

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100621.D
 Acq On : 16 Nov 2017 10:51
 Operator : SJ/JU
 Sample : PB104248BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

Quant Time: Nov 16 12:24:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	78973	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	306001	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	144270	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293153	20.00	ng	0.00
75) Chrysene-d12	14.03	240	236517	20.00	ng	-0.01
86) Perylene-d12	15.51	264	168442	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	601433	122.08	ng	0.00
7) Phenol-d6	6.50	99	714543	117.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	449787	97.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	180846	123.02	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	896852	94.66	ng	0.00
78) Terphenyl-d14	12.99	244	913537	88.75	ng	0.00

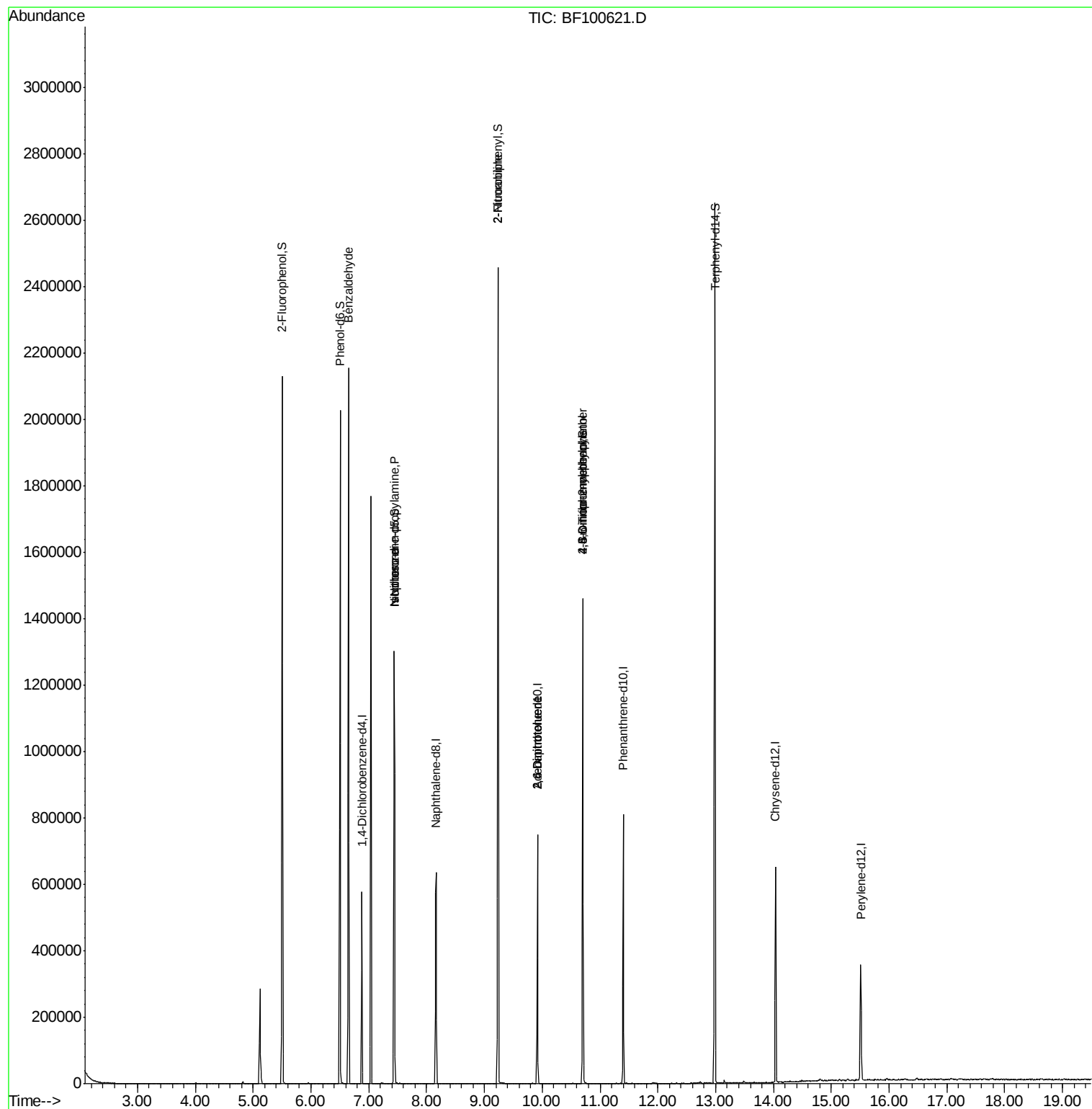
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	12518	2.885	ng	82
19) n-Nitroso-di-n-propylamine	7.44	70	56972	13.522	ng	# 81
25) Isophorone	7.44	82	448896	46.153	ng	# 64
47) 2-Nitroaniline	9.23	65	1339	3.255	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	18665	8.560	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18665	6.786	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	291	8.731	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11468	3.649	ng	# 1

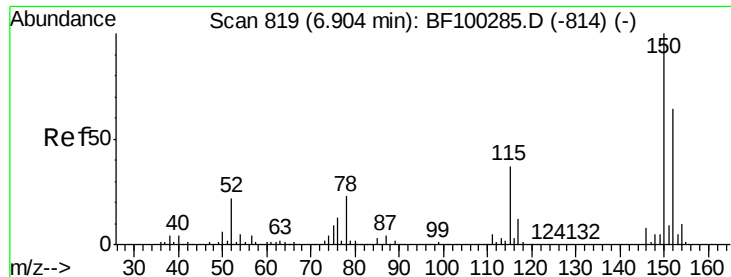
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100621.D
Acq On : 16 Nov 2017 10:51
Operator : SJ/JU
Sample : PB104248BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104248BL

Quant Time: Nov 16 12:24:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration



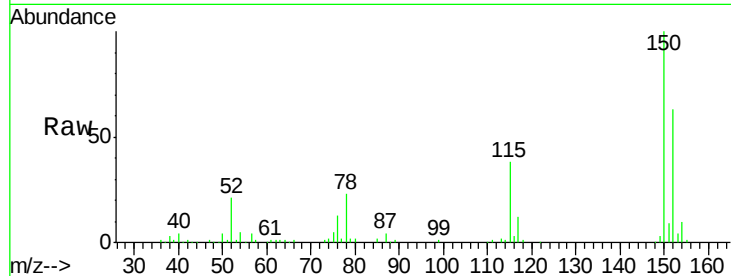


#1

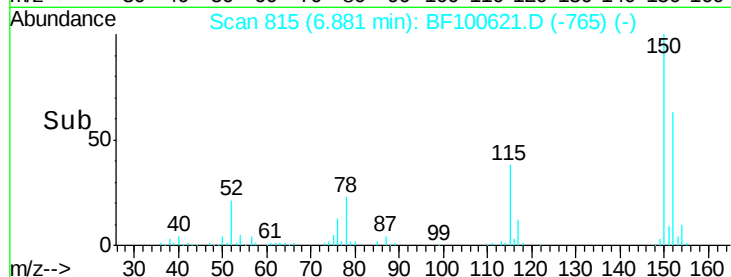
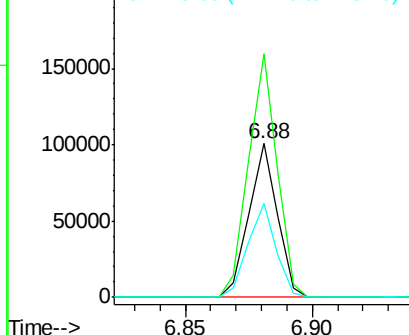
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

Instrument :
BNA_F
ClientSampleId :
PB104248BL

Tgt Ion:152 Resp: 78973
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.7 50.1 75.1



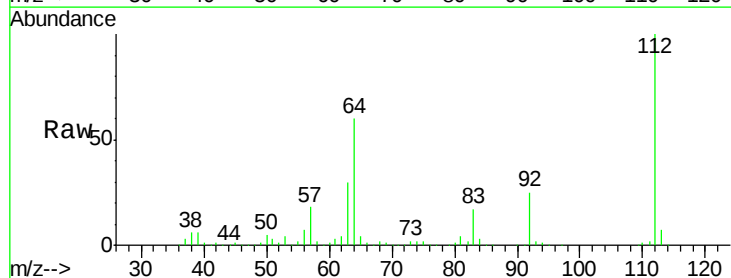
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



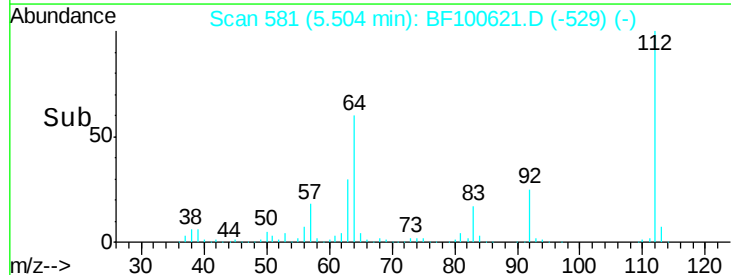
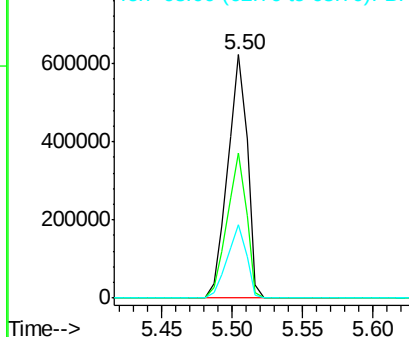
#5

2-Fluorophenol
Concen: 122.078 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

Tgt Ion:112 Resp: 601433
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.1 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: 117.617 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100621.D

Acq: 16 Nov 2017 10:51

Instrument :

BNA_F

ClientSampleId :

PB104248BL

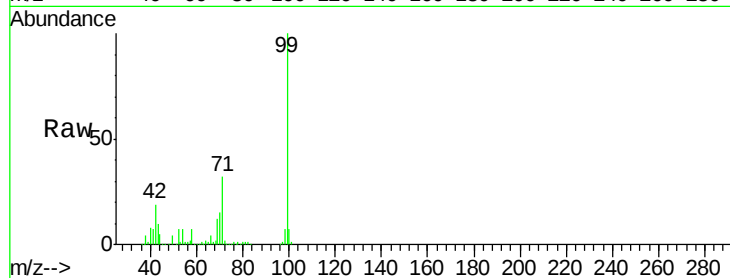
Tgt Ion: 99 Resp: 714543

Ion Ratio Lower Upper

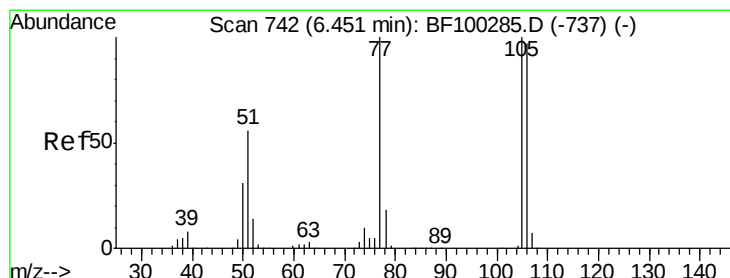
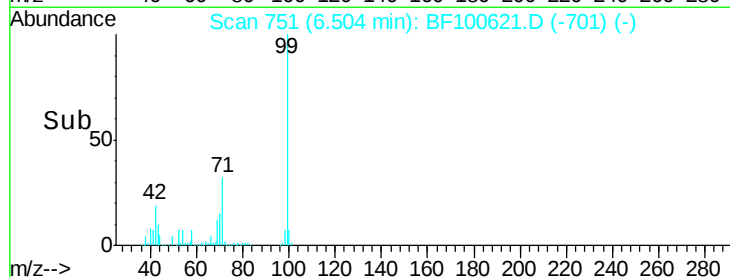
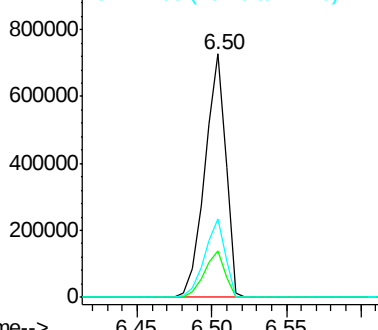
99 100

42 19.2 14.5 21.7

71 32.4 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



#9

Benzaldehyde

Concen: 2.885 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.21 min

Lab File: BF100621.D

Acq: 16 Nov 2017 10:51

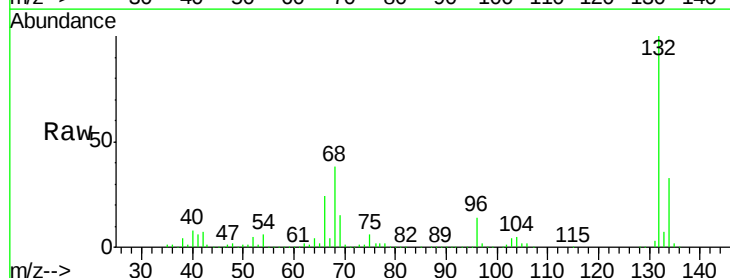
Tgt Ion: 77 Resp: 12518

Ion Ratio Lower Upper

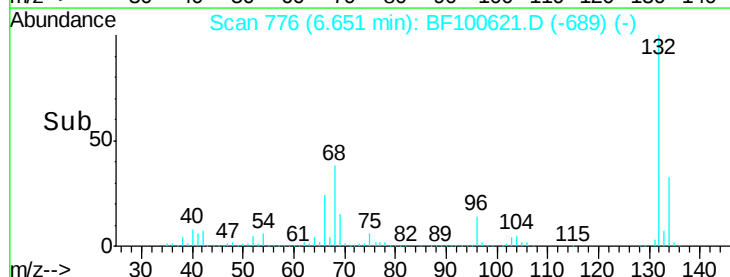
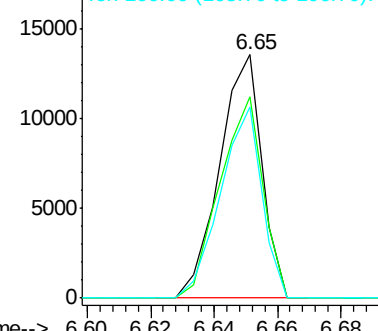
77 100

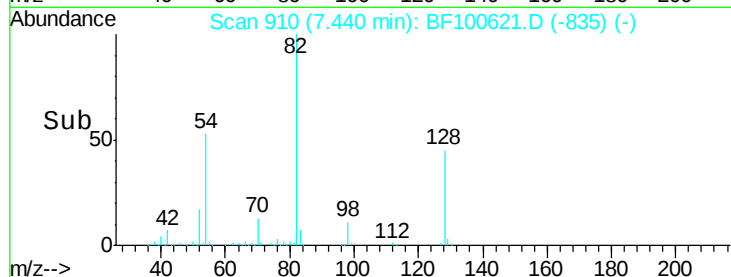
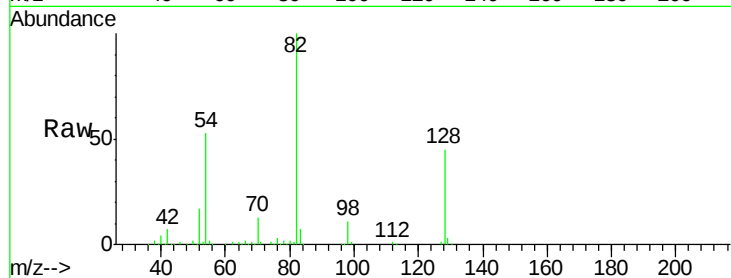
105 82.7 81.1 121.1

106 78.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.522 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100621.D

Acq: 16 Nov 2017 10:51

Instrument :

BNA_F

ClientSampleId :

PB104248BL

Tgt Ion: 70 Resp: 56972

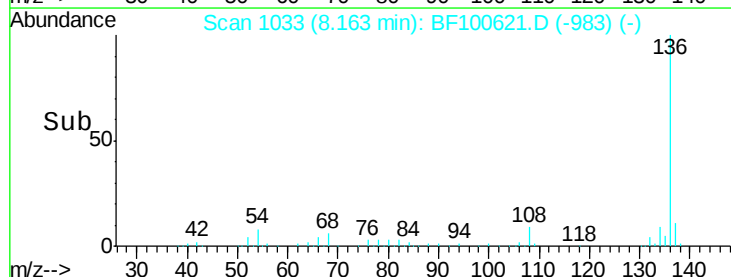
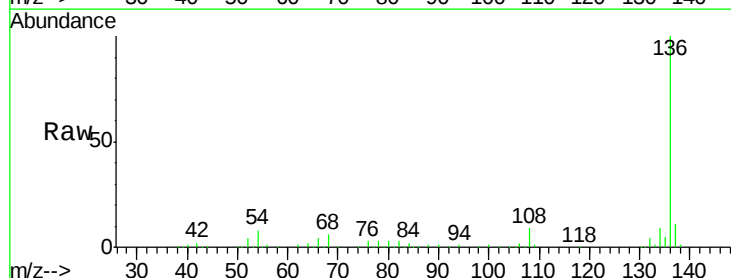
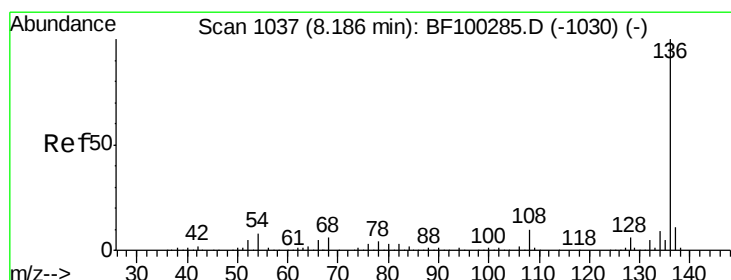
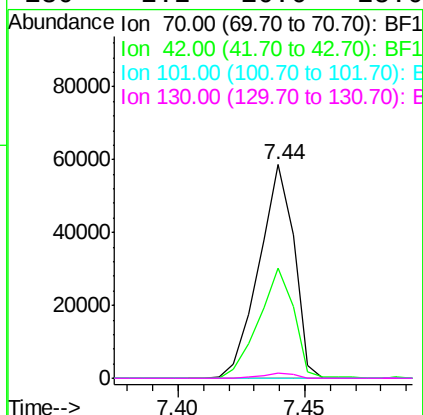
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100621.D

Acq: 16 Nov 2017 10:51

Tgt Ion: 136 Resp: 306001

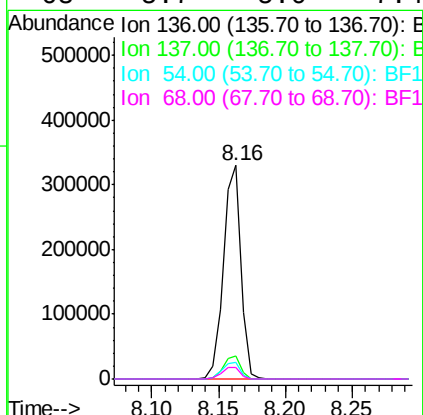
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4

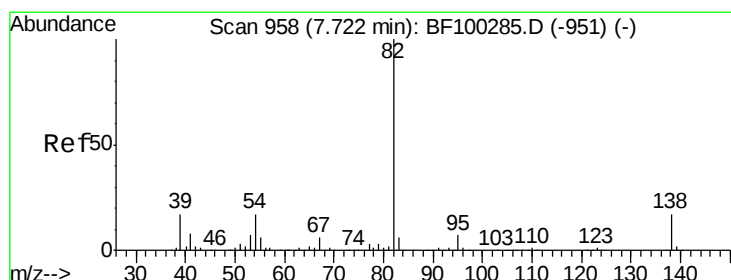
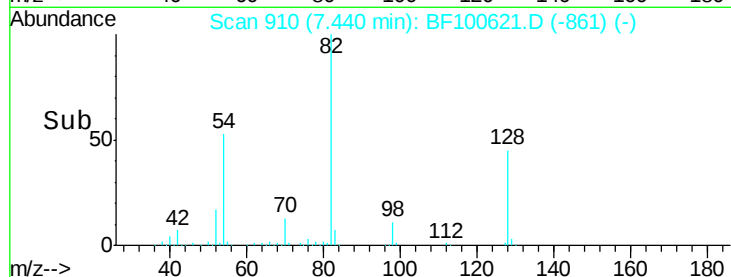
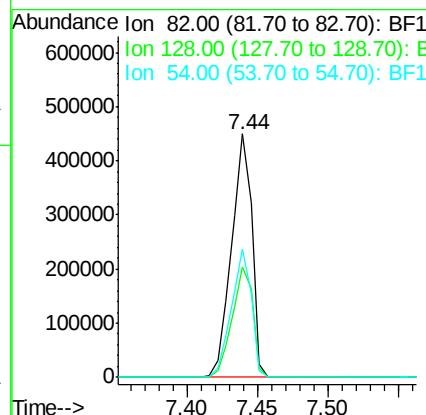
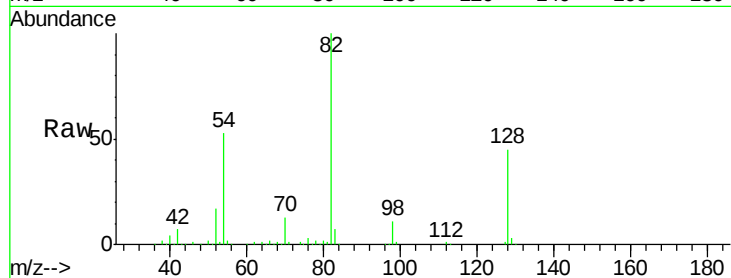




#23
 Nitrobenzene-d5
 Concen: 97.179 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

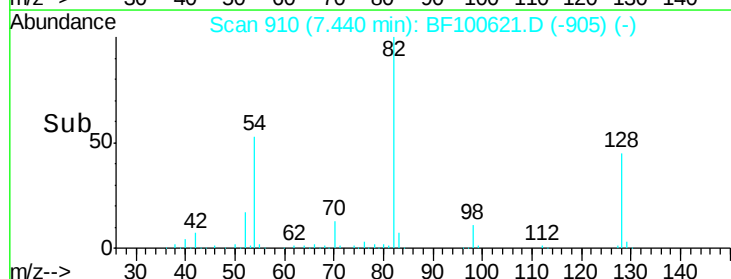
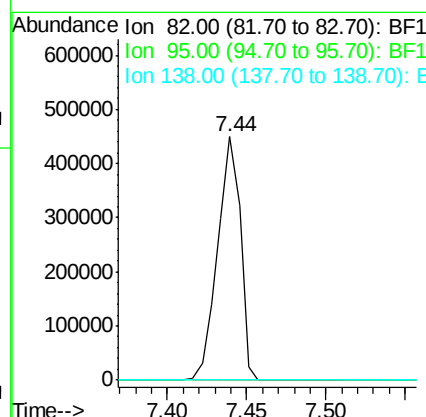
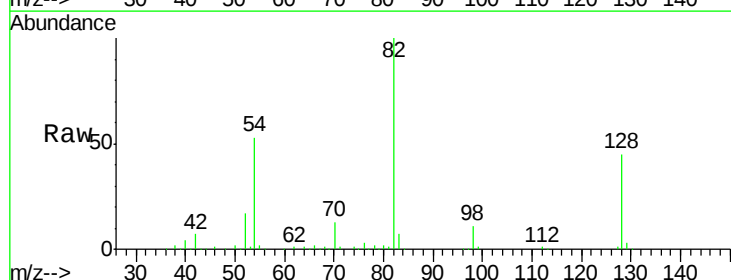
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

Tgt Ion: 82 Resp: 449787
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 52.6 41.4 62.2



#25
 Isophorone
 Concen: 46.153 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Tgt Ion: 82 Resp: 448896
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

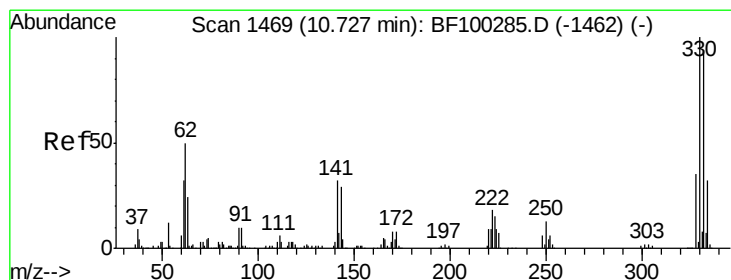
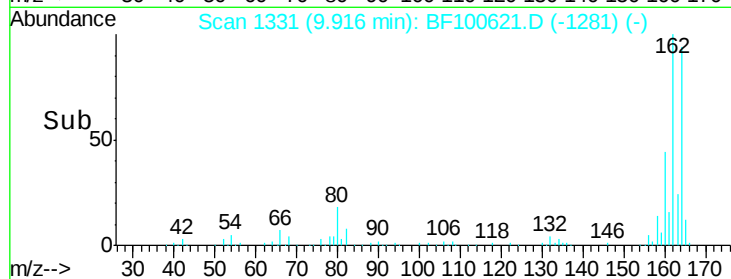
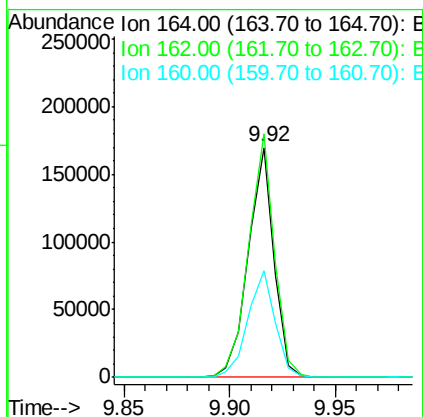
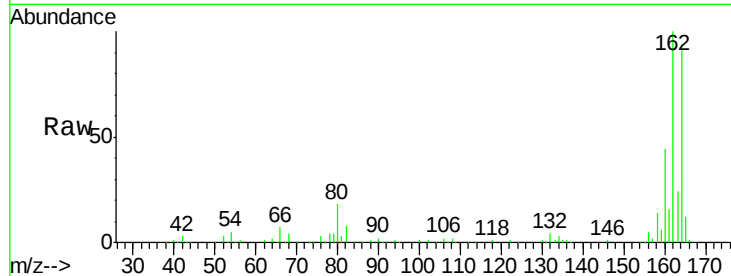




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

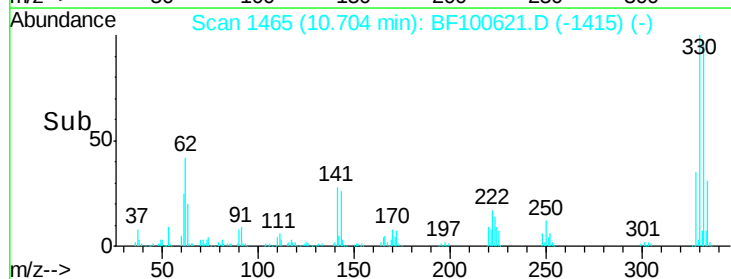
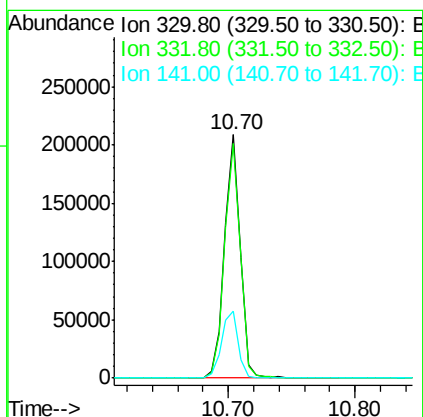
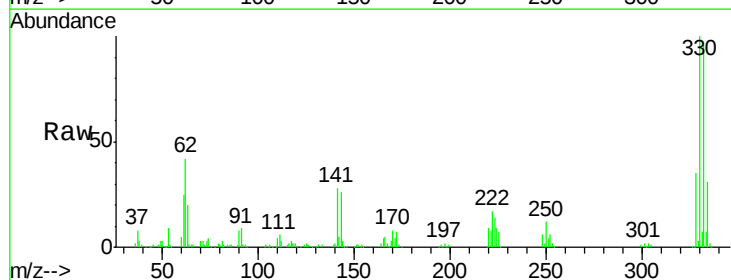
Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

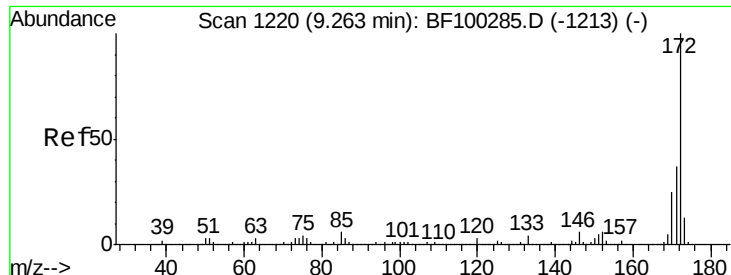
Tgt Ion:164 Resp: 144270
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 123.015 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Tgt Ion:330 Resp: 180846
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.3 29.9 44.9#

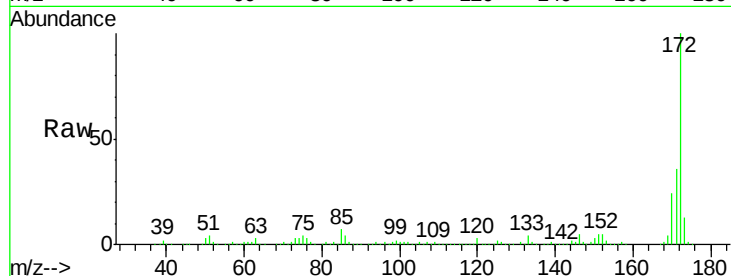




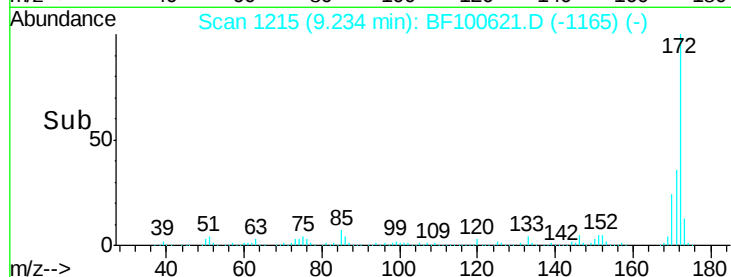
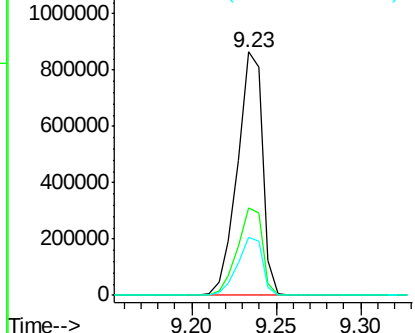
#44
 2-Fluorobiphenyl
 Concen: 94.659 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

Tgt Ion: 172 Resp: 896852
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4

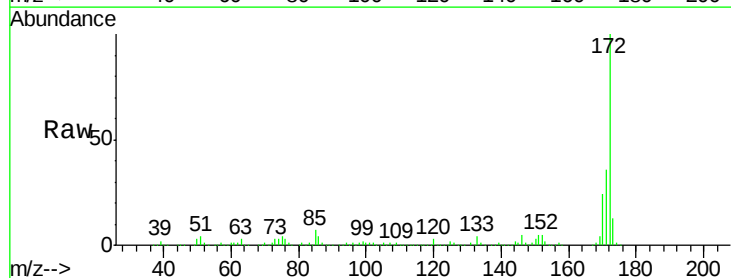


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

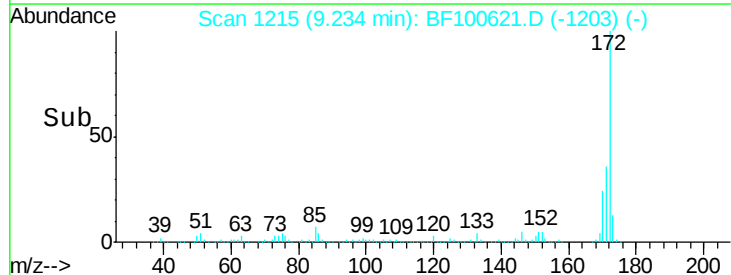
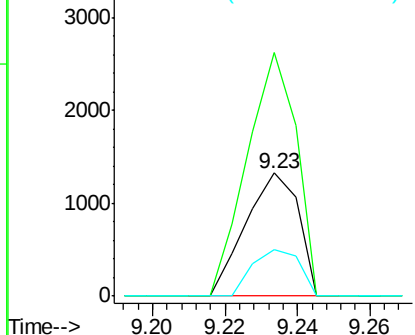


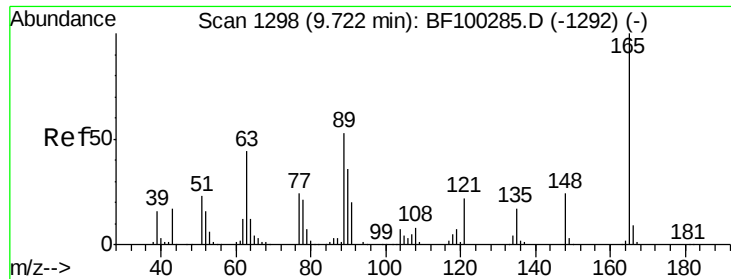
#47
 2-Nitroaniline
 Concen: 3.255 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Tgt Ion: 65 Resp: 1339
 Ion Ratio Lower Upper
 65 100
 92 197.7 55.8 83.6#
 138 37.9 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): E

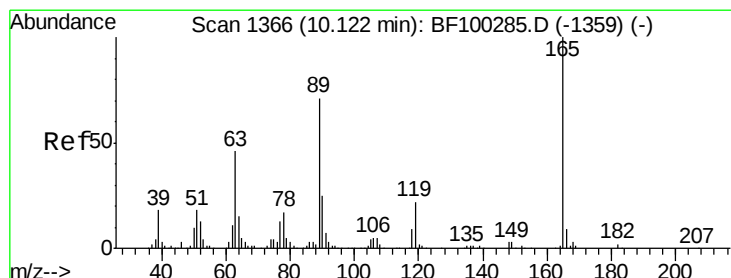
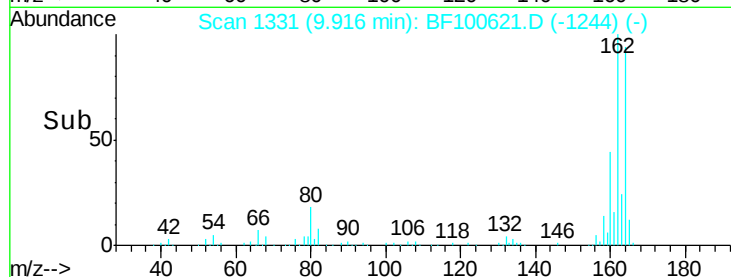
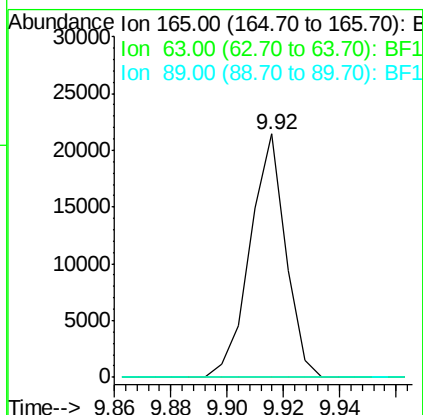
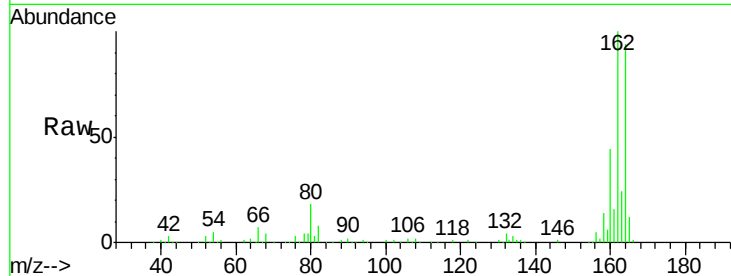




#50
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

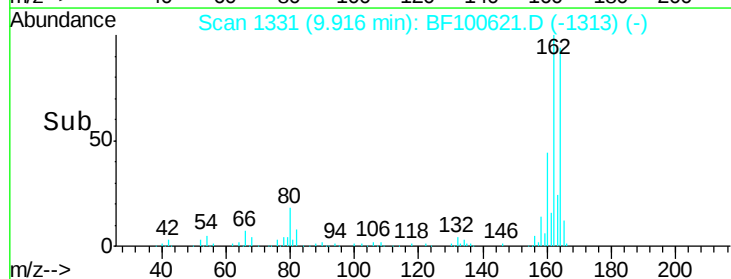
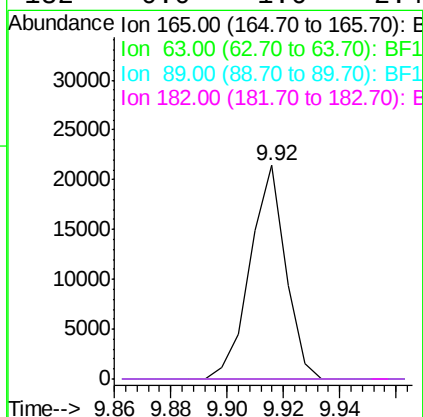
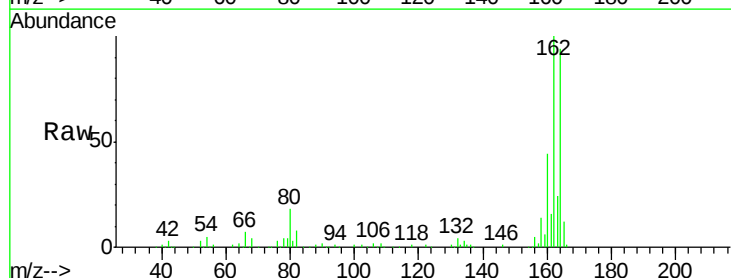
Instrument :
BNA_F
ClientSampleId :
PB104248BL

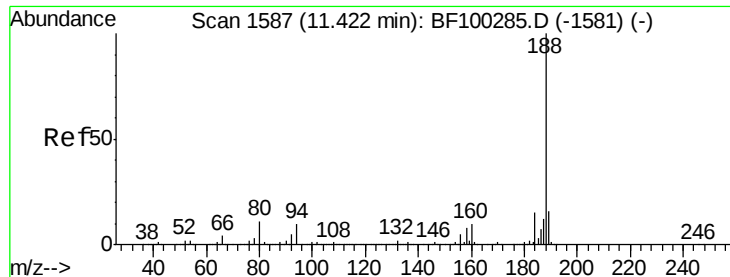
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

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#

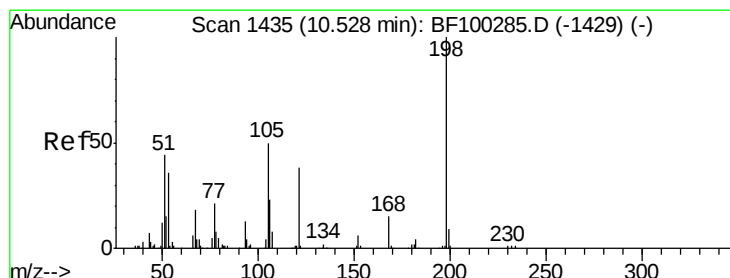
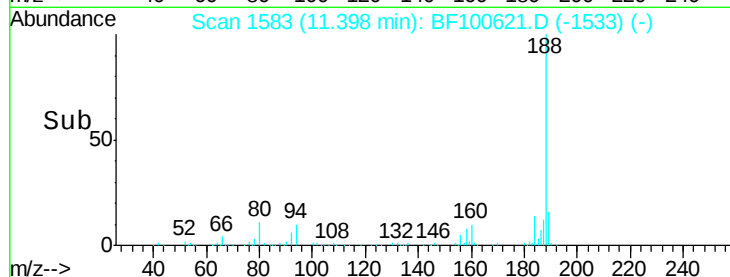
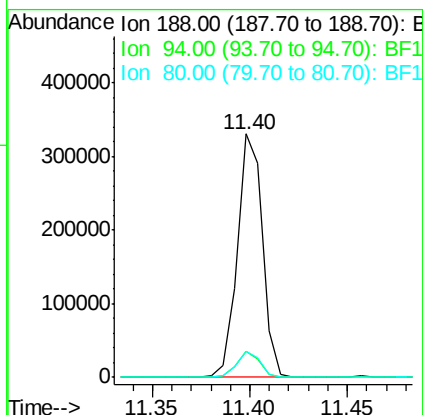
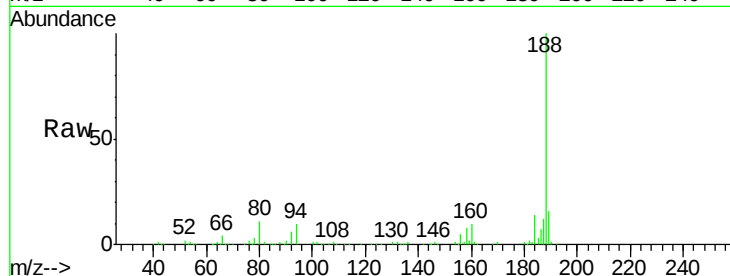




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

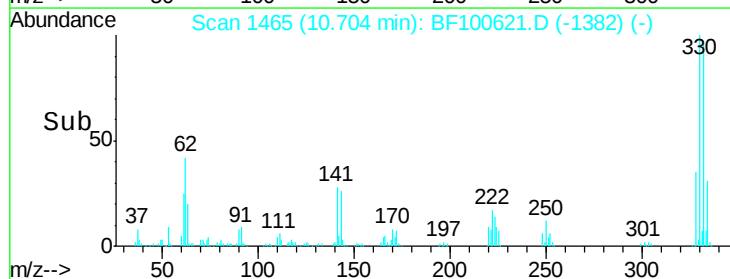
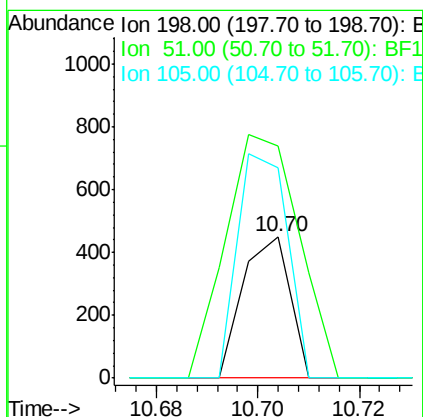
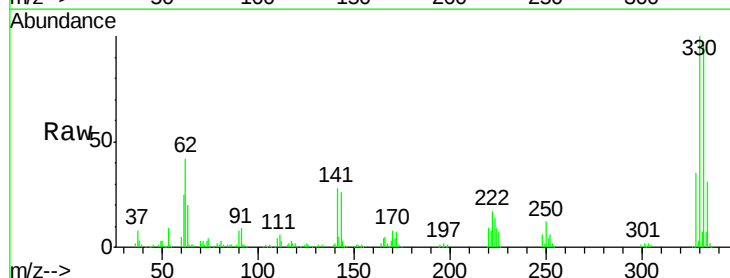
Instrument :
BNA_F
ClientSampleId :
PB104248BL

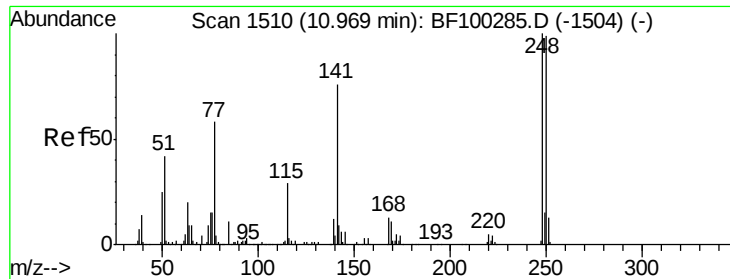
Tgt Ion:188 Resp: 293153
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.731 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100621.D
Acq: 16 Nov 2017 10:51

Tgt Ion:198 Resp: 291
Ion Ratio Lower Upper
198 100
51 163.9 37.7 77.7#
105 148.3 36.3 76.3#

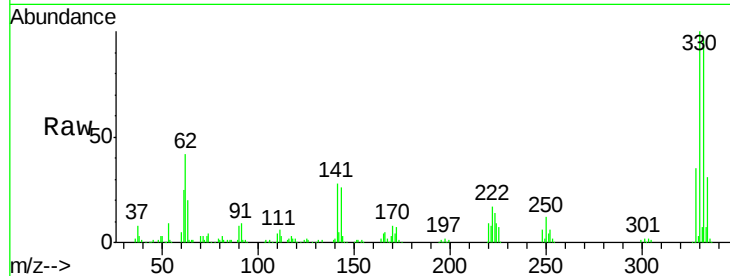




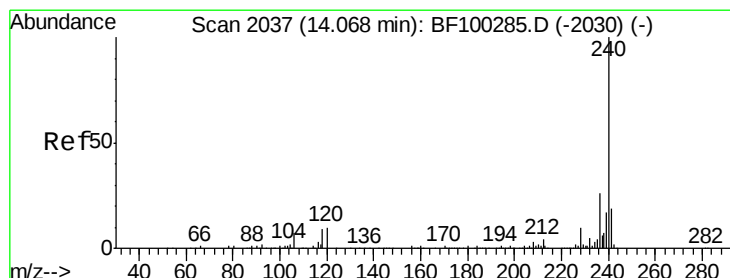
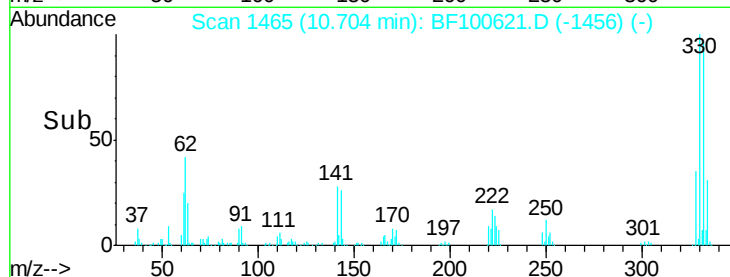
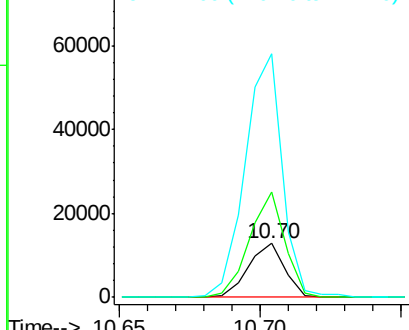
#66
 4-Bromophenyl-phenylether
 Concen: 3.649 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

Tgt Ion:248 Resp: 11468
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 450.9 74.4 111.6#

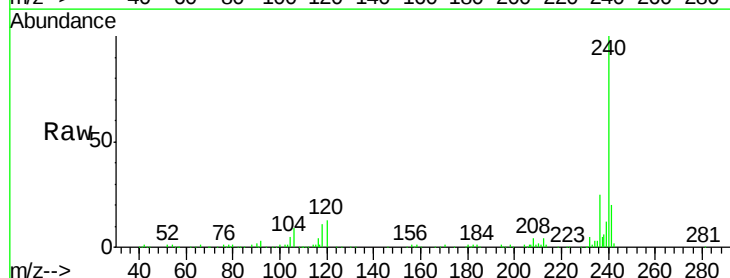


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

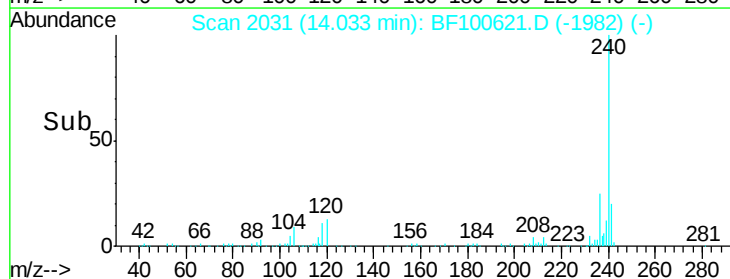
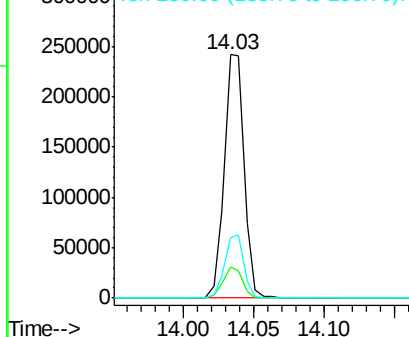


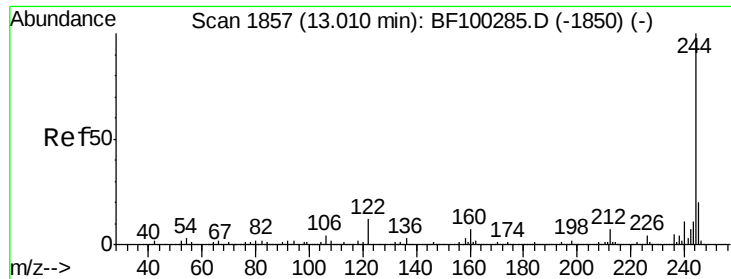
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Tgt Ion:240 Resp: 236517
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 24.7 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

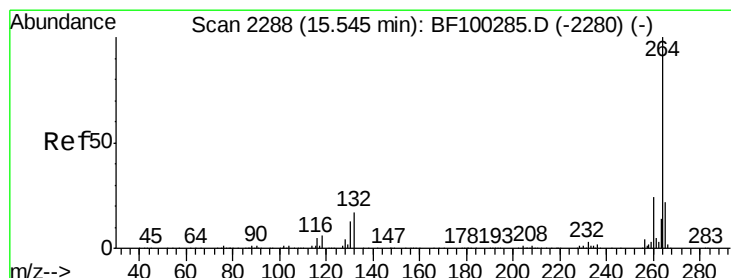
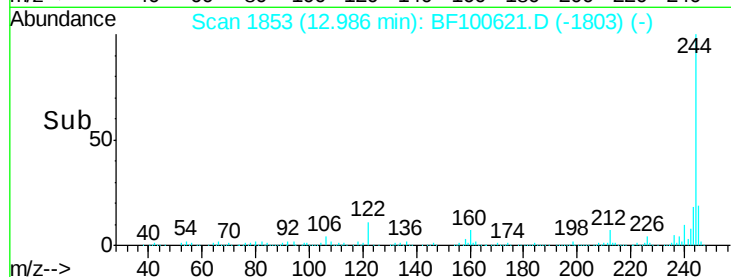
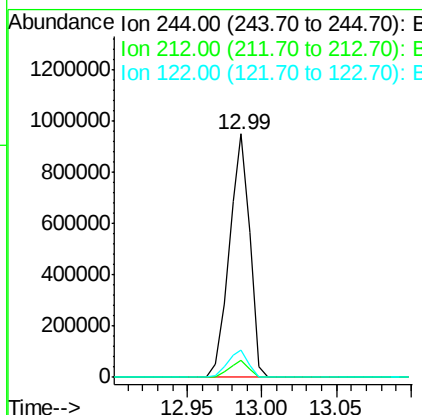
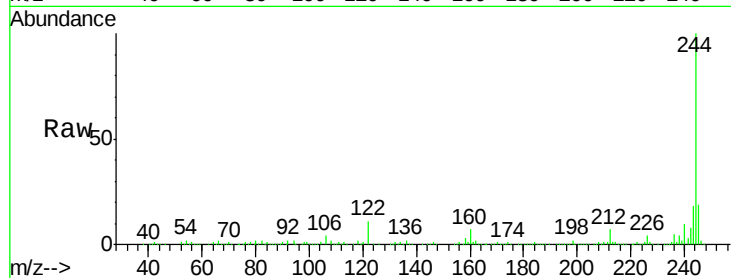




#78
 Terphenyl-d14
 Concen: 88.748 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100621.D
 Acq: 16 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB104248BL

Tgt Ion: 244 Resp: 913537
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 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: BF100621.D
 Acq: 16 Nov 2017 10:51

Tgt Ion: 264 Resp: 168442
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 17.5 26.3

