

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100815.D
 Acq On : 22 Nov 2017 10:09
 Operator : SJ/JU
 Sample : PB104450BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:24:00 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

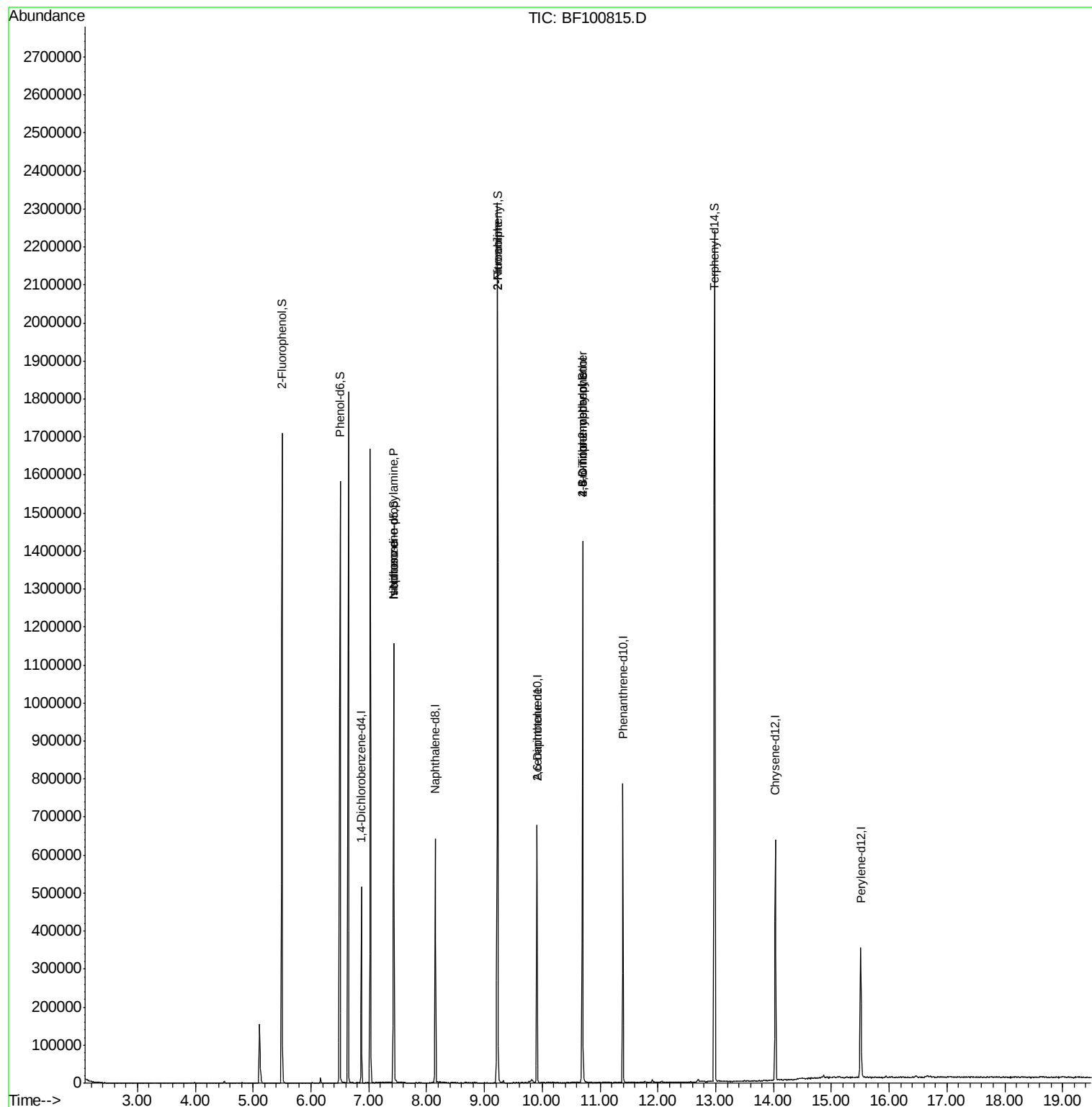
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	72247	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	295693	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	141662	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	288941	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	212008	20.00	ng	-0.01
86) Perylene-d12	15.51	264	176895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	508889	112.91	ng	0.00
7) Phenol-d6	6.50	99	613487	110.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	379060	84.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	186449	129.16	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	803143	86.33	ng	-0.01
78) Terphenyl-d14	12.98	244	861659	93.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	48244	12.517	ng	# 84
25) Isophorone	7.43	82	379056	40.331	ng	# 64
47) 2-Nitroaniline	9.23	65	1090	3.175	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	18076	8.443	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.70	198	144	8.651	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11187	3.612	ng	# 1

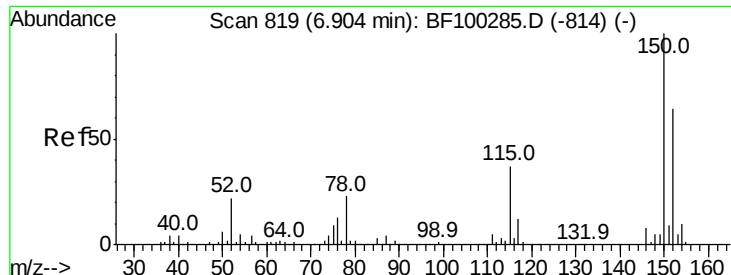
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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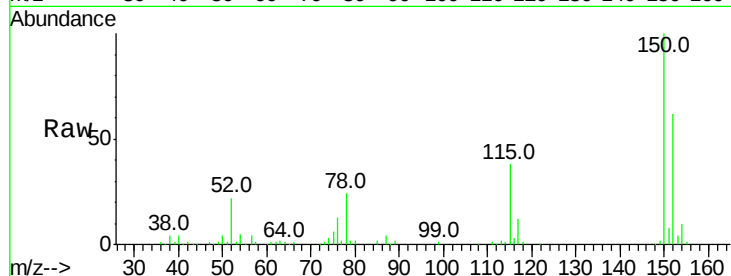


#1

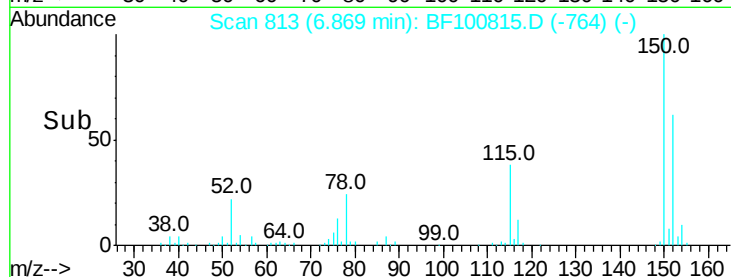
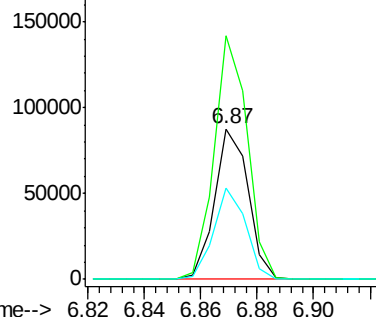
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72247
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 61.1 50.1 75.1



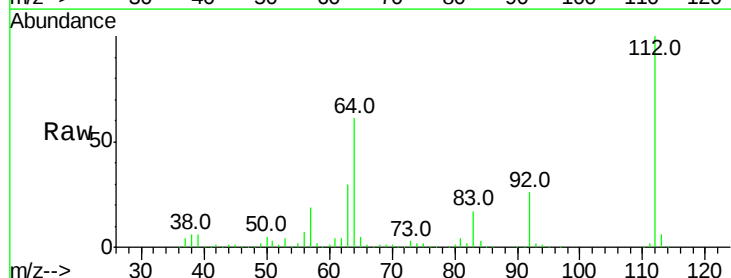
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



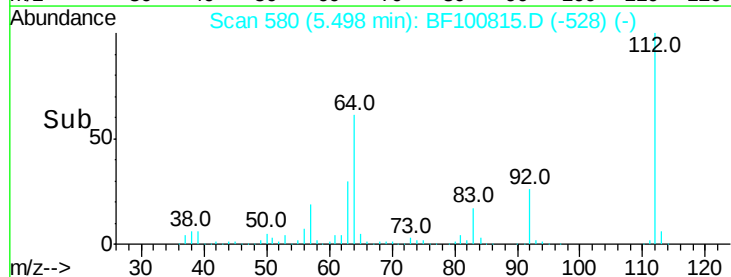
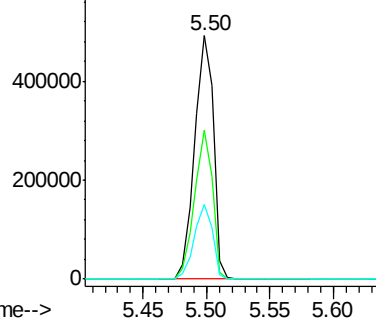
#5

2-Fluorophenol
Concen: 112.910 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

Tgt Ion:112 Resp: 508889
Ion Ratio Lower Upper
112 100
64 61.0 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: 110.384 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

Instrument :

BNA_F

ClientSampleId :

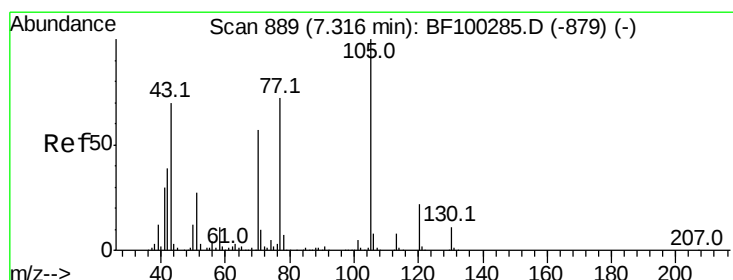
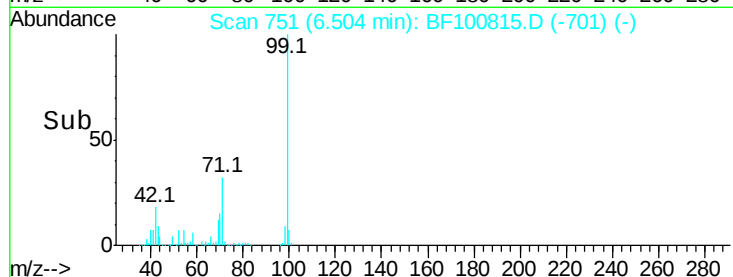
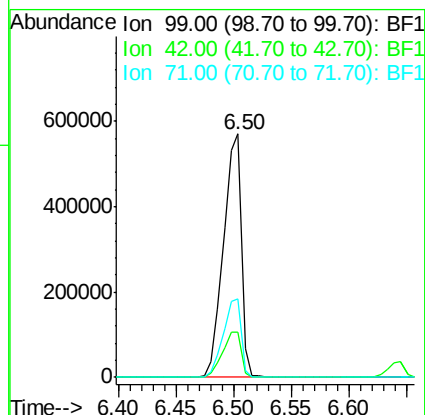
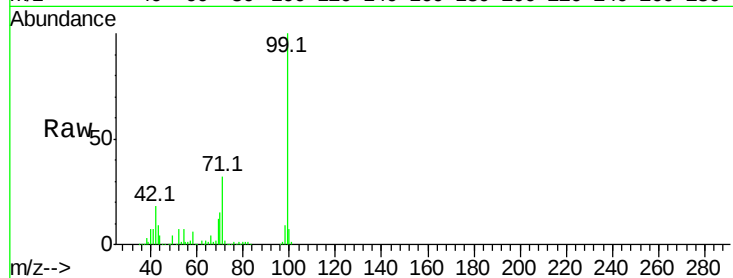
Tot Ion: 99 Resp: 613487

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.517 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

Tgt Ion: 70 Resp: 48244

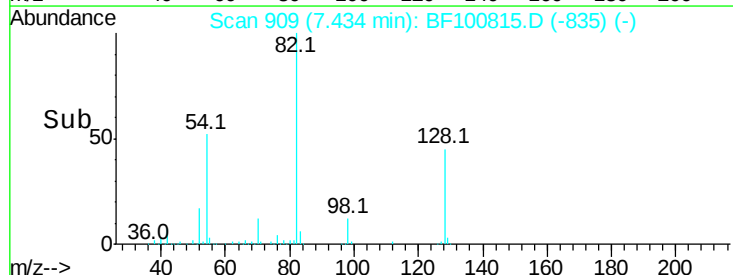
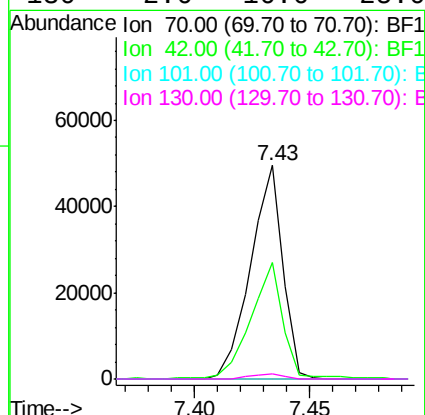
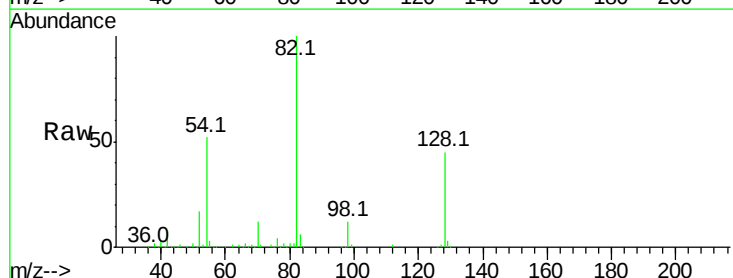
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

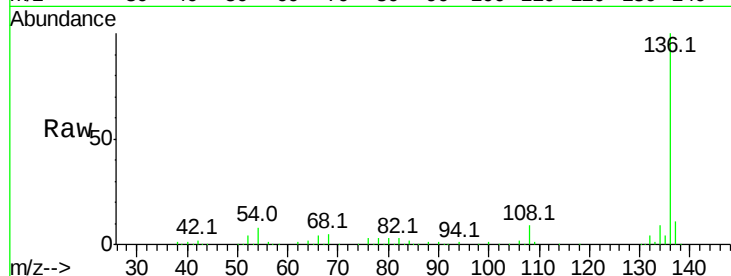




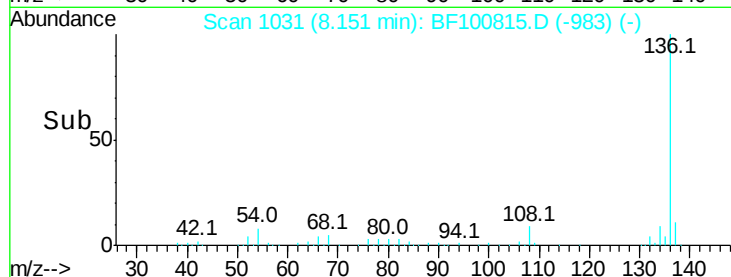
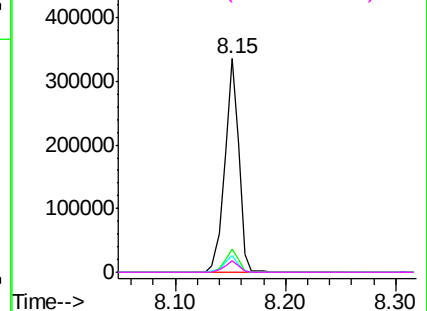
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	295693
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	5.4	5.0	7.4

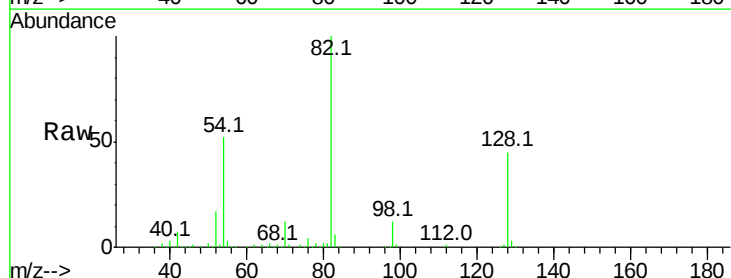


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

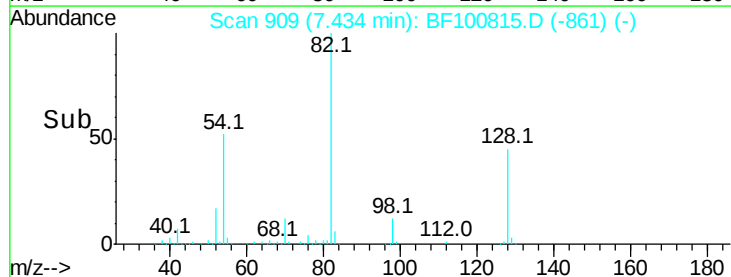
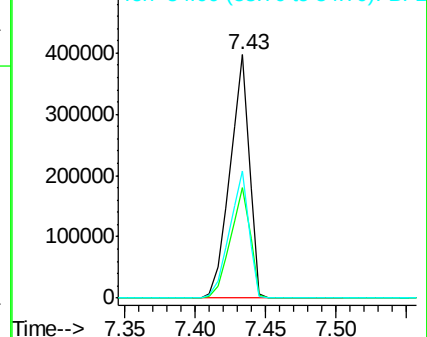


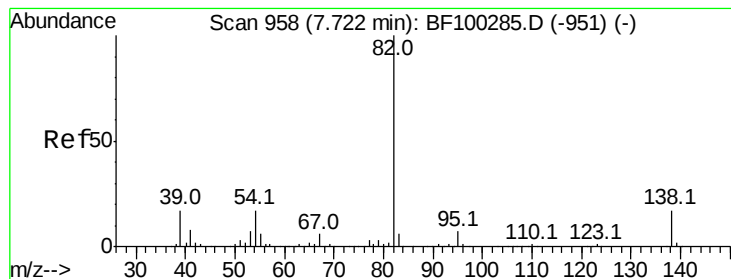
#23
Nitrobenzene-d5
Concen: 84.753 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

Tgt Ion:	82	Resp:	379060
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	52.5	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: 40.331 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

Instrument :

BNA_F

ClientSampled :

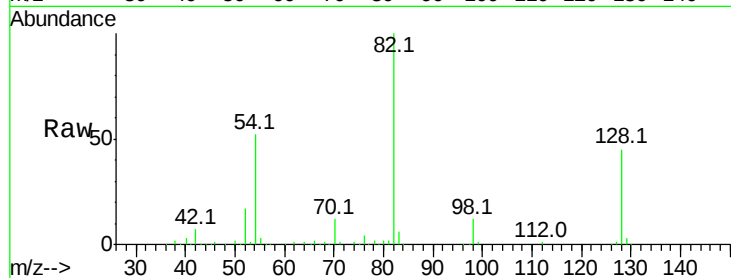
Tot Ion: 82 Resp: 379056

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

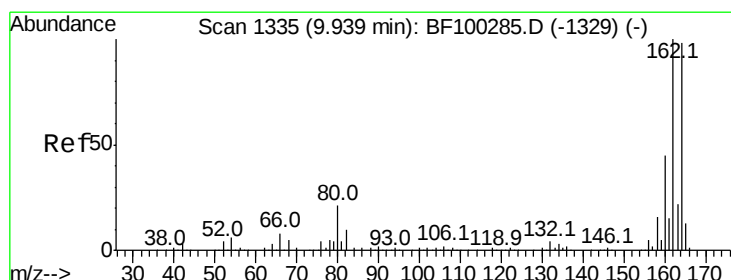
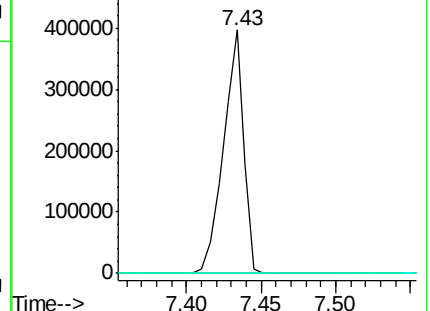
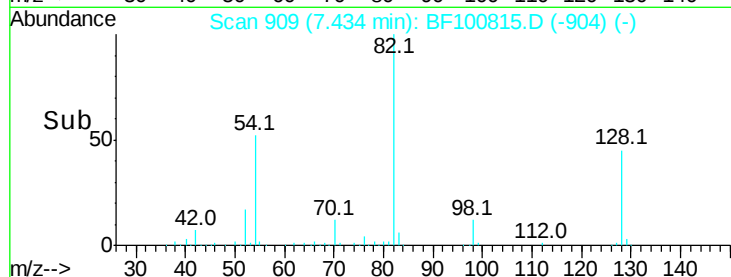
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

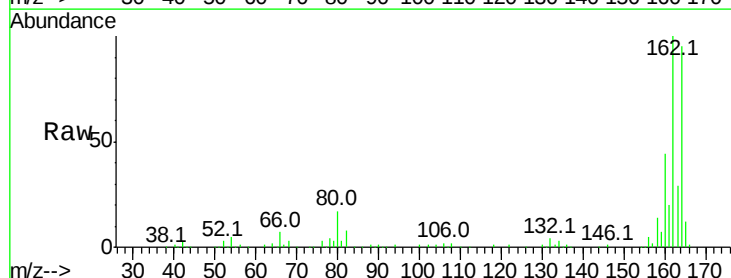
Tgt Ion:164 Resp: 141662

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

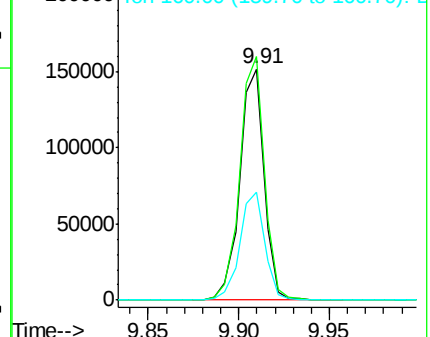
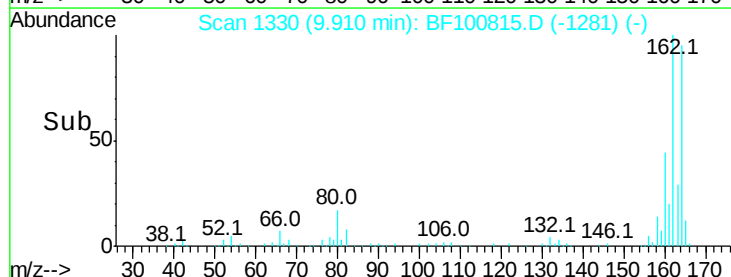
160 46.7 38.3 57.5



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

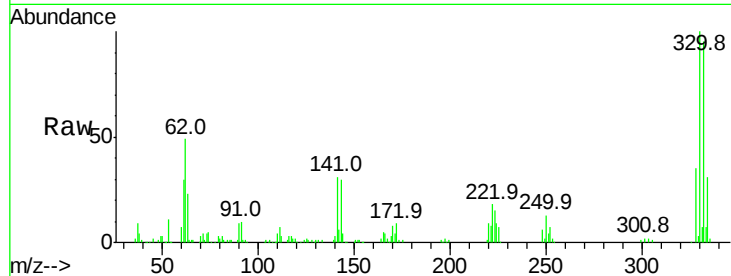




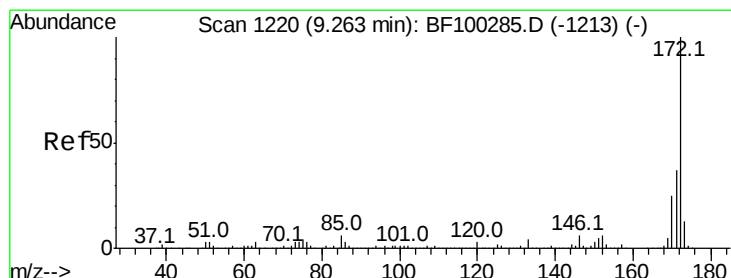
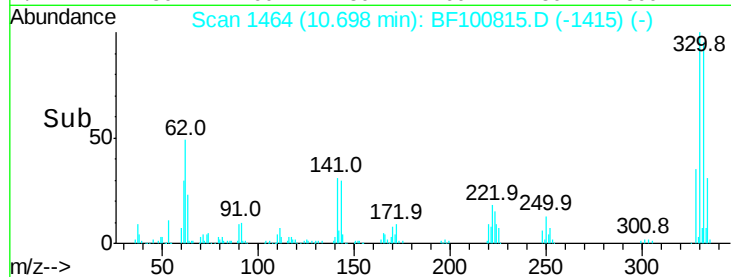
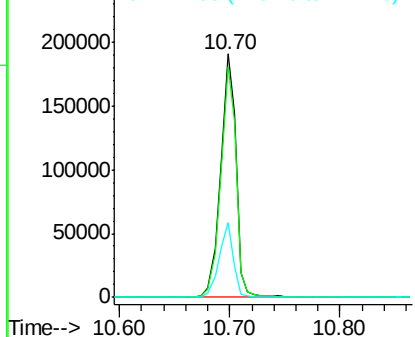
#41
 2,4,6-Tribromophenol
 Concen: 129.161 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 186449
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 28.1 29.9 44.9#

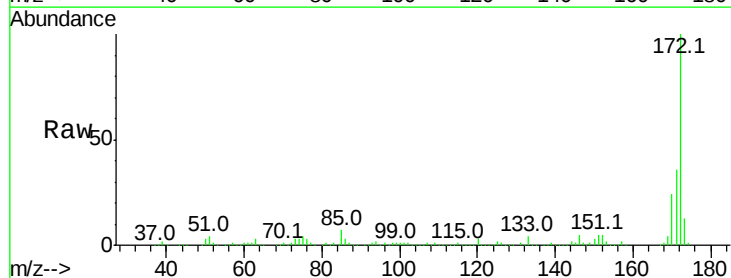


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

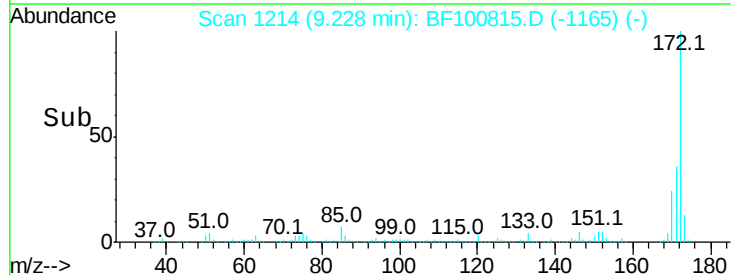
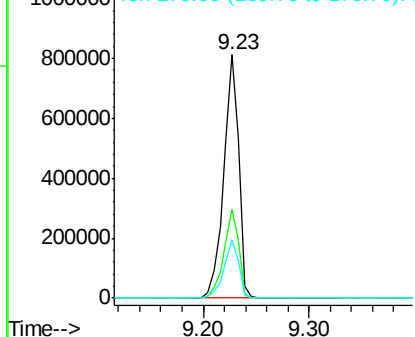


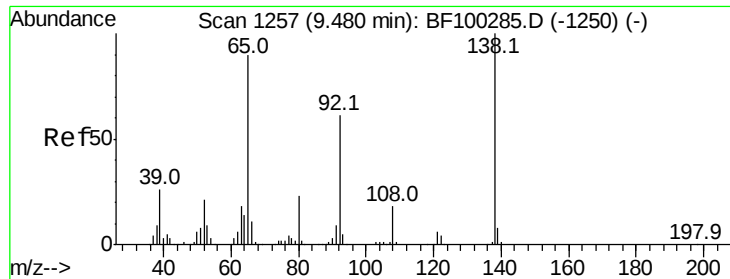
#44
 2-Fluorobiphenyl
 Concen: 86.329 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Tgt Ion:172 Resp: 803143
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 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: 3.175 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.24 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

Instrument :

BNA_F

ClientSampled :

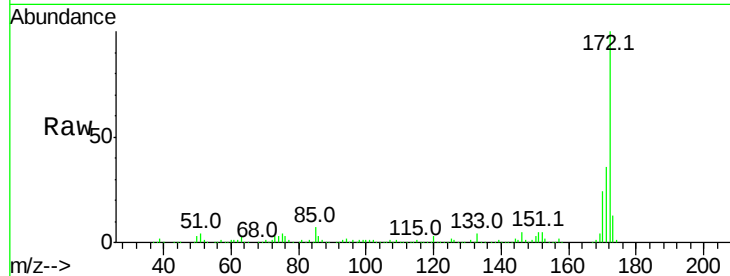
Tot Ion: 65 Resp: 1090

Ion Ratio Lower Upper

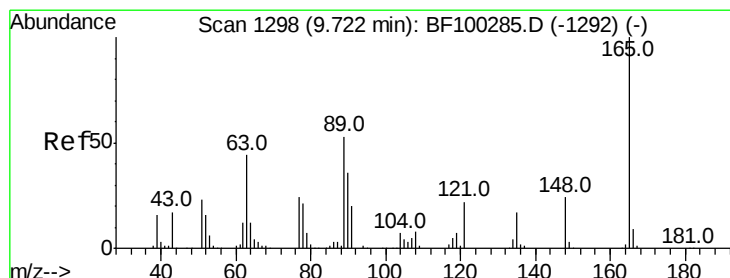
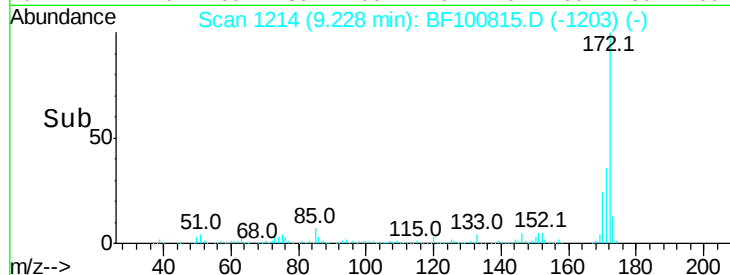
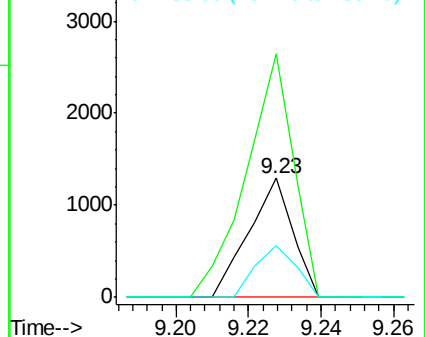
65 100

92 203.9 55.8 83.6#

138 43.3 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: 8.443 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100815.D

Acq: 22 Nov 2017 10:09

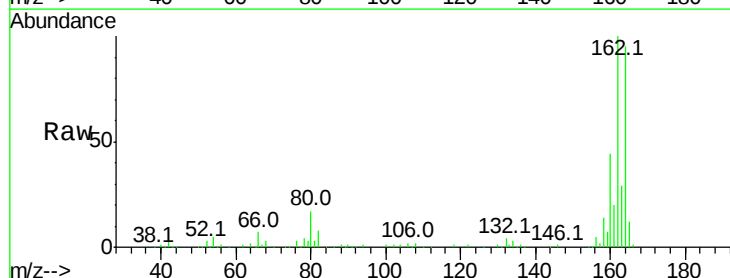
Tgt Ion:165 Resp: 18076

Ion Ratio Lower Upper

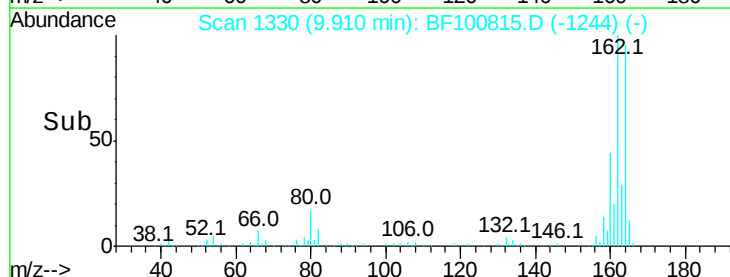
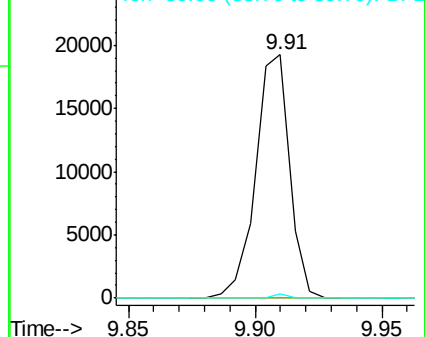
165 100

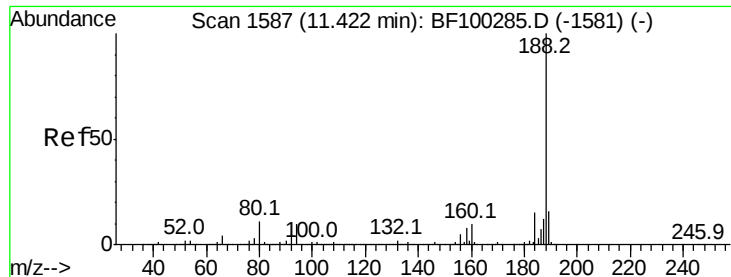
63 0.0 44.7 67.1#

89 1.6 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

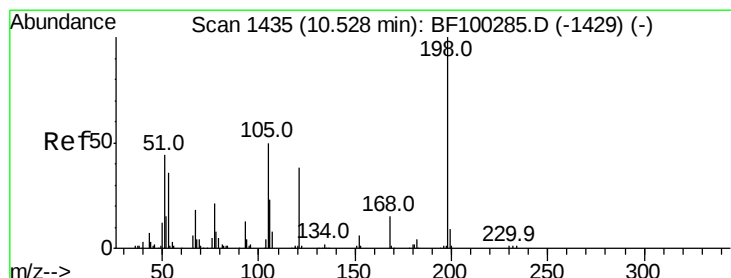
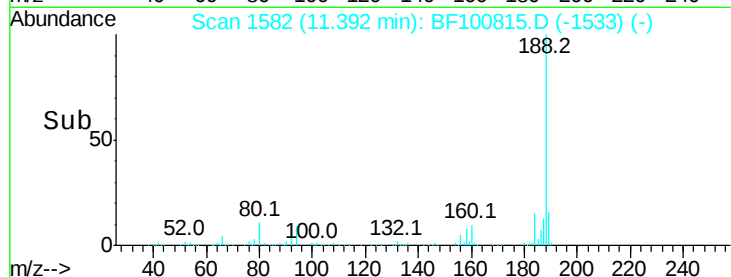
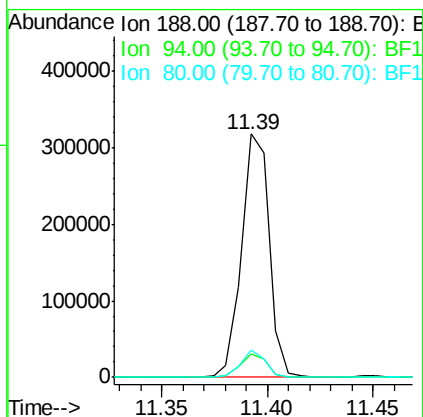
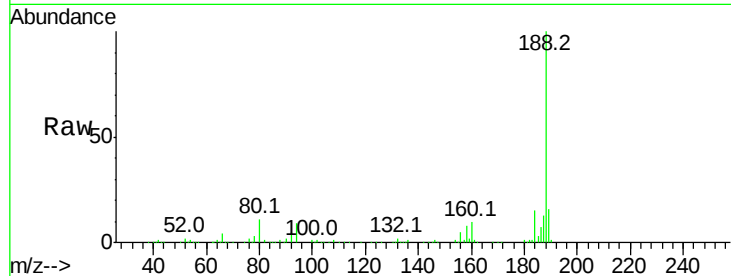




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

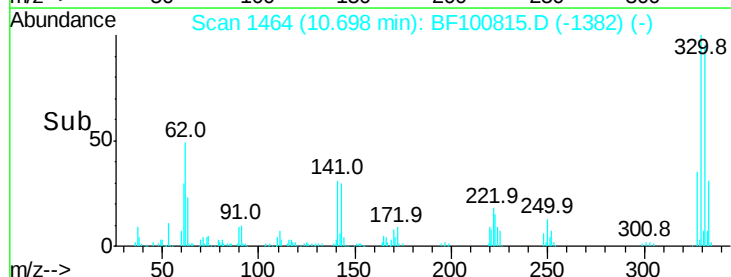
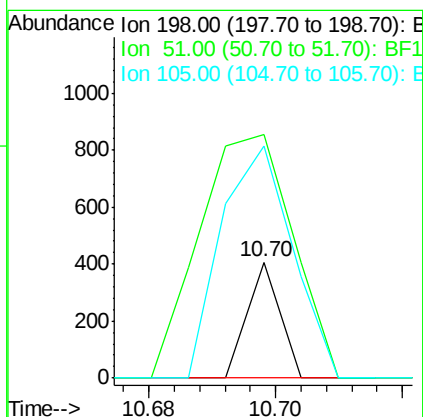
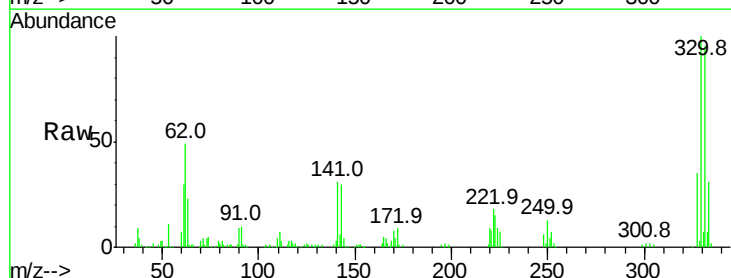
Instrument :
BNA_F
ClientSampleId :

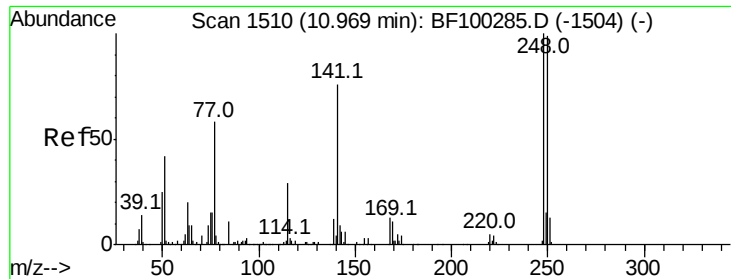
Tot Ion:188 Resp: 288941
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.651 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100815.D
Acq: 22 Nov 2017 10:09

Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 209.6 37.7 77.7#
105 199.3 36.3 76.3#

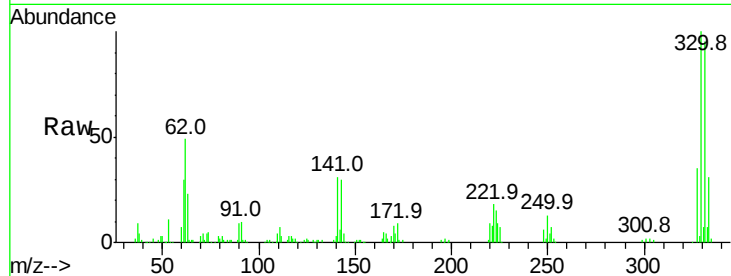




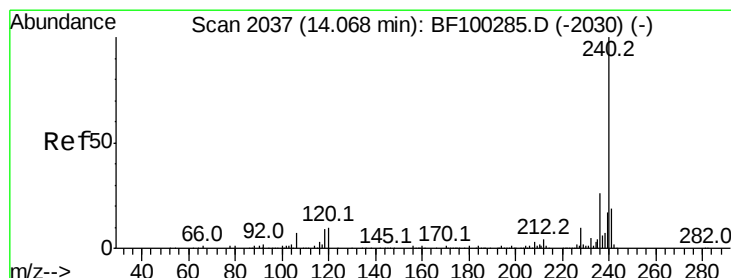
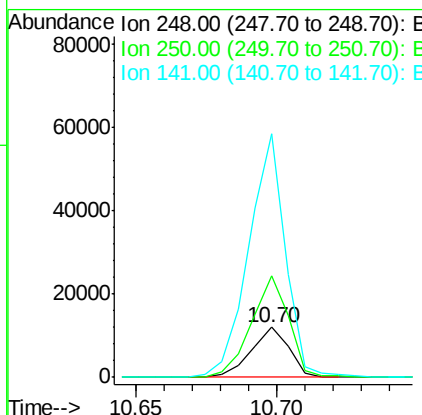
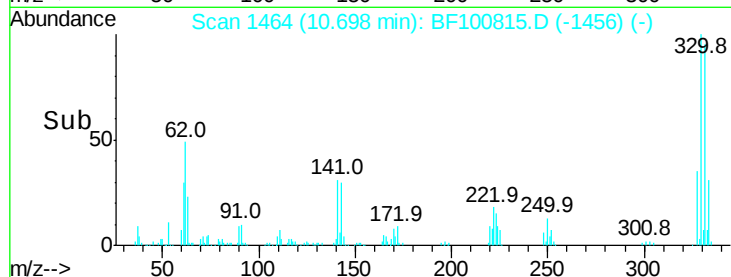
#66
 4-Bromophenyl-phenylether
 Concen: 3.612 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11187
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 484.4 74.4 111.6#

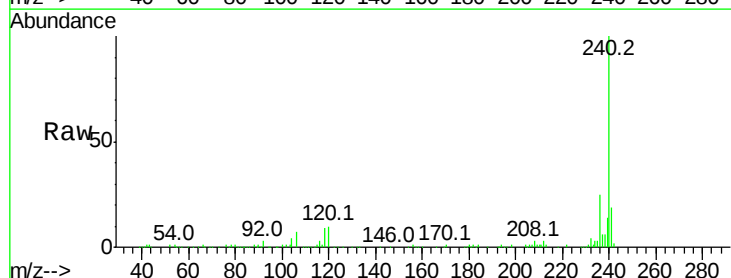


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

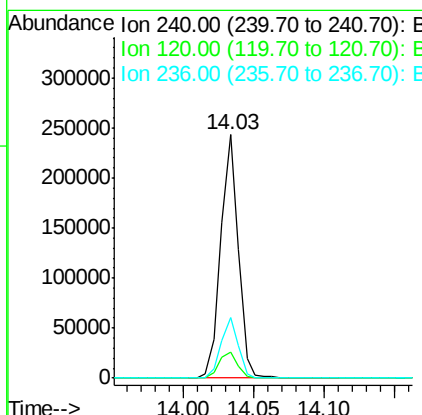
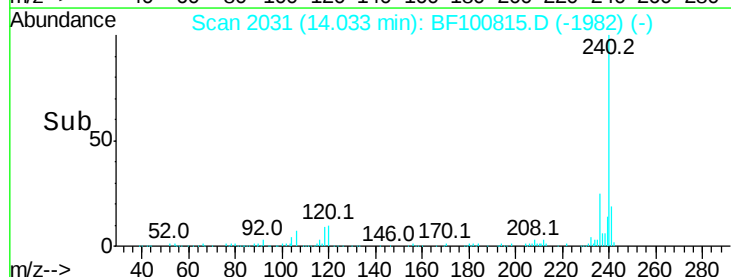


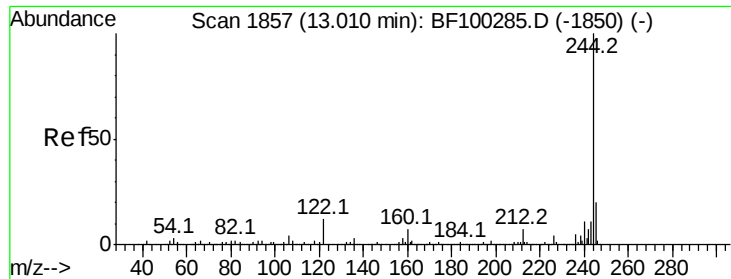
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Tgt Ion:240 Resp: 212008
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 24.8 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

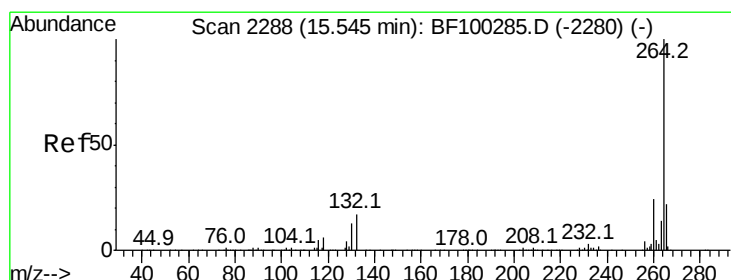
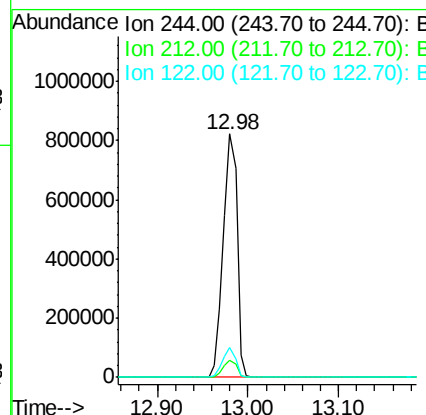
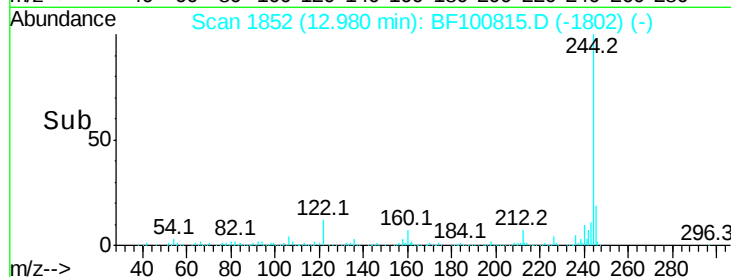
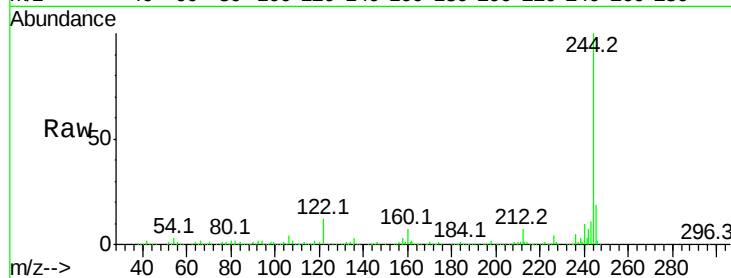




#78
 Terphenyl-d14
 Concen: 93.385 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 861659
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100815.D
 Acq: 22 Nov 2017 10:09

Tgt Ion:264 Resp: 176895
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.5 26.3

