

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100670.D
 Acq On : 17 Nov 2017 12:08
 Operator : SJ/JU
 Sample : I6476-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 15:31:59 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

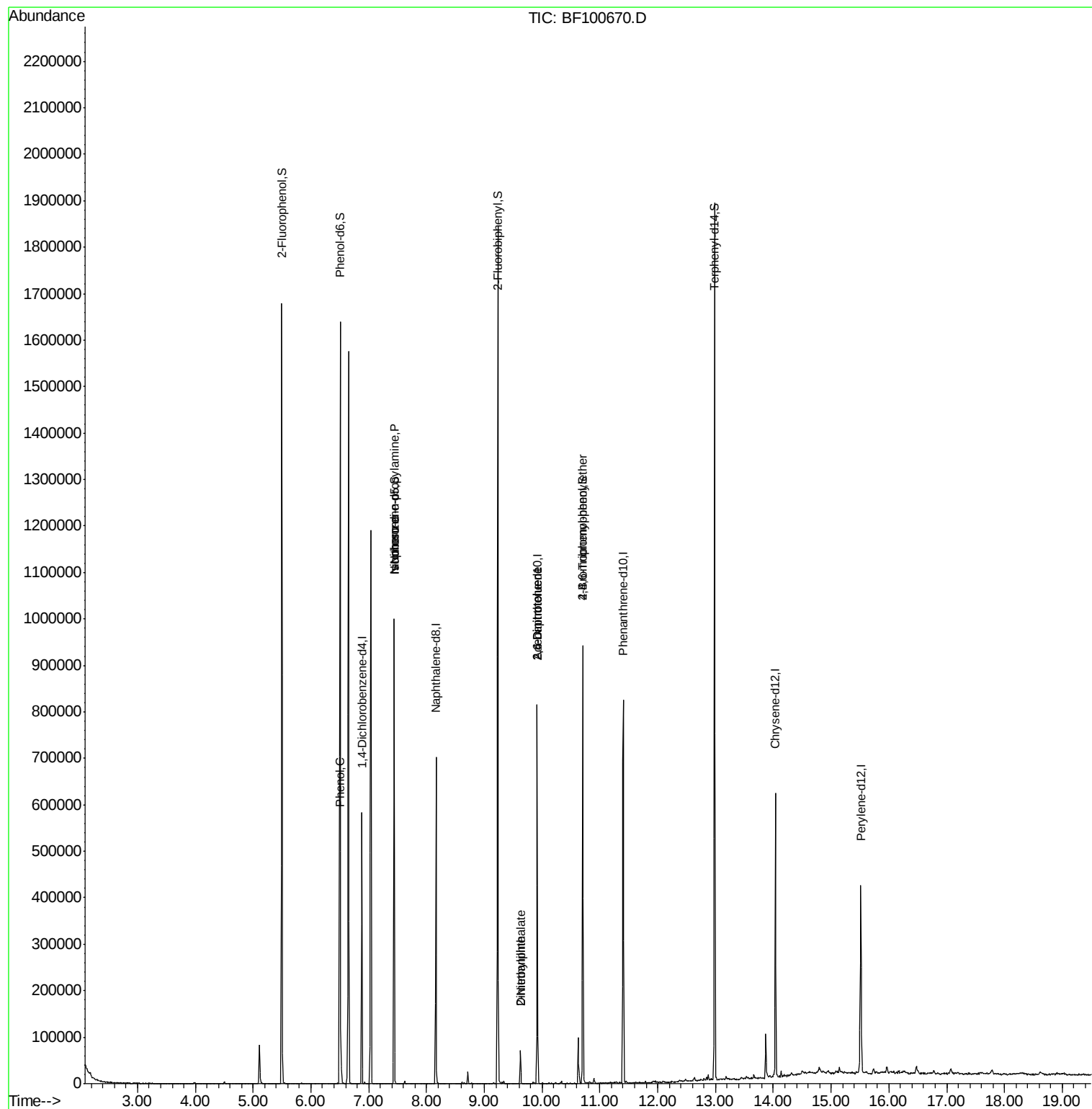
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80917	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	322424	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	154213	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305660	20.00	ng	0.00
75) Chrysene-d12	14.04	240	200795	20.00	ng	0.00
86) Perylene-d12	15.52	264	198503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	459081	90.95	ng	0.00
7) Phenol-d6	6.50	99	551296	88.57	ng	0.00
23) Nitrobenzene-d5	7.44	82	325448	66.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	115594	73.56	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	627314	61.94	ng	0.00
78) Terphenyl-d14	12.99	244	630311	72.13	ng	0.00
Target Compounds						
10) Phenol	6.52	94	29769	4.556	ng	92
19) n-Nitroso-di-n-propylamine	7.44	70	41831	9.690	ng	# 77
25) Isophorone	7.44	82	325444	31.756	ng	# 64
47) 2-Nitroaniline	9.62	65	108	2.819	ng	# 1
49) Dimethylphthalate	9.63	163	29407	2.498	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	19427	8.335	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	19427	6.607	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	7452	2.274	ng	# 1

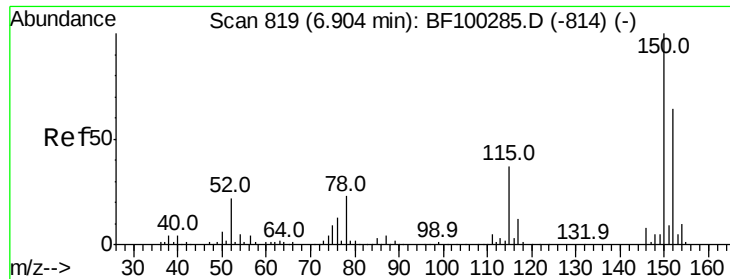
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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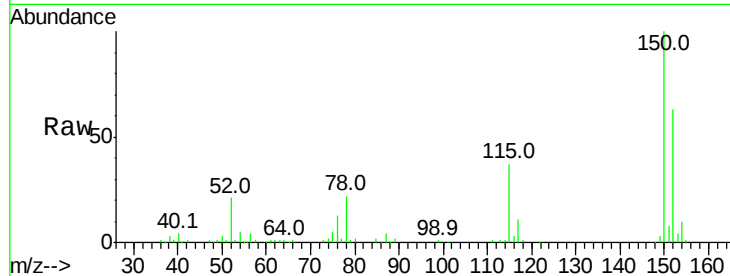


#1

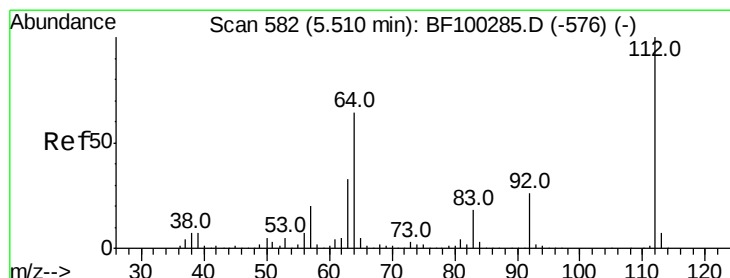
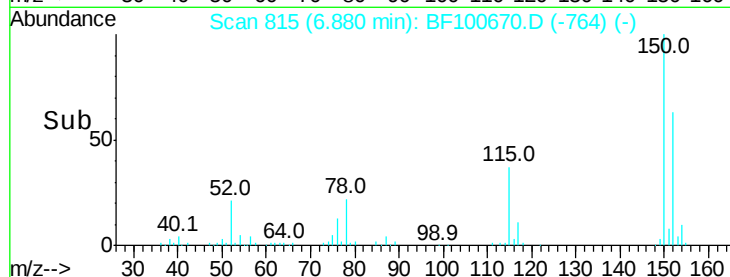
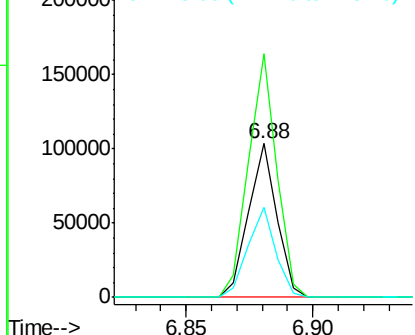
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 80917
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 58.9 50.1 75.1



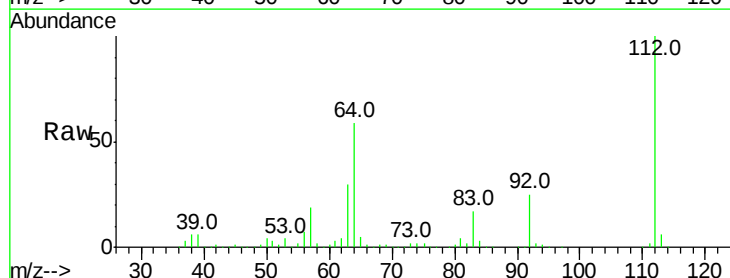
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



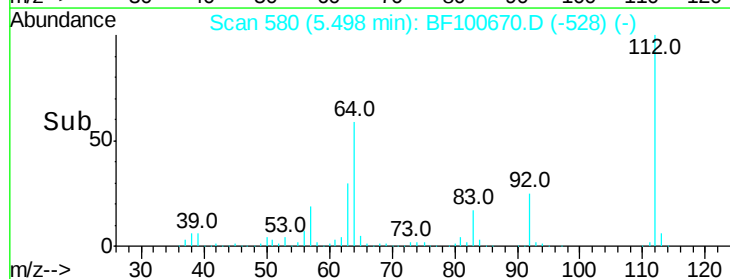
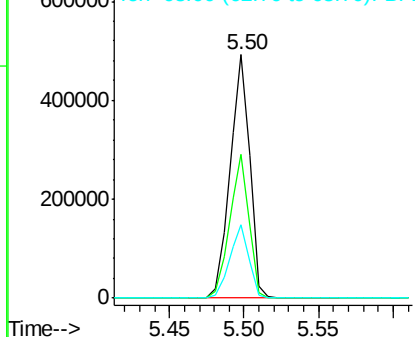
#5

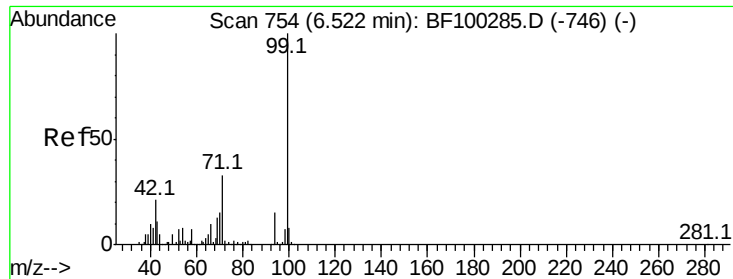
2-Fluorophenol
Concen: 90.945 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Tgt Ion:112 Resp: 459081
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.4 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: 88.566 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100670.D

Acq: 17 Nov 2017 12:08

Instrument :

BNA_F

ClientSampleId :

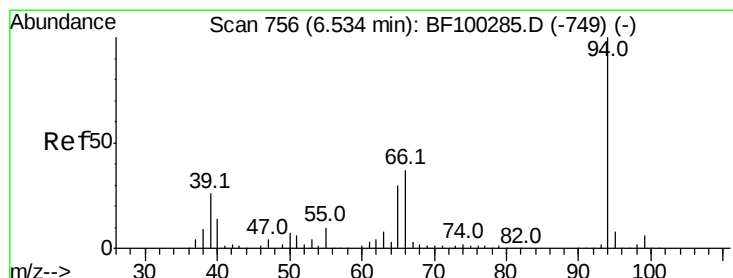
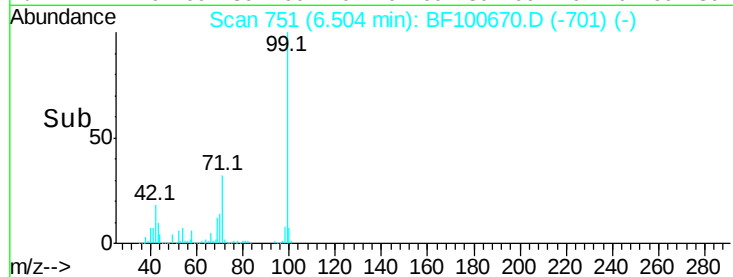
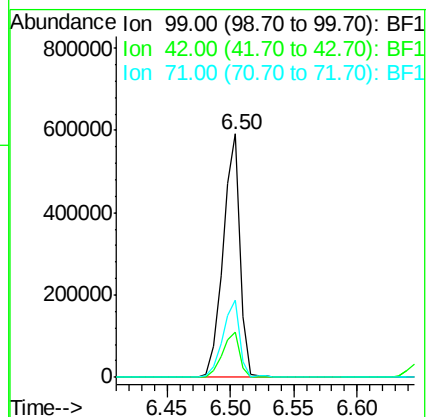
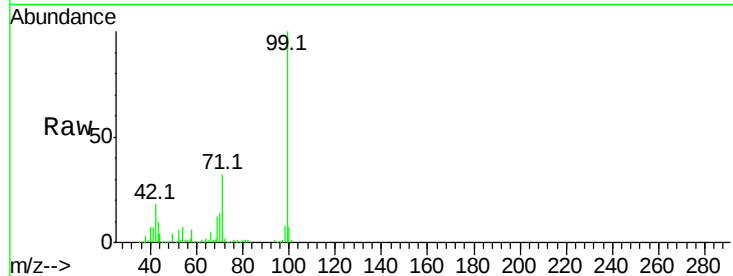
Tot Ion: 99 Resp: 551296

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.8 25.4 38.0



#10

Phenol

Concen: 4.556 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100670.D

Acq: 17 Nov 2017 12:08

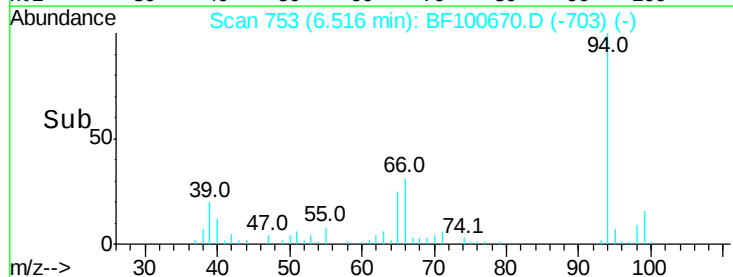
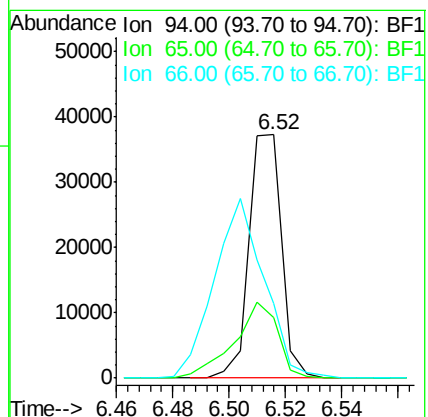
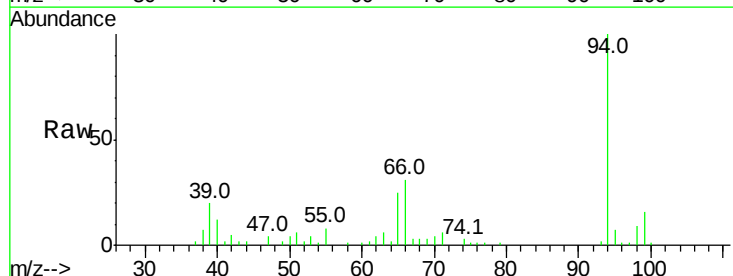
Tgt Ion: 94 Resp: 29769

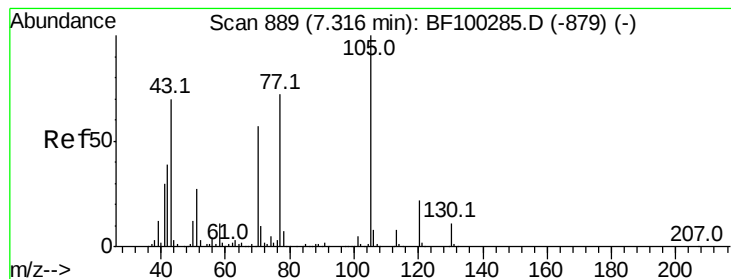
Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 30.7 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.690 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100670.D

Acq: 17 Nov 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 41831

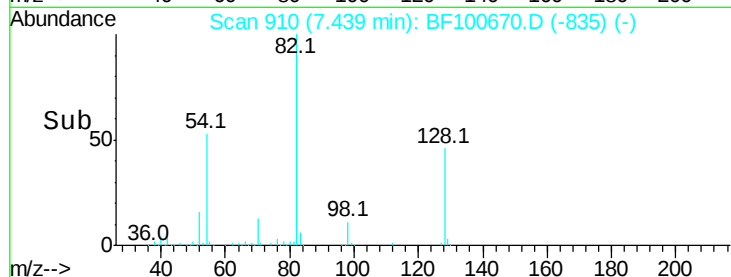
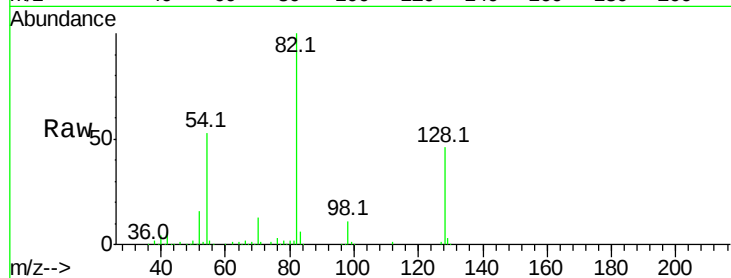
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

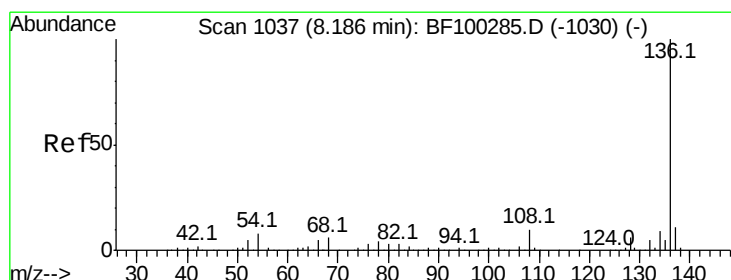
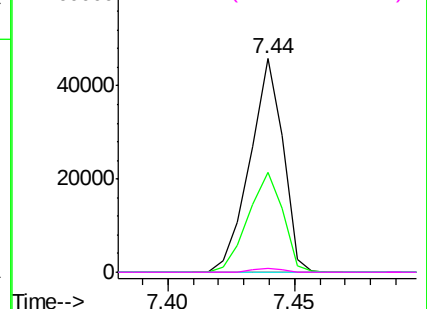


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100670.D

Acq: 17 Nov 2017 12:08

Tgt Ion: 136 Resp: 322424

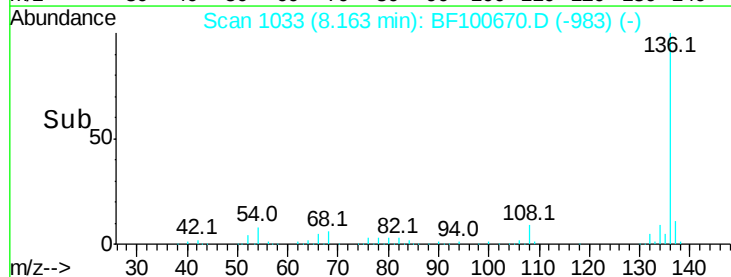
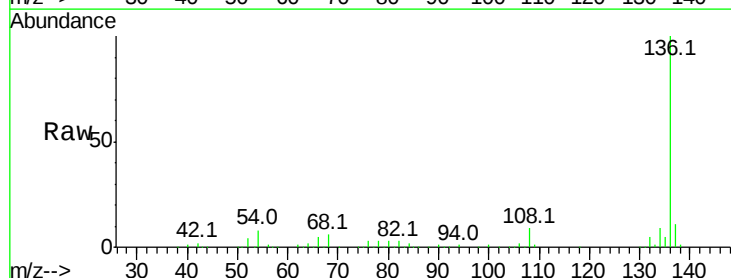
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

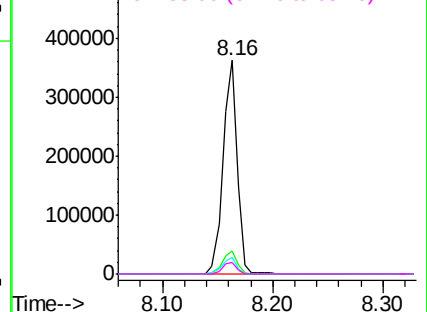


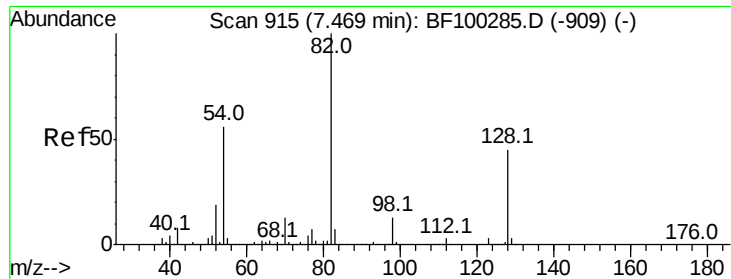
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

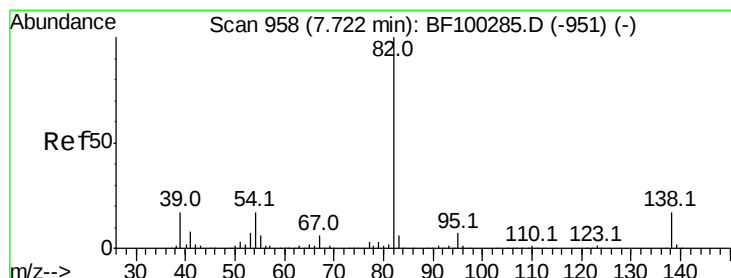
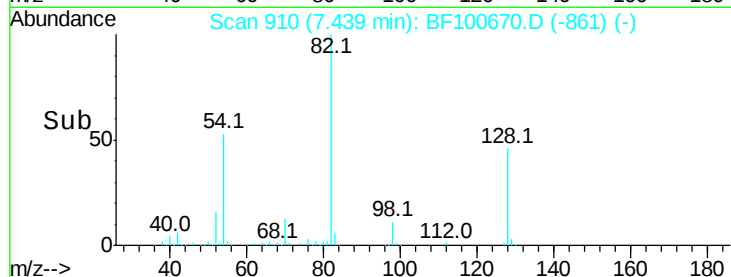
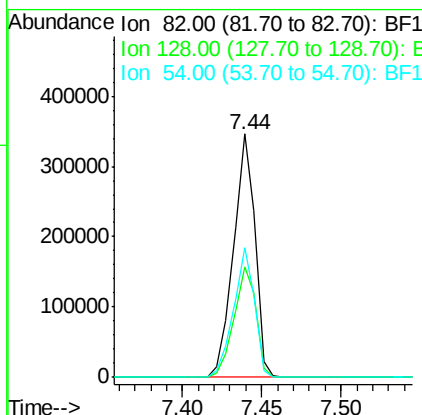
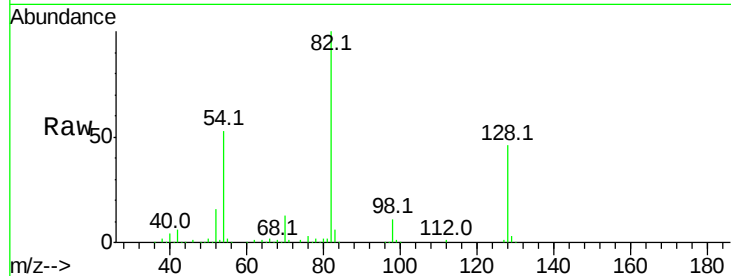




#23
 Nitrobenzene-d5
 Concen: 66.733 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

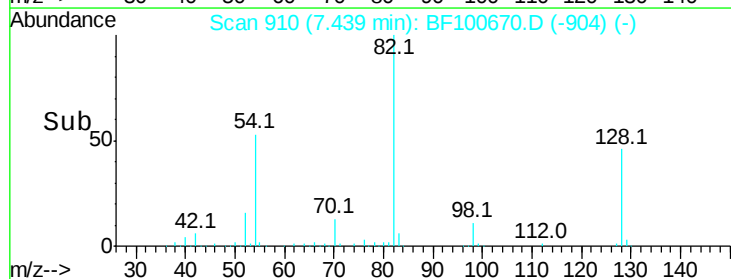
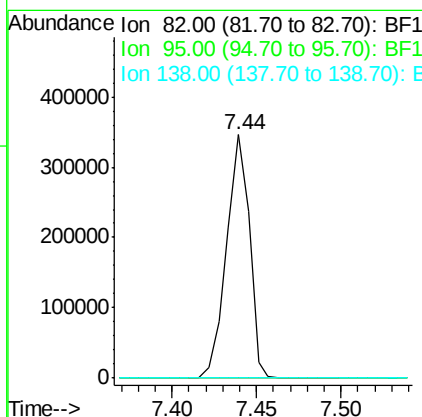
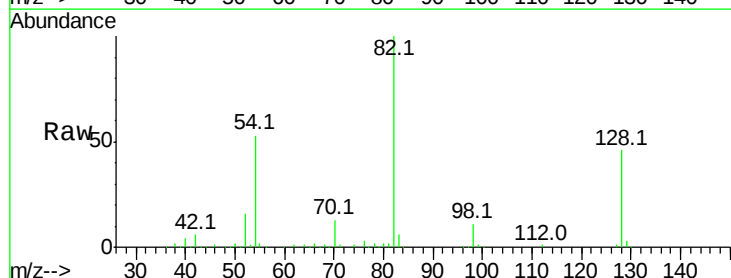
Instrument :
 BNA_F
 ClientSampled :

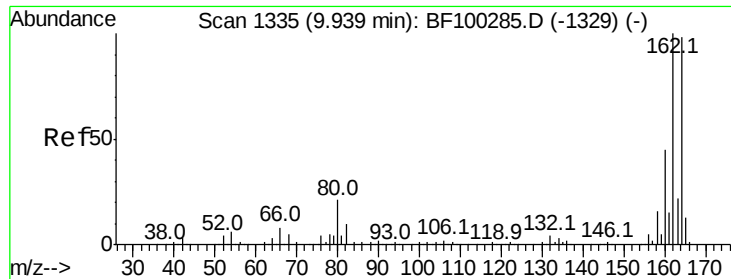
Tot Ion	82	Resp	325448
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 31.756 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Tgt Ion	82	Resp	325444
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

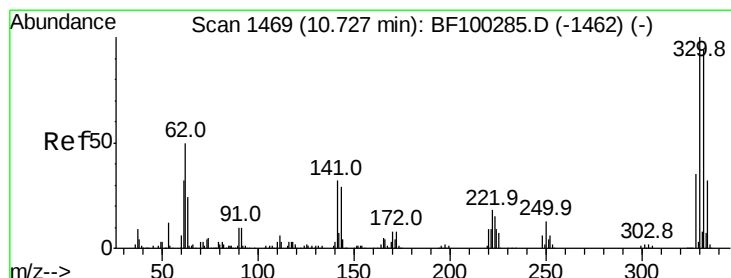
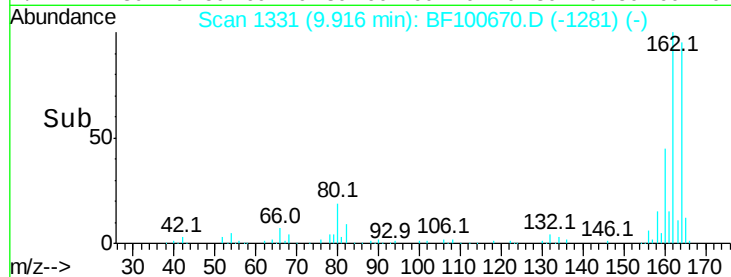
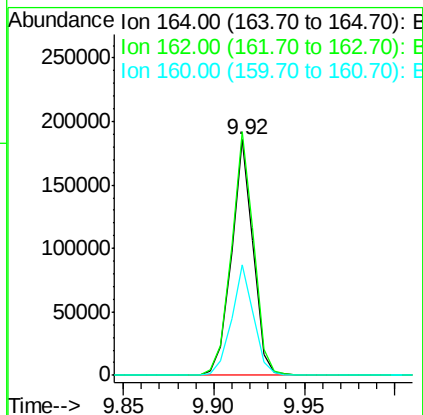
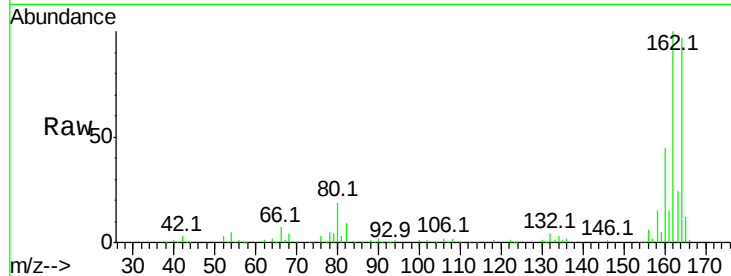




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

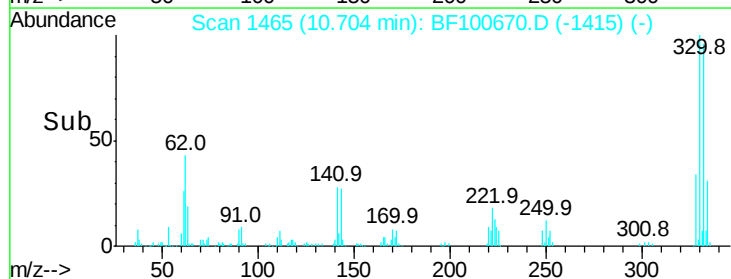
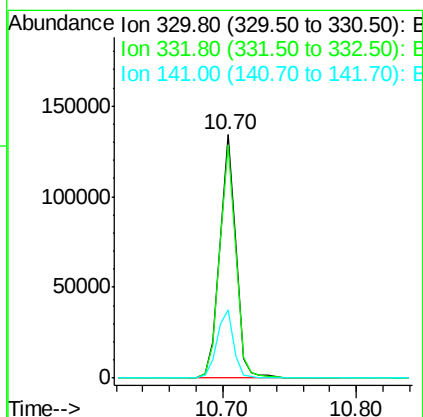
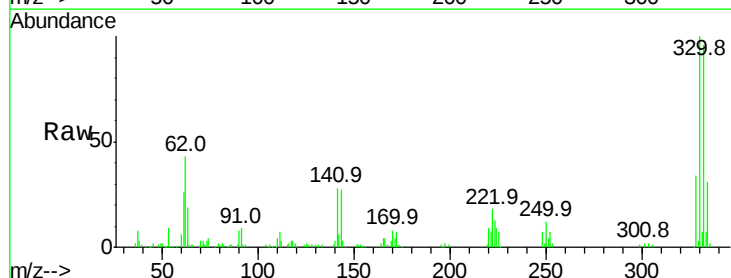
Instrument :
 BNA_F
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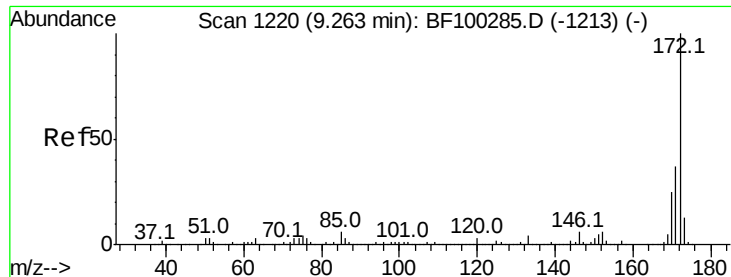
Tot Ion:164 Resp: 154213
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 73.560 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Tgt Ion:330 Resp: 115594
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 28.9 29.9 44.9#

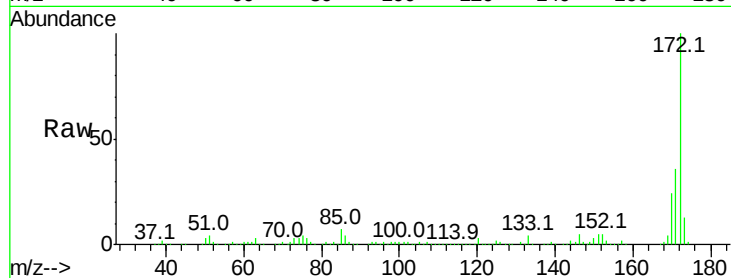




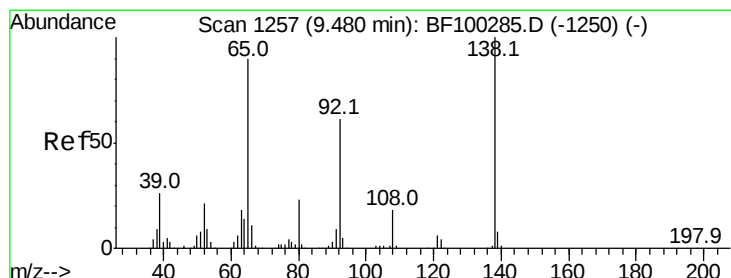
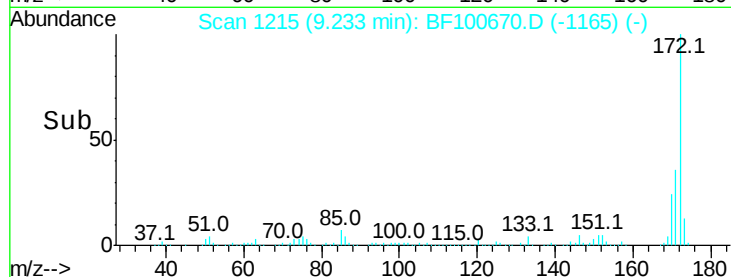
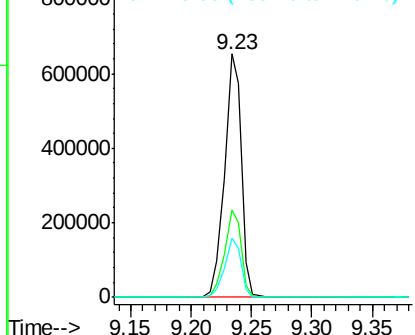
#44
2-Fluorobiphenyl
Concen: 61.941 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 627314
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4

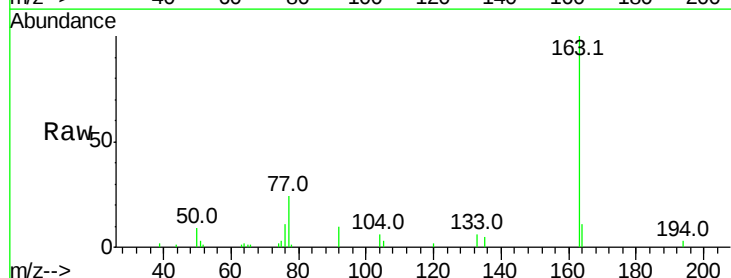


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

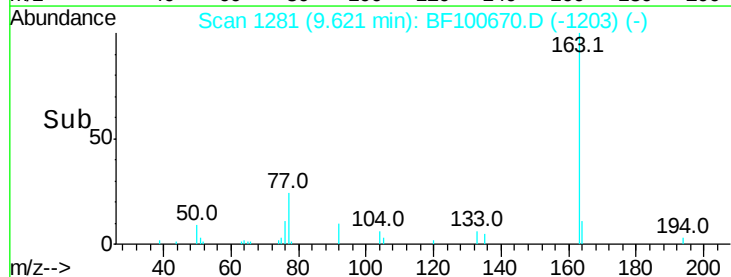
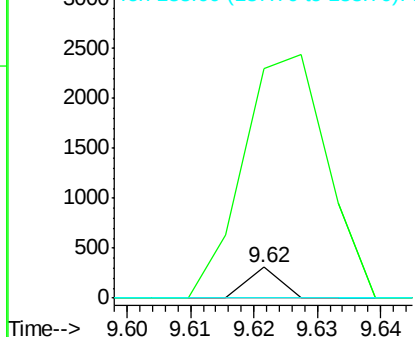


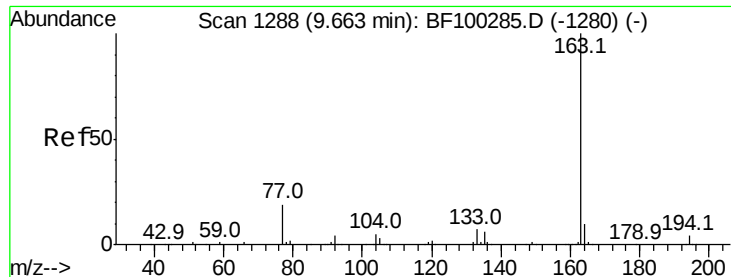
#47
2-Nitroaniline
Concen: 2.819 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 750.0 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): E

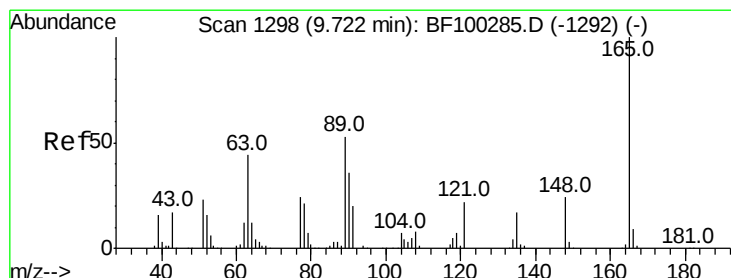
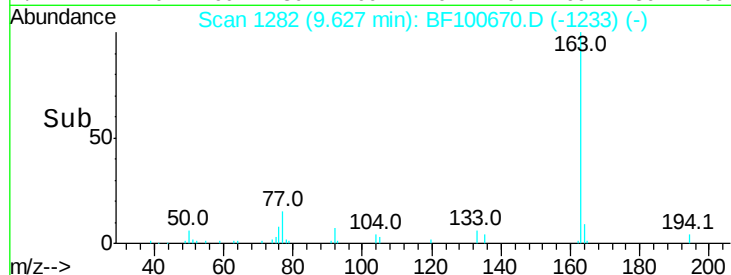
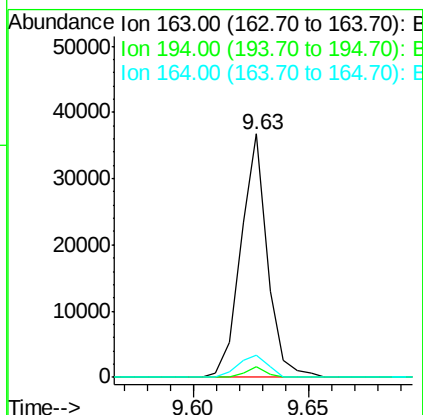
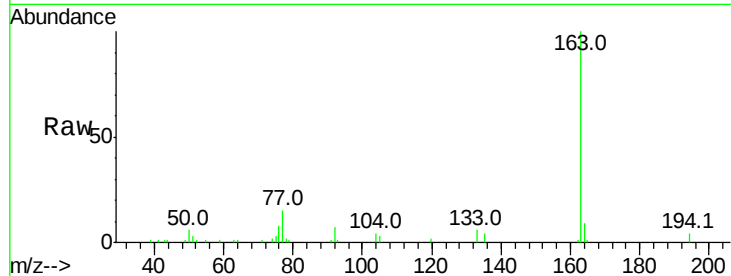




#49
Dimethylphthalate
Concen: 2.498 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

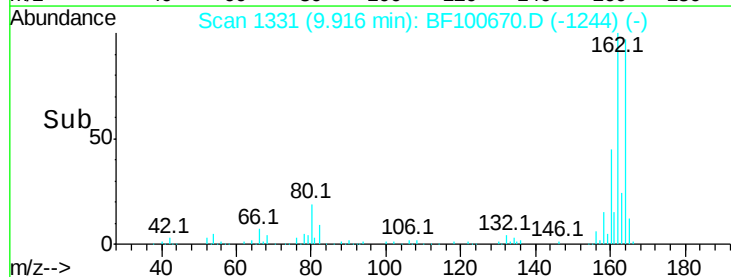
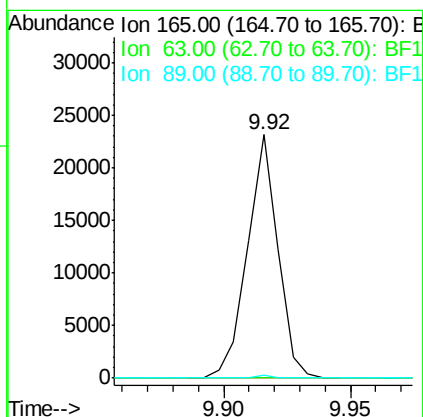
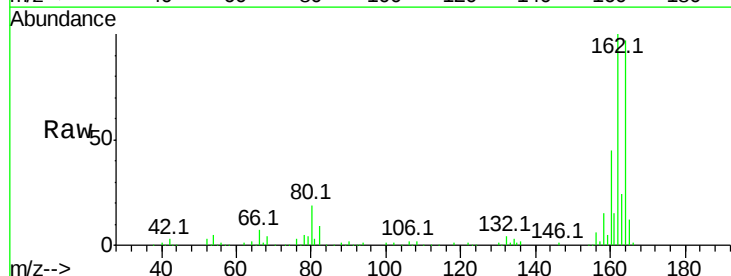
Instrument :
BNA_F
ClientSampleId :

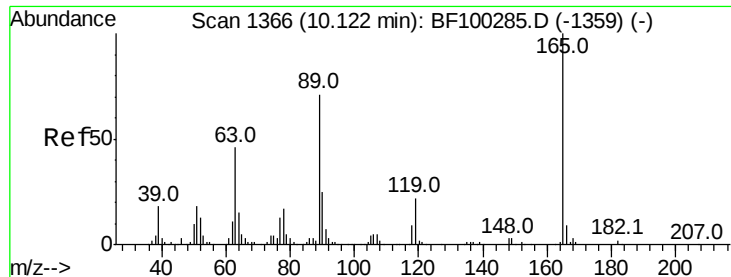
Tot Ion:163 Resp: 29407
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Tgt Ion:165 Resp: 19427
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 44.0 66.0#

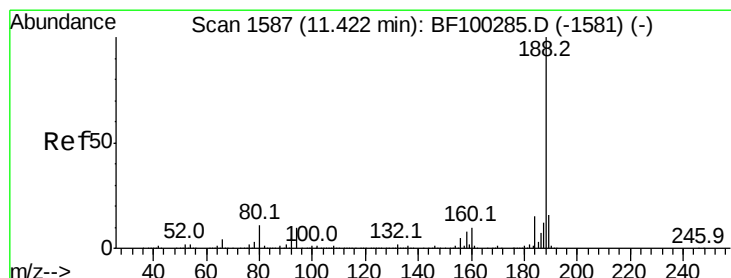
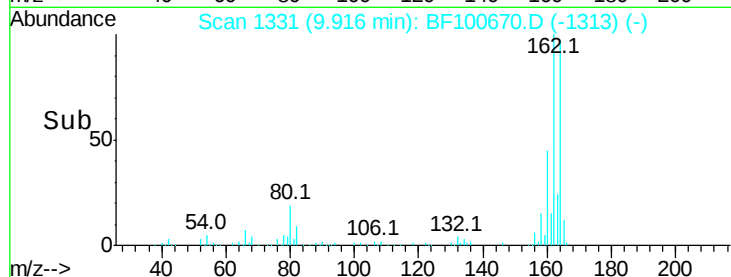
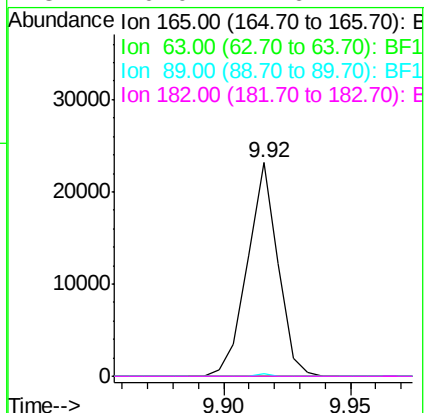
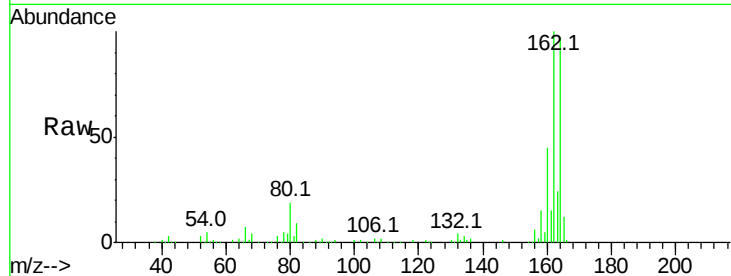




#56
2,4-Dinitrotoluene
Concen: 6.607 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

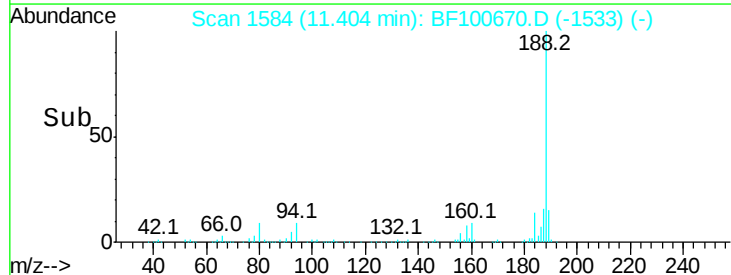
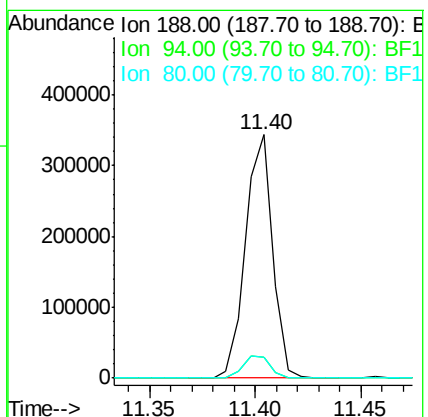
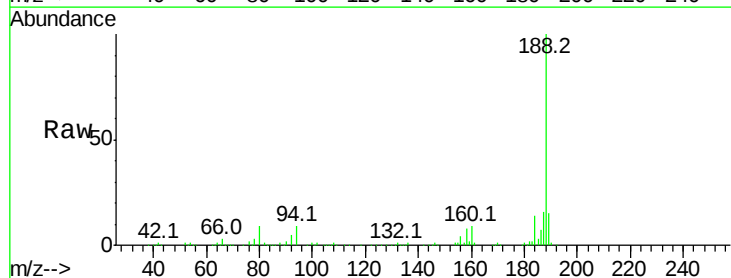
Instrument :
BNA_F
ClientSampleId :

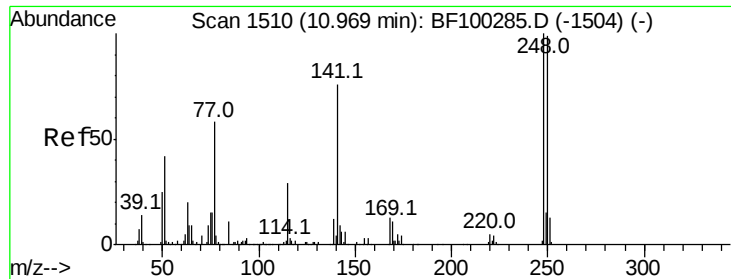
Tot Ion:	165	Resp:	19427
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100670.D
Acq: 17 Nov 2017 12:08

Tgt Ion:	188	Resp:	305660
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.8	9.2	13.8#

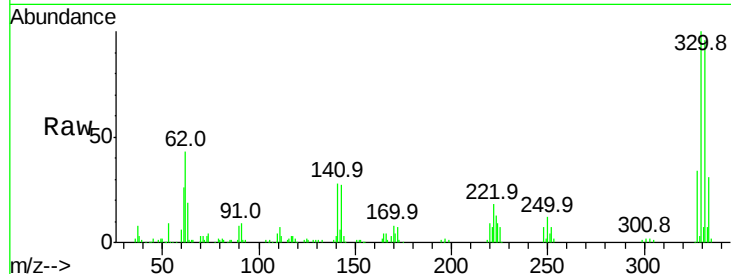




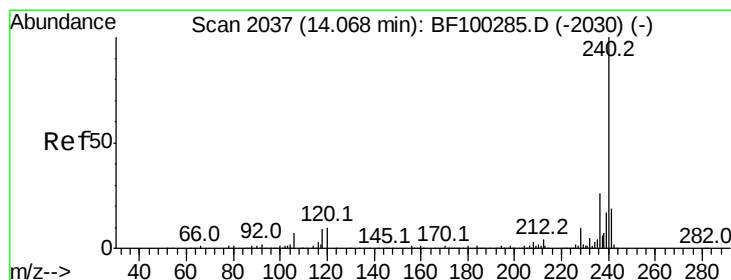
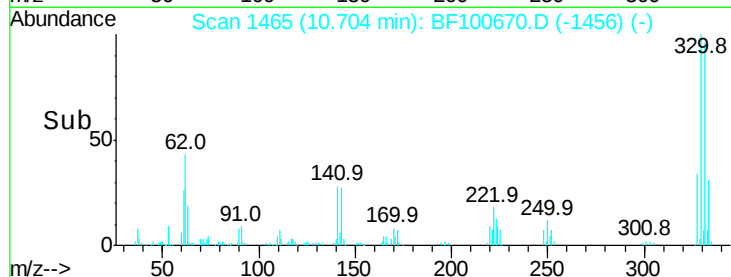
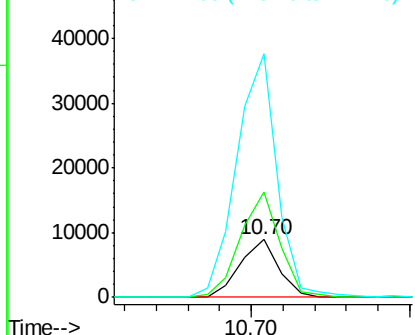
#66
 4-Bromophenyl-phenylether
 Concen: 2.274 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7452
 Ion Ratio Lower Upper
 248 100
 250 184.1 76.9 115.3#
 141 423.5 74.4 111.6#

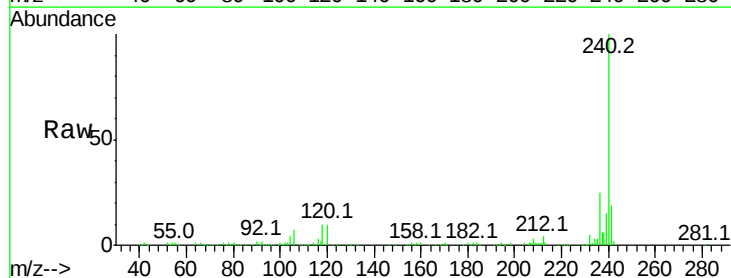


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

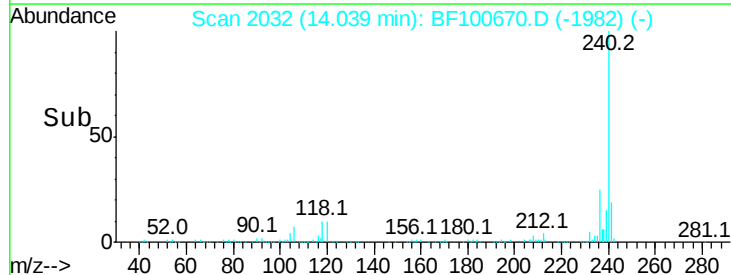
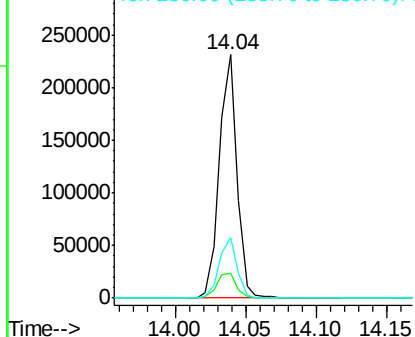


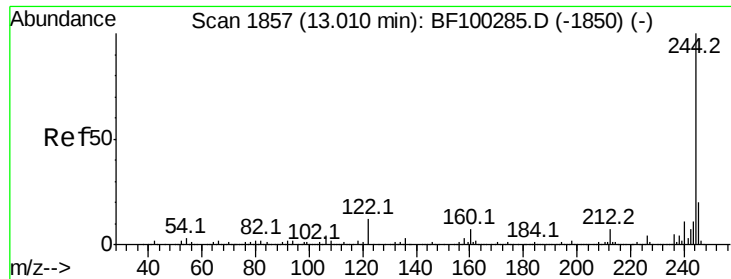
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Tgt Ion:240 Resp: 200795
 Ion Ratio Lower Upper
 240 100
 120 10.4 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

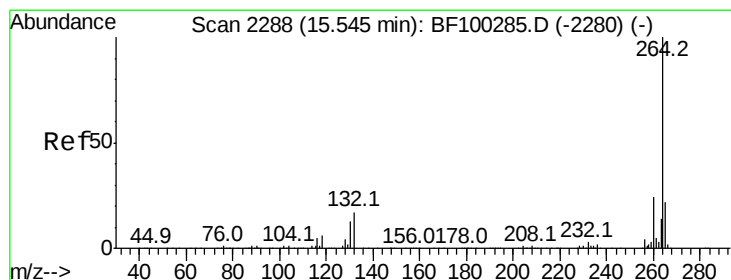
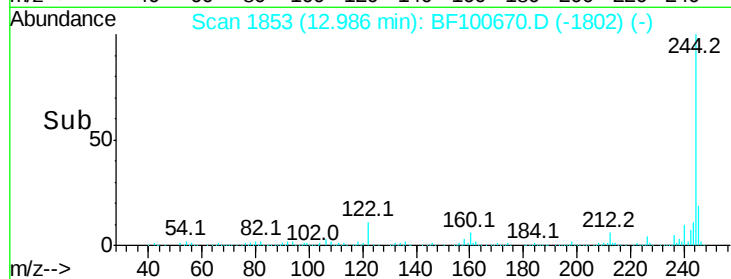
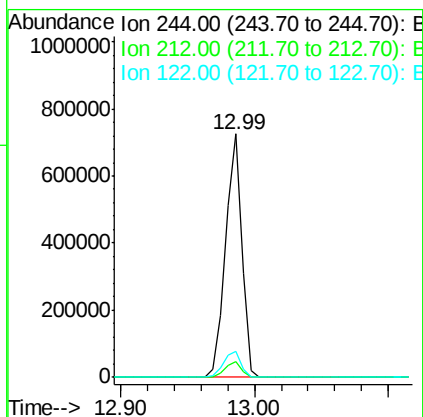
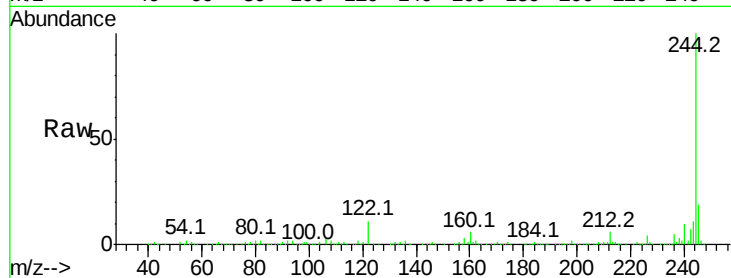




#78
 Terphenyl-d14
 Concen: 72.127 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 630311
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100670.D
 Acq: 17 Nov 2017 12:08

Tgt Ion:264 Resp: 198503
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.5 17.5 26.3

