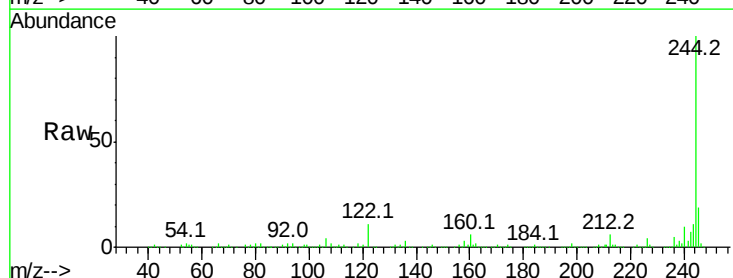
Tgt Ion:244 Resp: 420469

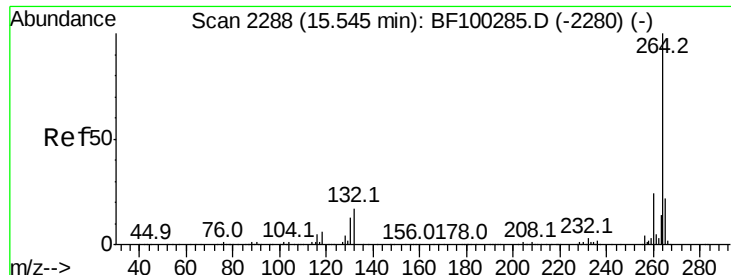
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.7 11.0 16.4#

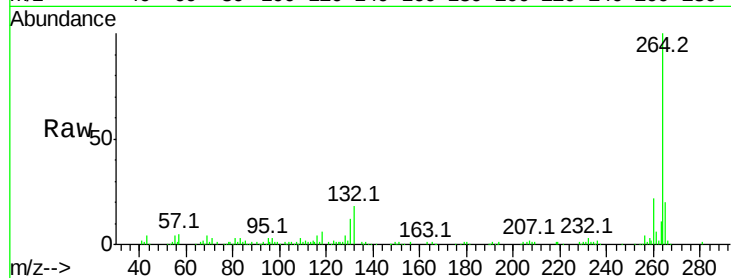




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100888.D
 Acq: 27 Nov 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	19.9	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

