

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100811.D
 Acq On : 22 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6542-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 07:37:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

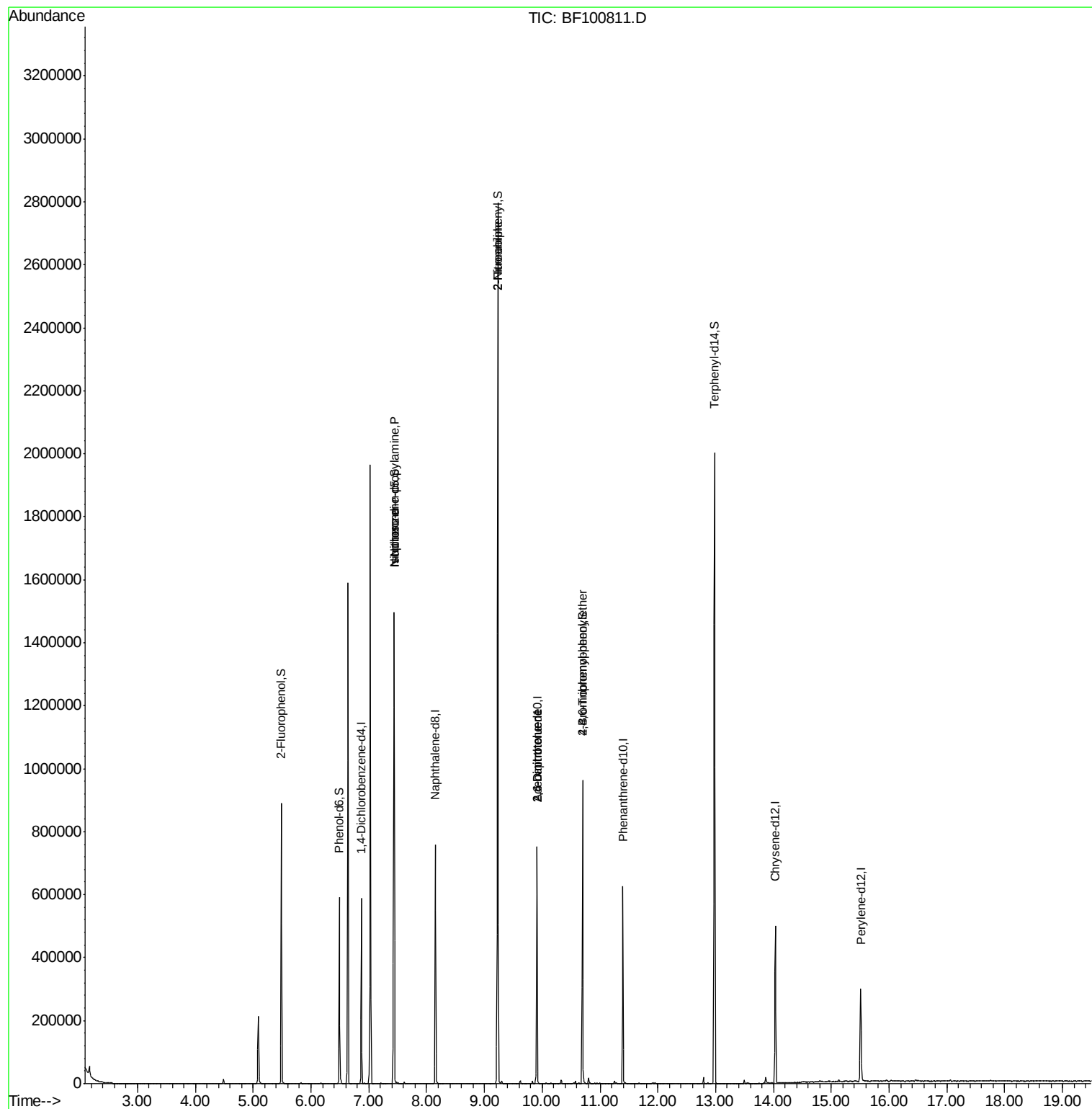
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86488	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	337301	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	145047	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	233288	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	167504	20.00	ng	-0.01
86) Perylene-d12	15.51	264	146600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	230793	42.78	ng	0.00
7) Phenol-d6	6.49	99	172989	26.00	ng	-0.02
23) Nitrobenzene-d5	7.44	82	540069	105.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	126590	85.65	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1010638	106.10	ng	0.00
78) Terphenyl-d14	12.98	244	634965	87.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	68857	14.92	ng	# 80
25) Isophorone	7.44	82	540060	50.37	ng	# 64
47) 2-Nitroaniline	9.23	65	1520	3.32	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	17973	8.20	ng	# 24
56) 2,4-Dinitrotoluene	9.91	165	17973	6.50	ng	# 21
66) 4-Bromophenyl-phenylether	10.70	248	7885	3.15	ng	# 1

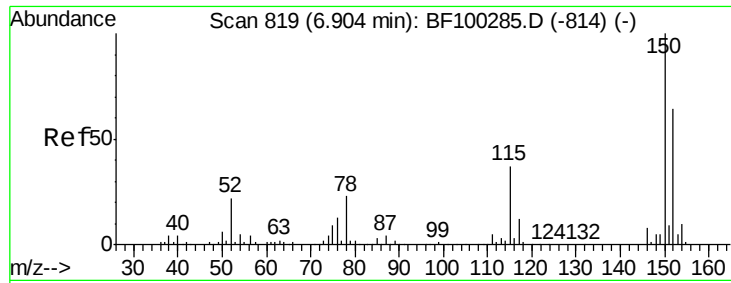
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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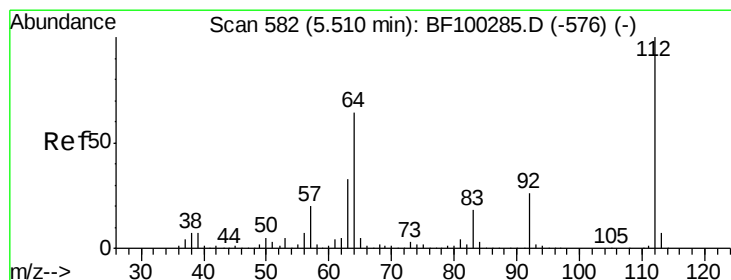
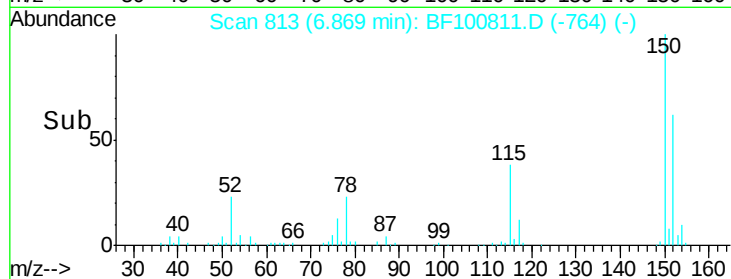
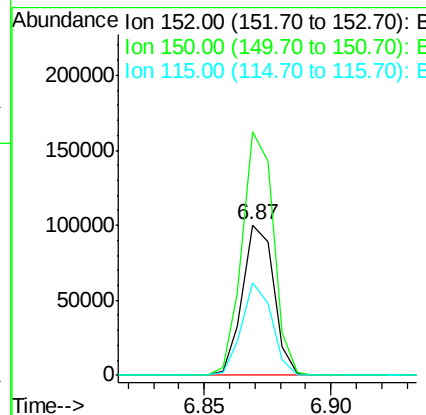
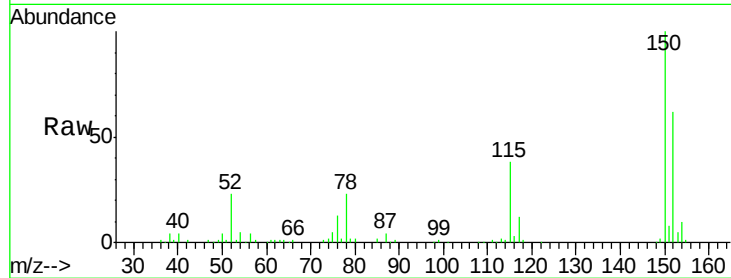


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_F
ClientSampleId :

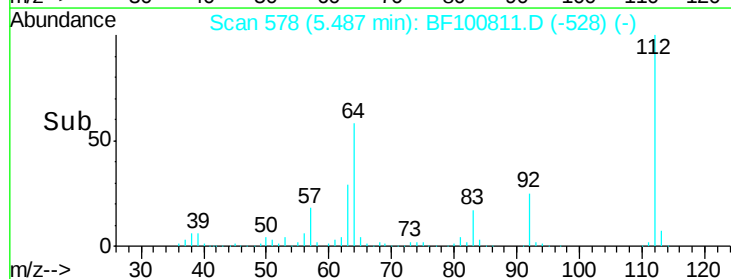
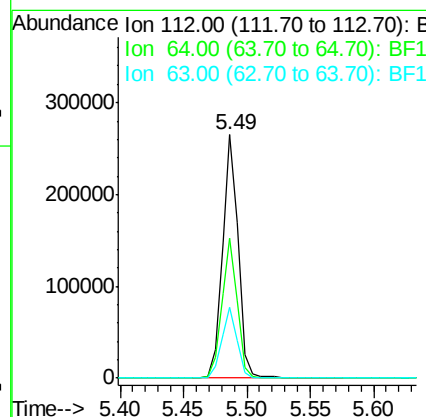
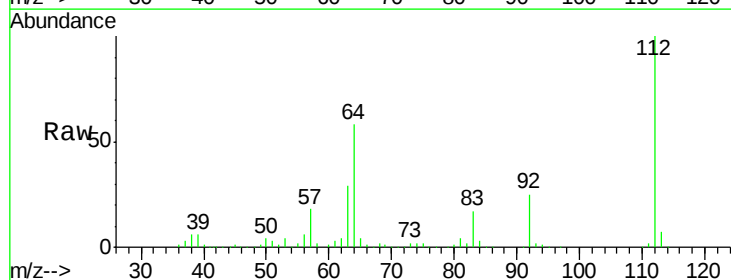
Tot Ion:152 Resp: 86488
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 61.4 50.1 75.1



#5

2-Fluorophenol
Concen: 42.78 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Tgt Ion:112 Resp: 230793
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 26.00 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampled :

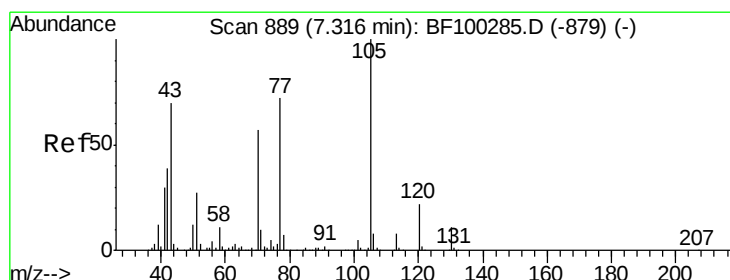
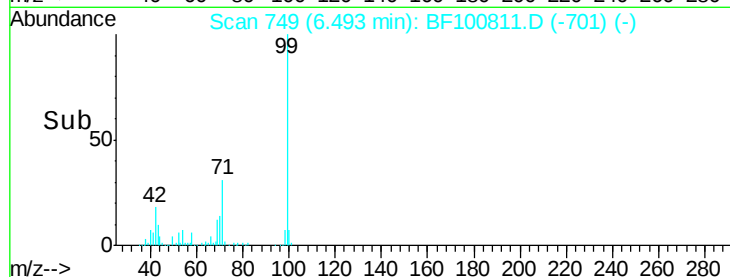
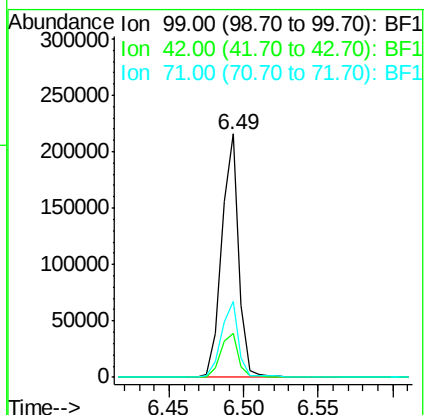
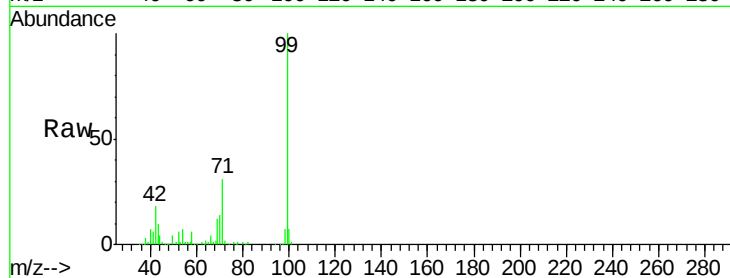
Tot Ion: 99 Resp: 172989

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.92 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Tgt Ion: 70 Resp: 68857

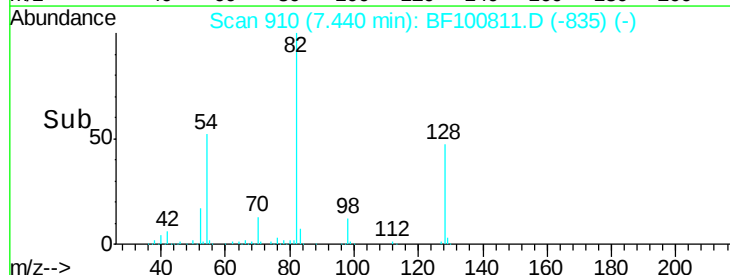
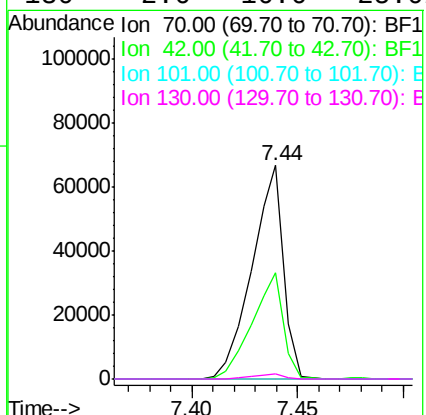
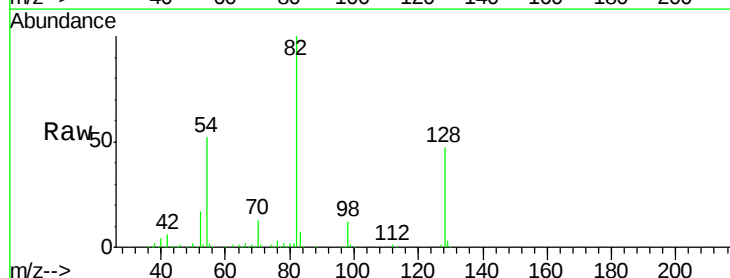
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

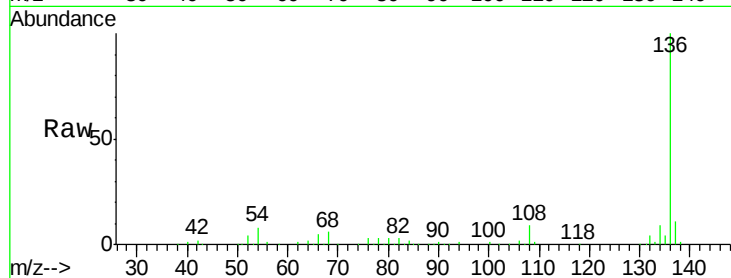




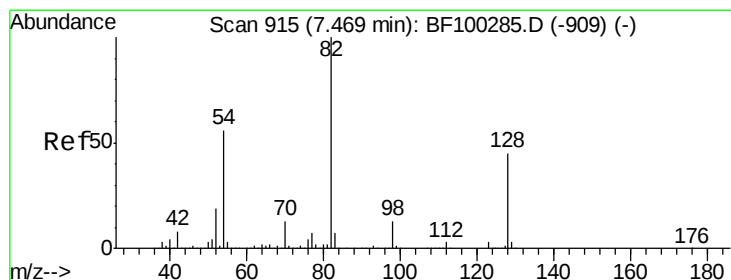
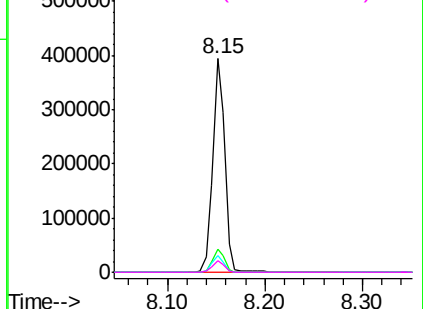
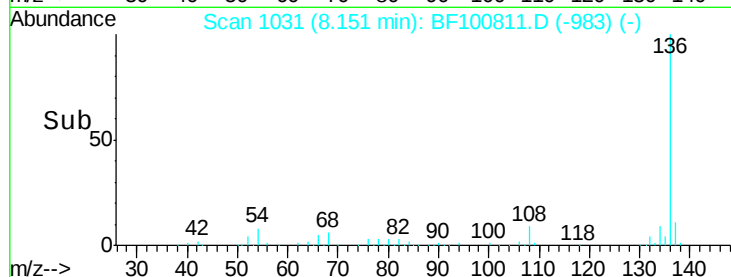
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	337301
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.8	6.6 9.8
68	5.6	5.0 7.4

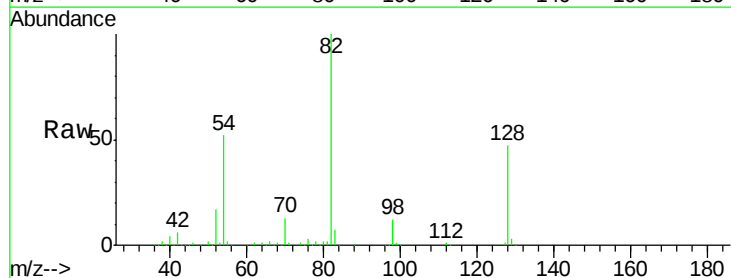


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

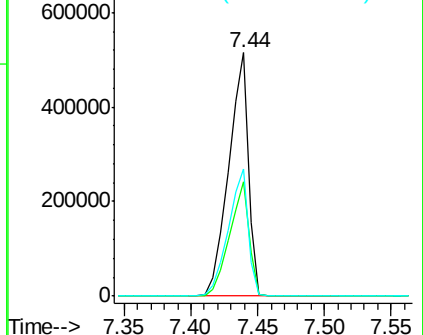
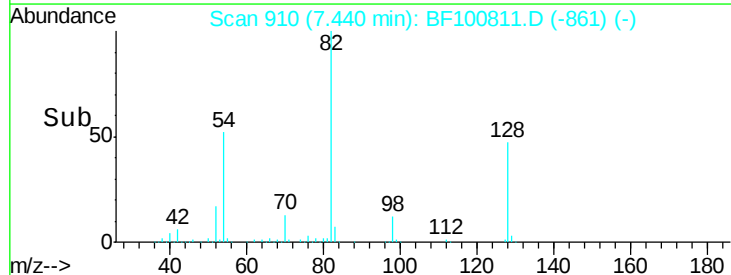


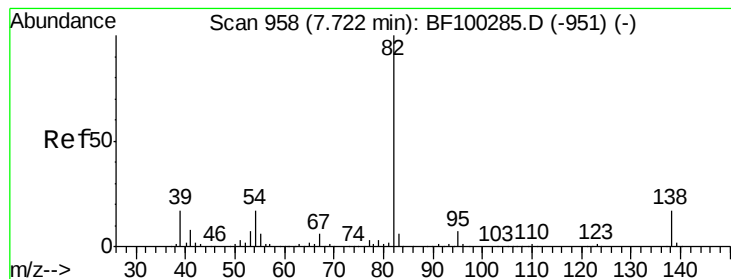
#23
Nitrobenzene-d5
Concen: 105.86 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Tgt Ion: 82	Resp:	540069
Ion Ratio	Lower	Upper
82	100	
128	46.9	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: 50.37 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

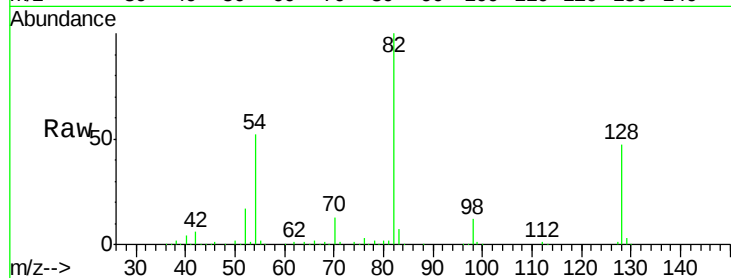
Tot Ion: 82 Resp: 540060

Ion Ratio Lower Upper

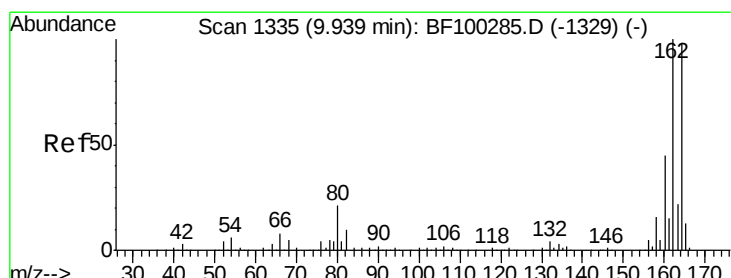
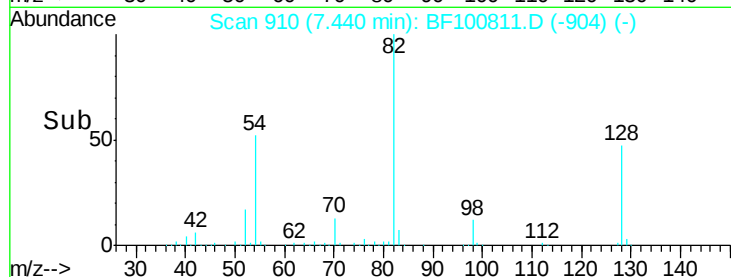
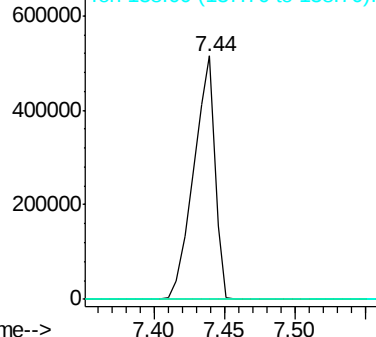
82 100

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: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

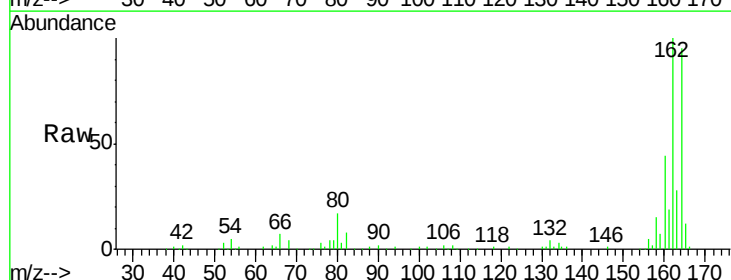
Tgt Ion: 164 Resp: 145047

Ion Ratio Lower Upper

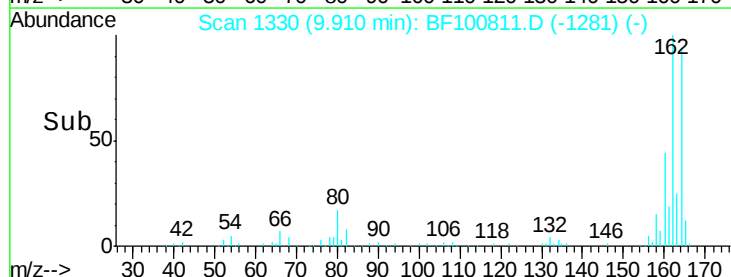
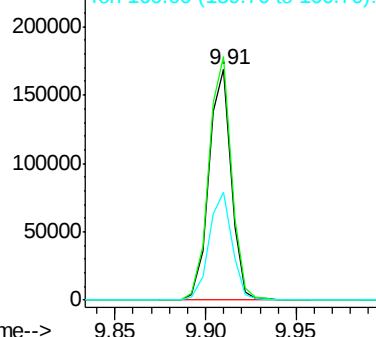
164 100

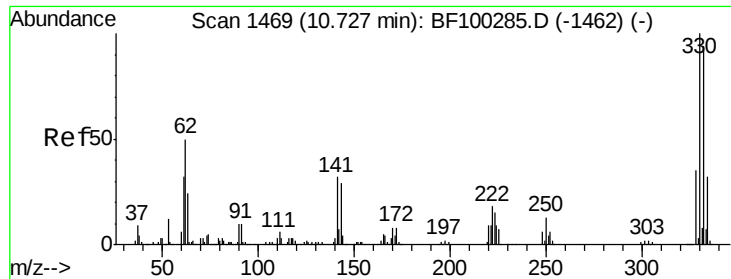
162 105.5 86.1 129.1

160 46.7 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

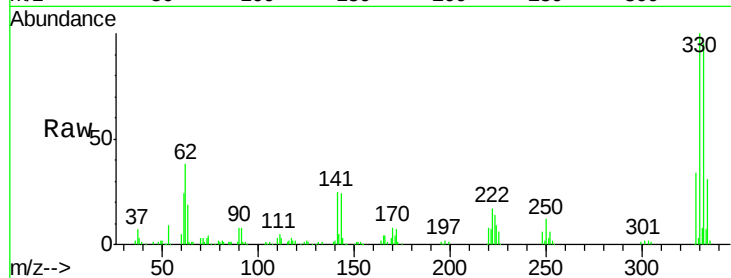




#41
 2,4,6-Tribromophenol
 Concen: 85.65 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	27.8	29.9	44.9#

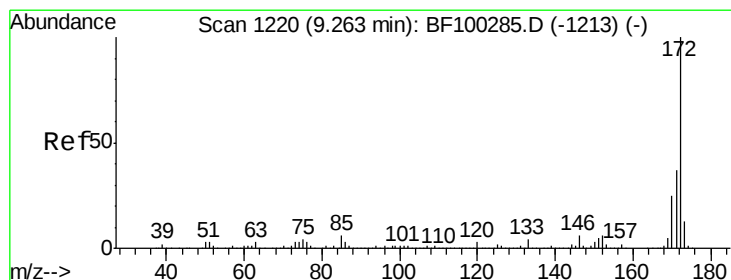
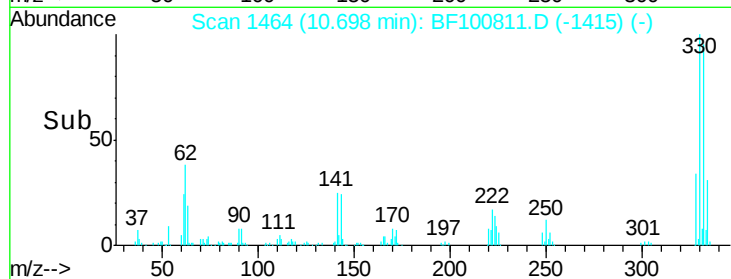
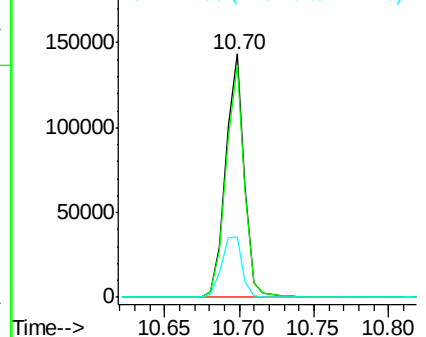


Abundance

Ion 329.80 (329.50 to 330.50): E

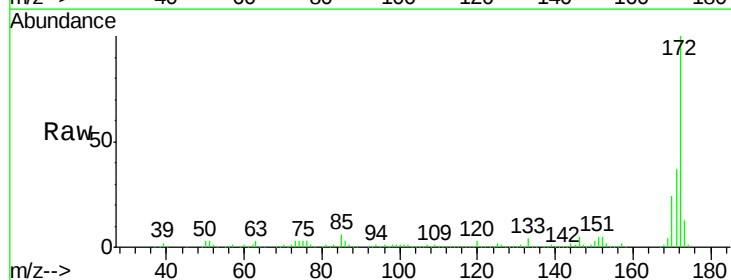
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.10 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4

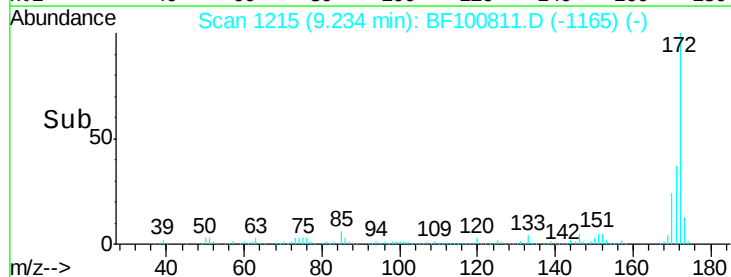
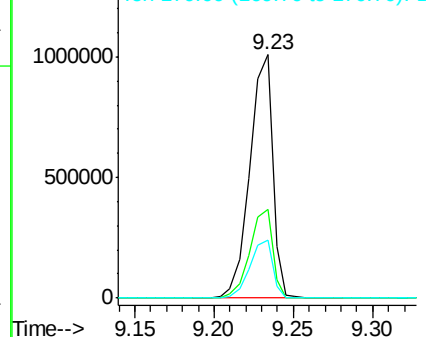


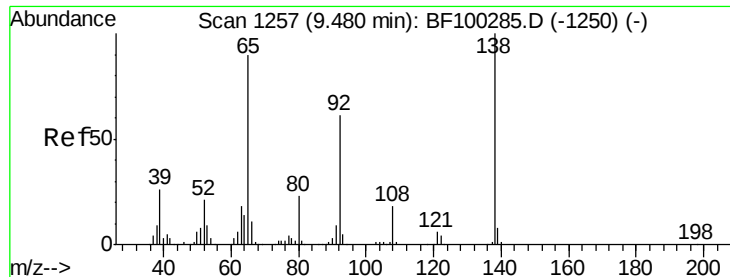
Abundance

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: 3.32 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.24 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

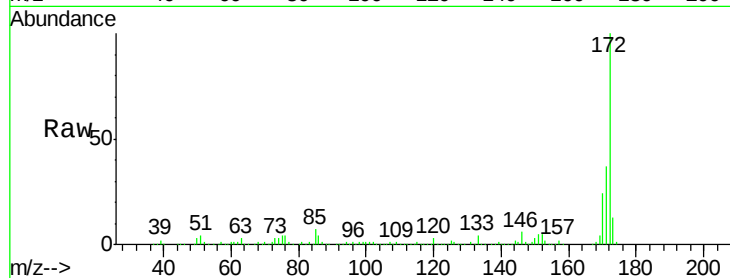
Tot Ion: 65 Resp: 1520

Ion Ratio Lower Upper

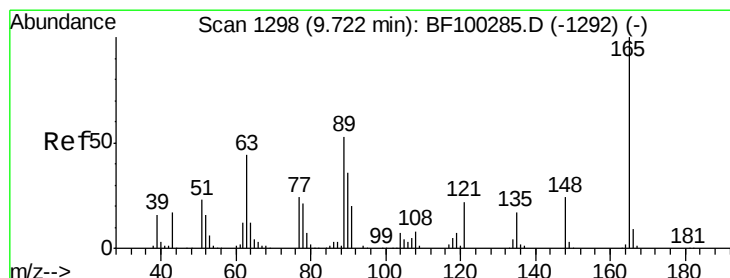
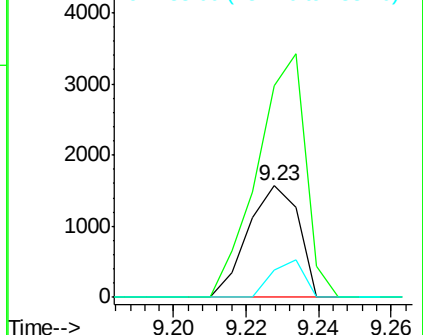
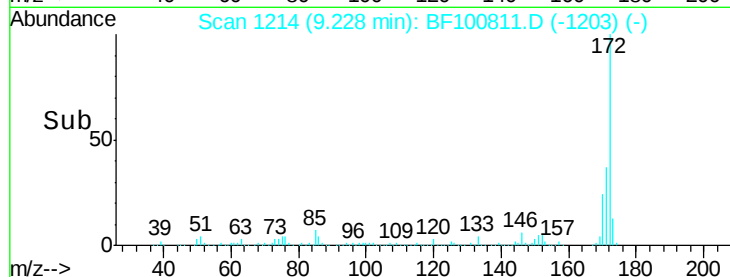
65 100

92 189.6 55.8 83.6#

138 24.8 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: 8.20 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

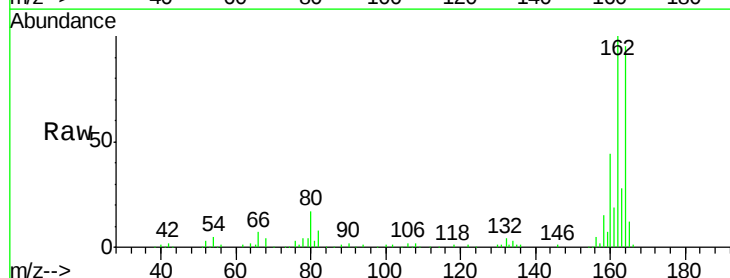
Tgt Ion:165 Resp: 17973

Ion Ratio Lower Upper

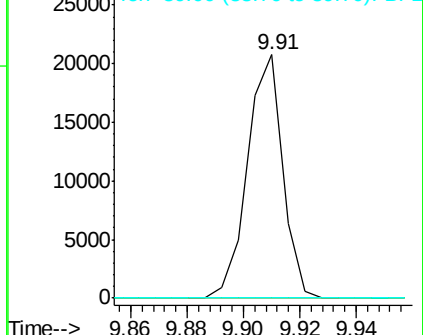
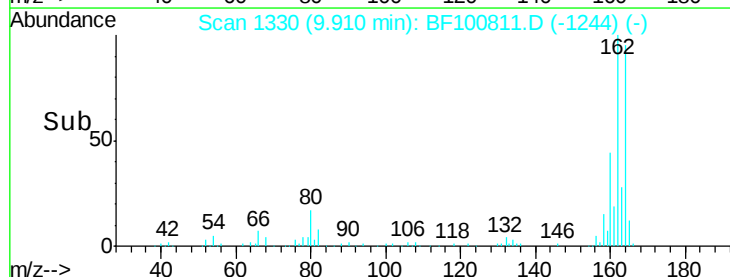
165 100

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

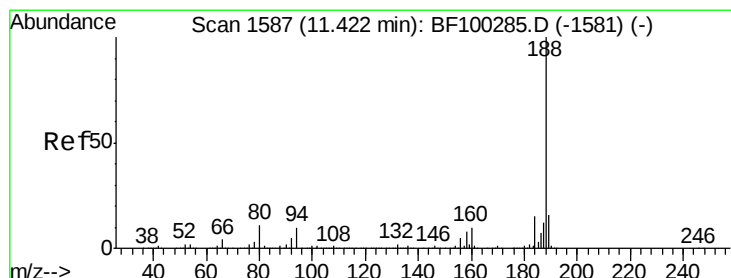
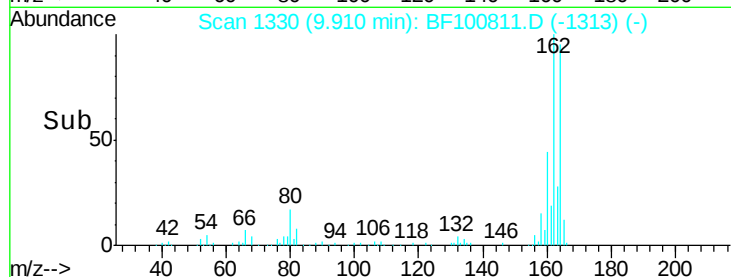
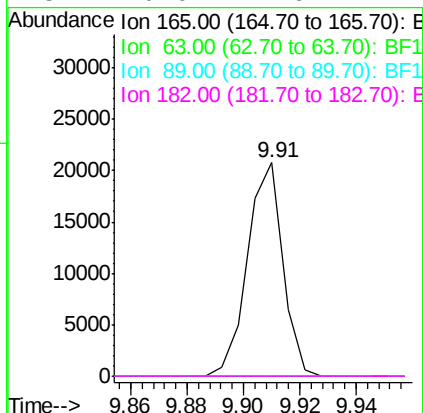
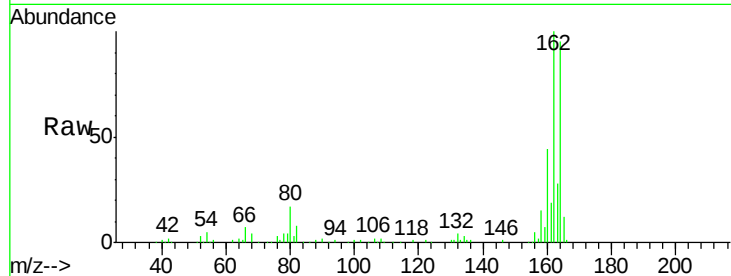




#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

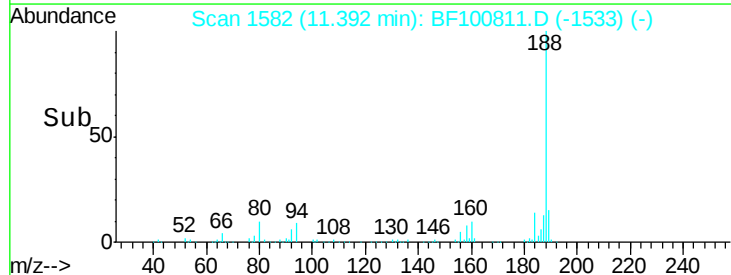
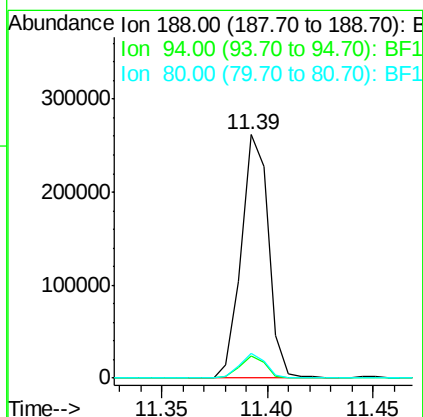
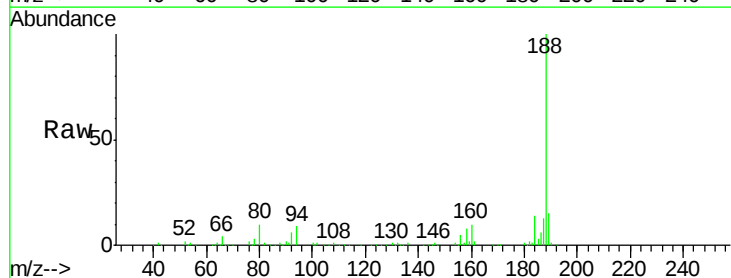
Instrument :
 BNA_F
 ClientSampleId :

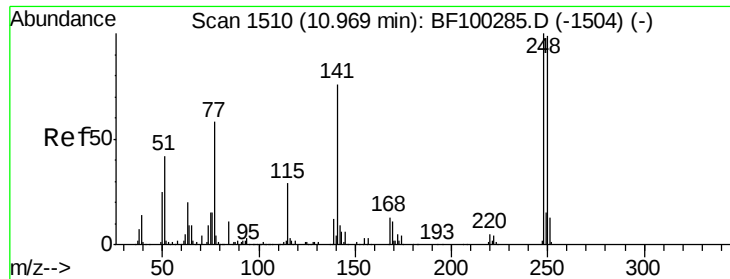
Tot Ion:165	Resp: 17973
Ion Ratio	Lower Upper
165 100	
63 0.0	36.4 54.6#
89 0.0	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100811.D
 Acq: 22 Nov 2017 5:59

Tgt Ion	188	Resp: Lower	233288 Upper
	Ratio 100		
94	9.2	8.5	12.7
80	10.0	9.2	13.8

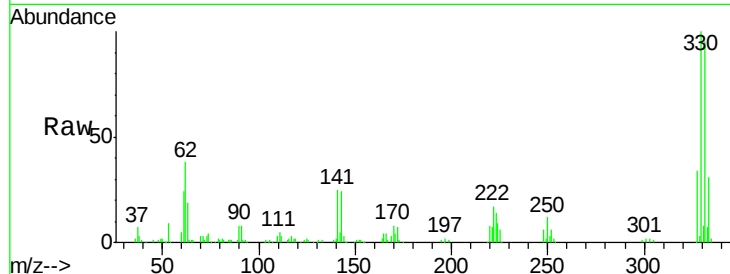




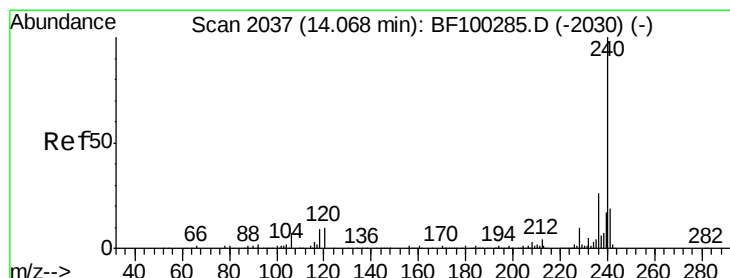
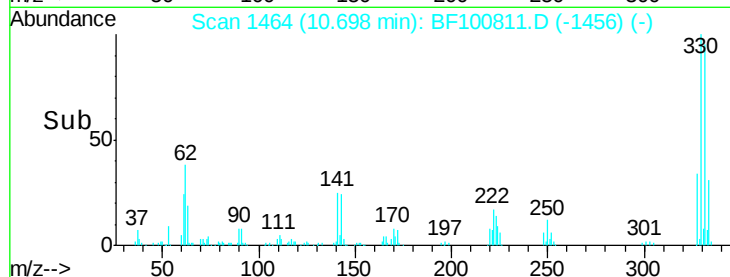
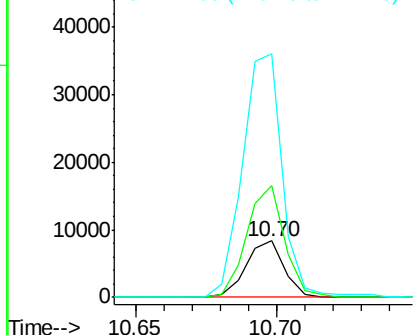
#66
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7885
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 429.7 74.4 111.6#

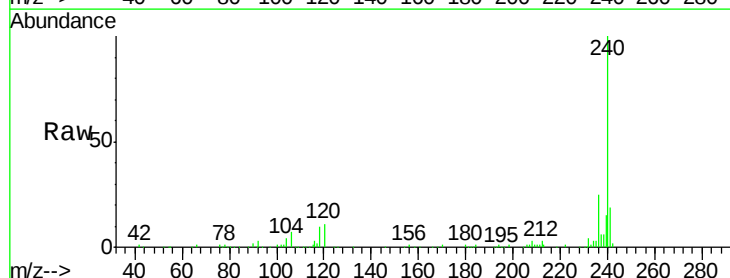


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

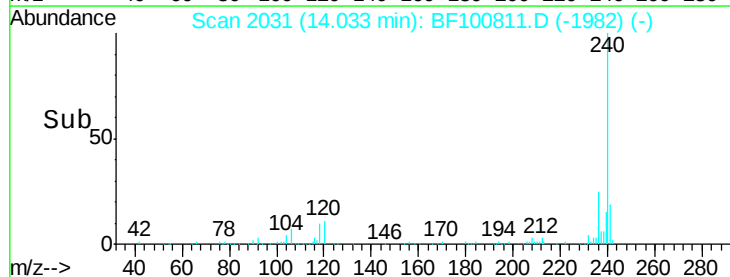
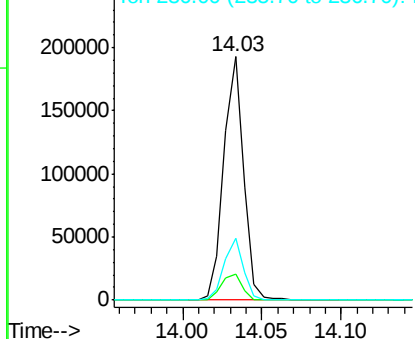


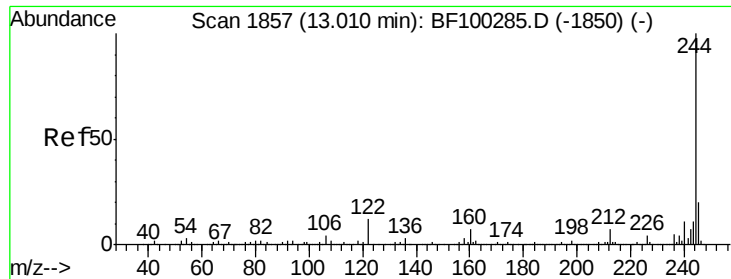
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100811.D
Acq: 22 Nov 2017 5:59

Tgt Ion:240 Resp: 167504
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.3 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: 87.10 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

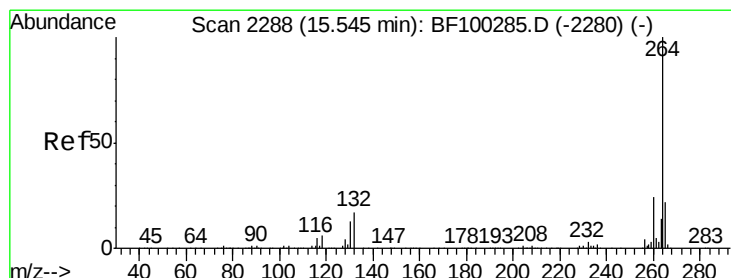
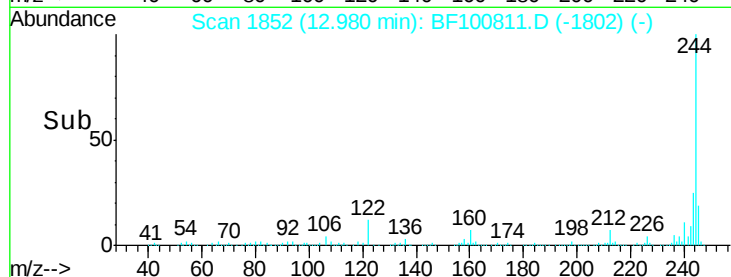
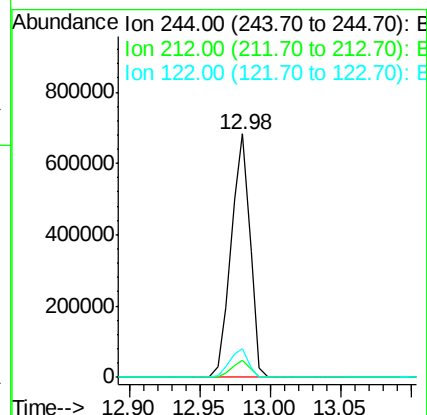
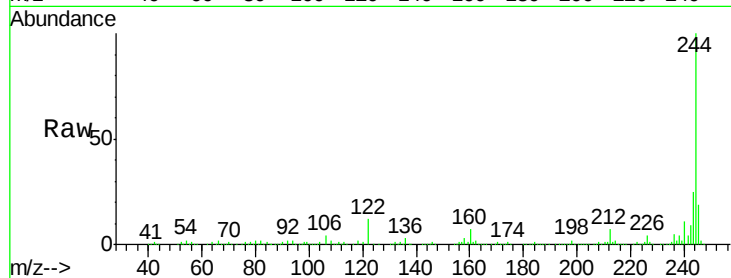
Tot Ion:244 Resp: 634965

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.6 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100811.D

Acq: 22 Nov 2017 5:59

Tgt Ion:264 Resp: 146600

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 17.5 26.3

