

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100671.D
 Acq On : 17 Nov 2017 13:03
 Operator : SJ/JU
 Sample : I6476-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 17 16:40:55 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

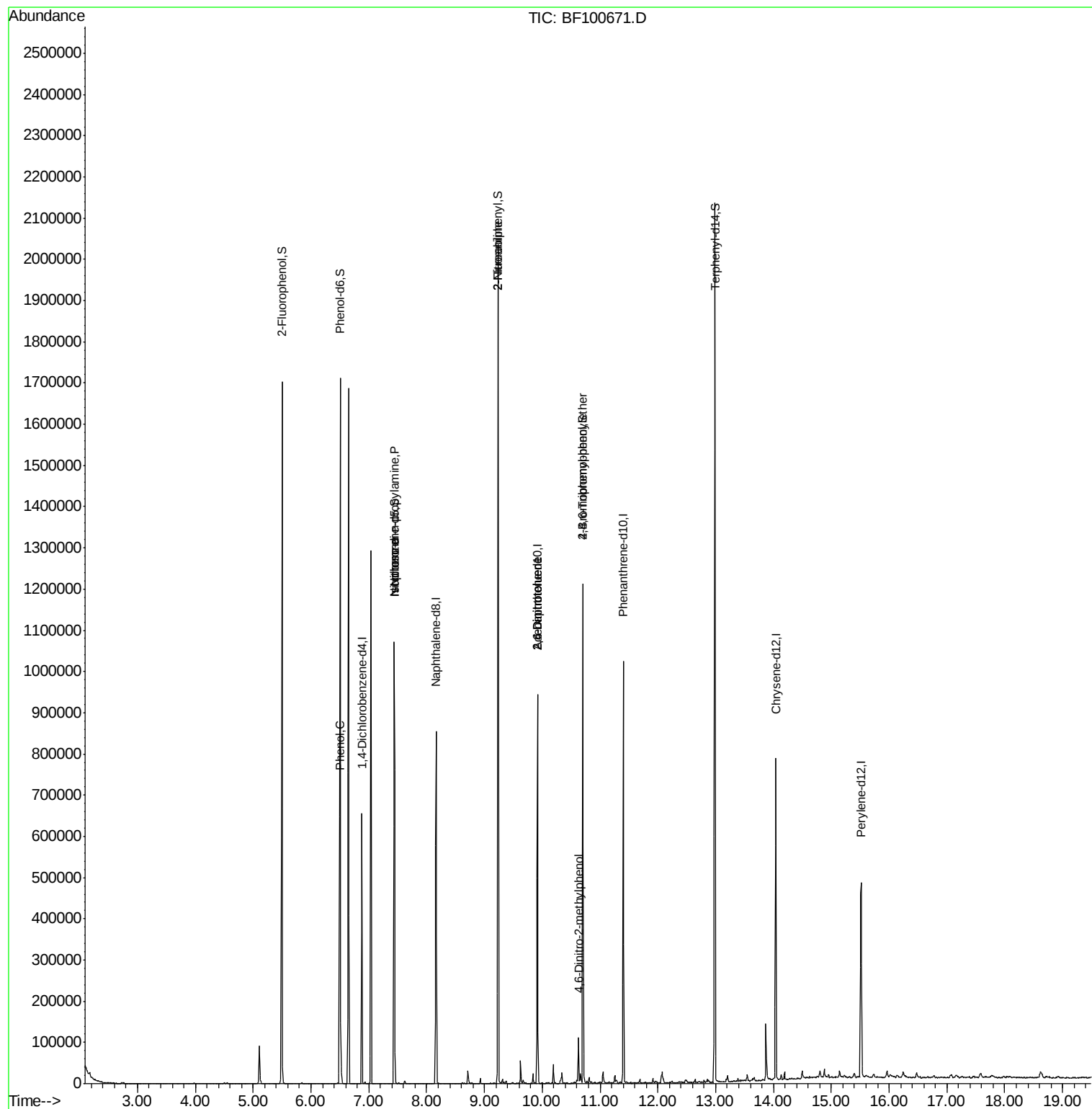
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	90348	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	368885	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	176826	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	358527	20.00	ng	0.00
75) Chrysene-d12	14.04	240	250809	20.00	ng	0.00
86) Perylene-d12	15.52	264	231518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	473804	84.06	ng	0.00
7) Phenol-d6	6.50	99	570445	82.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	337850	60.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	146206	81.14	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	679475	58.51	ng	0.00
78) Terphenyl-d14	12.99	244	741902	67.97	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31376	4.300	ng	94
19) n-Nitroso-di-n-propylamine	7.44	70	43451	9.015	ng	# 77
25) Isophorone	7.44	82	337845	28.814	ng	# 64
47) 2-Nitroaniline	9.23	65	904	3.044	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22856	8.553	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	22856	6.779	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	289	8.701	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8886	2.312	ng	# 1

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

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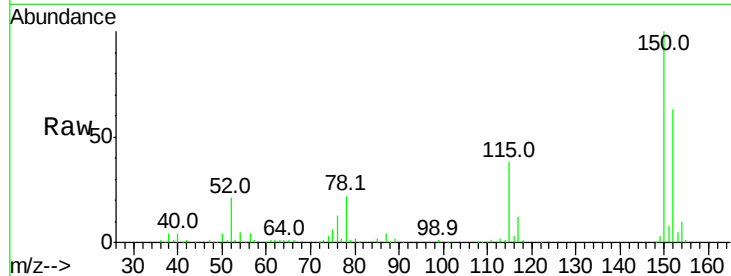


#1

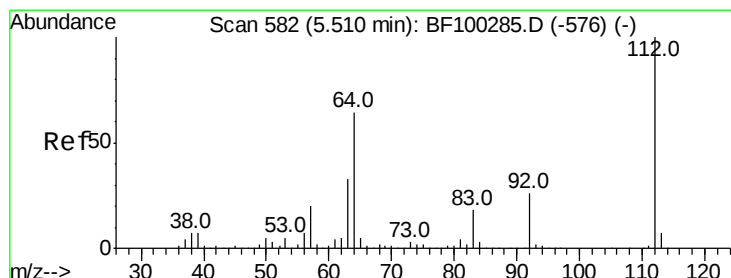
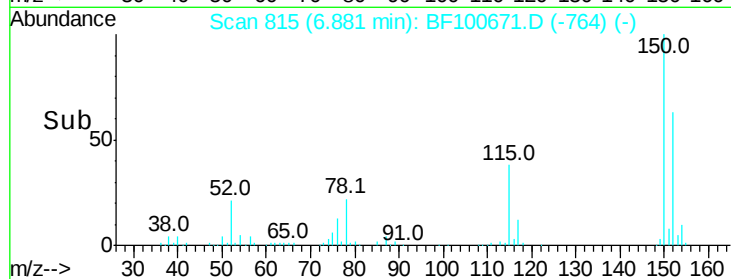
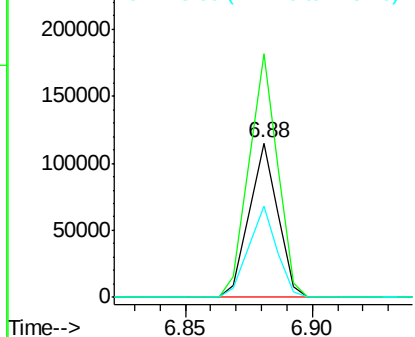
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90348
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.6 50.1 75.1



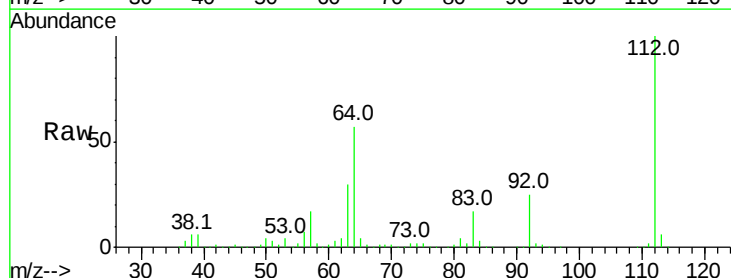
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



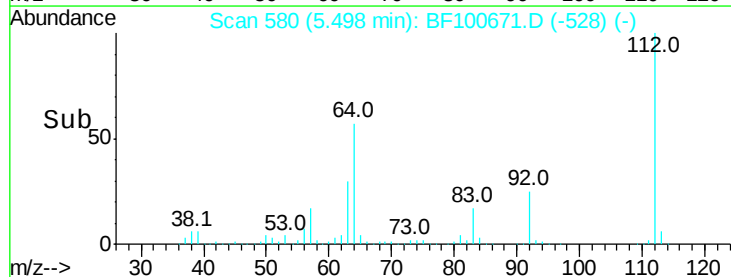
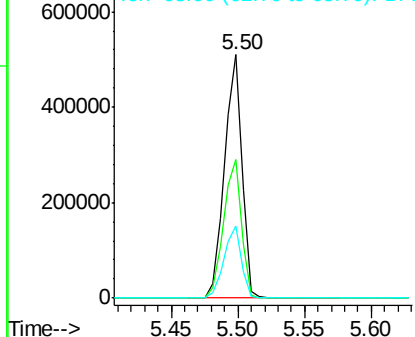
#5

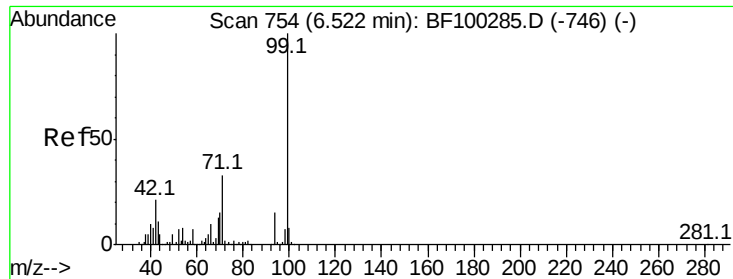
2-Fluorophenol
Concen: 84.064 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

Tgt Ion:112 Resp: 473804
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.6 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: 82.076 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100671.D

Acq: 17 Nov 2017 13:03

Instrument :

BNA_F

ClientSampleId :

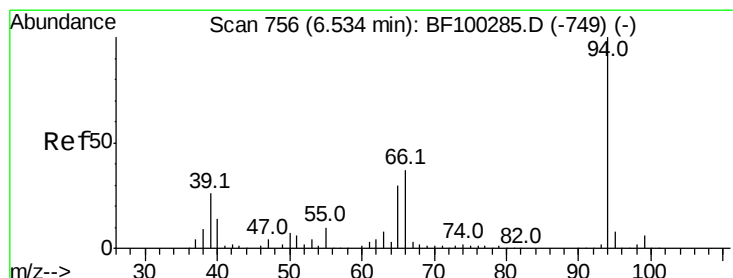
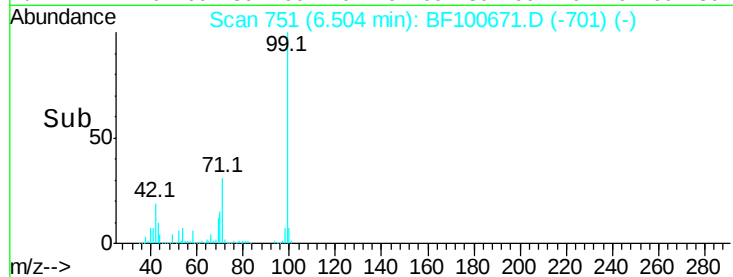
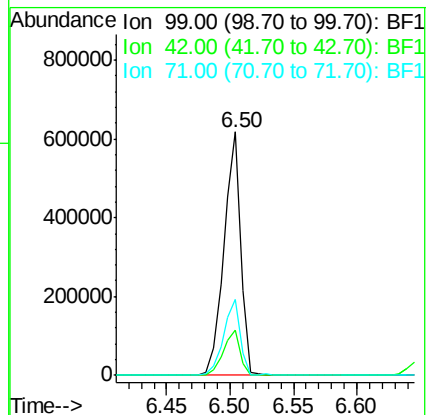
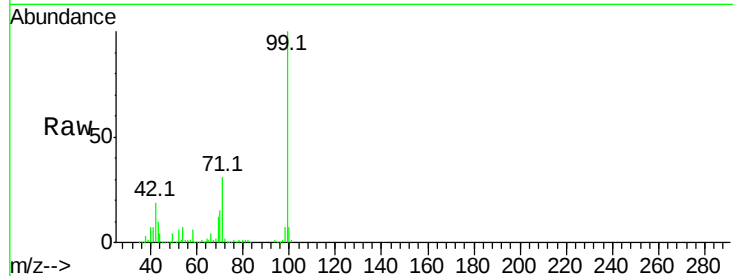
Tot Ion: 99 Resp: 570445

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 31.1 25.4 38.0



#10

Phenol

Concen: 4.300 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100671.D

Acq: 17 Nov 2017 13:03

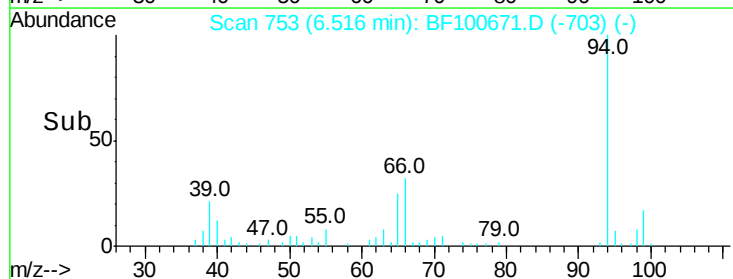
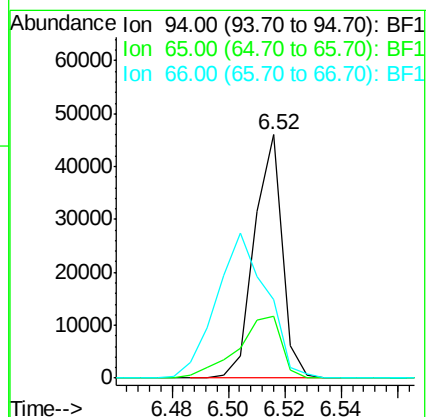
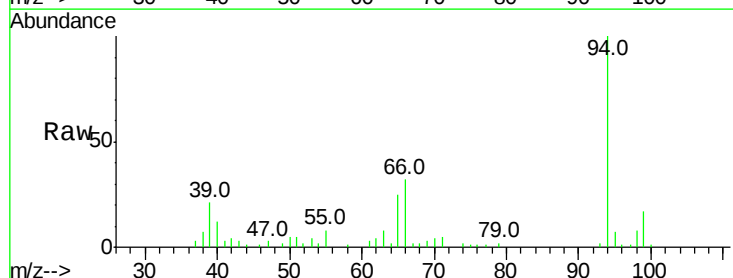
Tgt Ion: 94 Resp: 31376

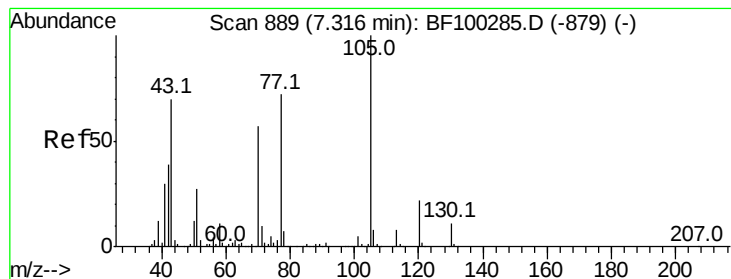
Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

66 32.3 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.015 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100671.D

Acq: 17 Nov 2017 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 43451

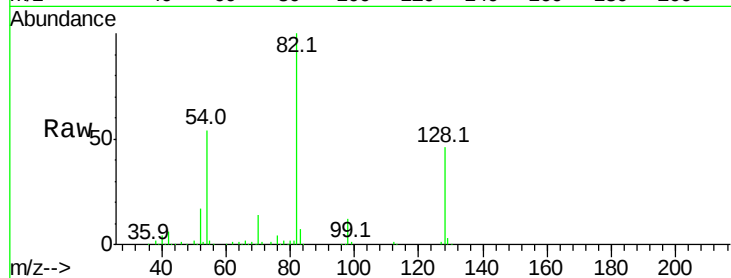
Ion Ratio Lower Upper

70 100

42 47.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

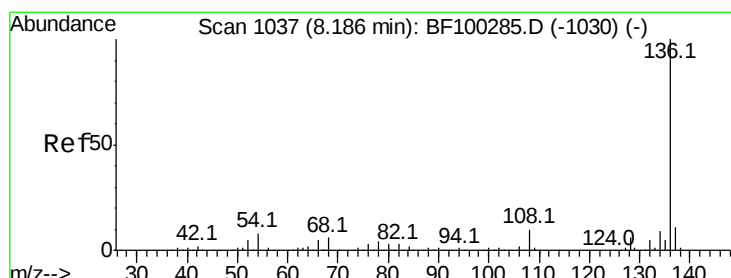
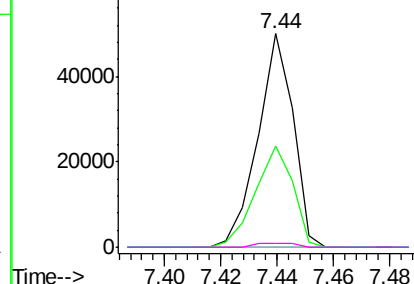
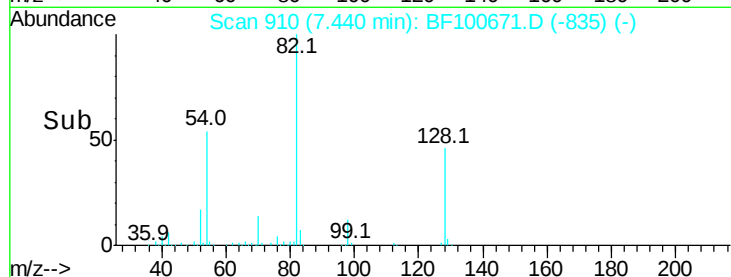


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100671.D

Acq: 17 Nov 2017 13:03

Tgt Ion:136 Resp: 368885

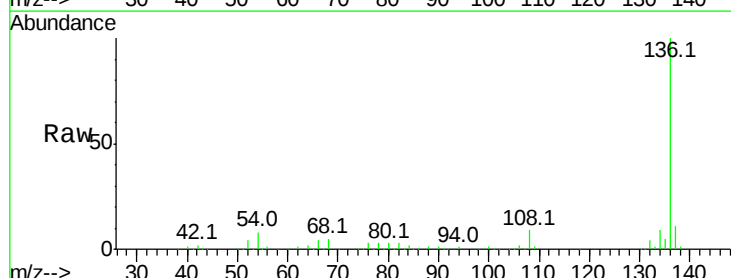
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.3 5.0 7.4

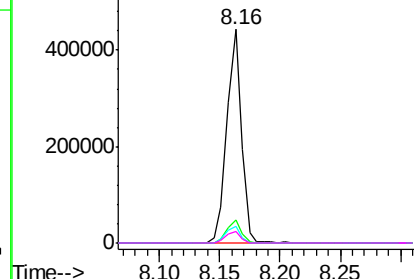
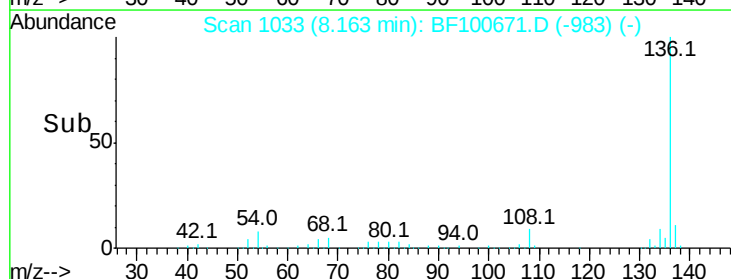


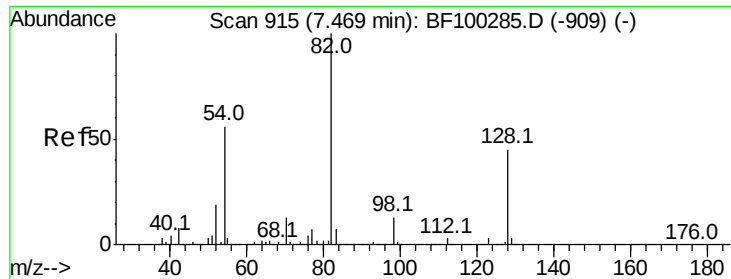
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

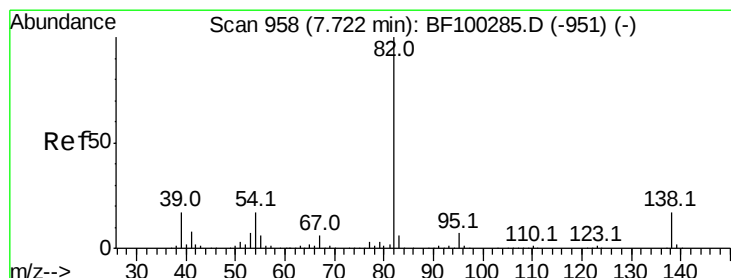
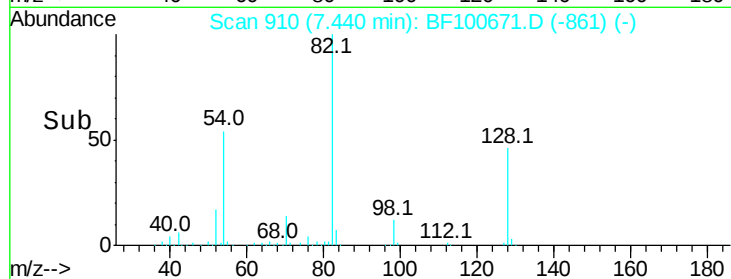
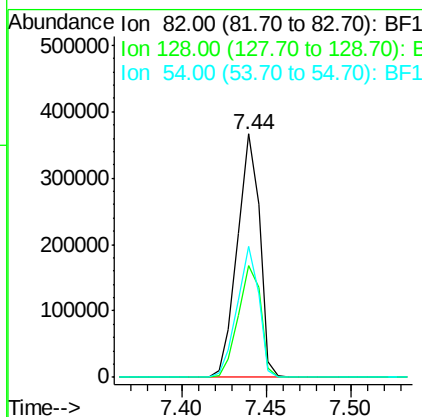
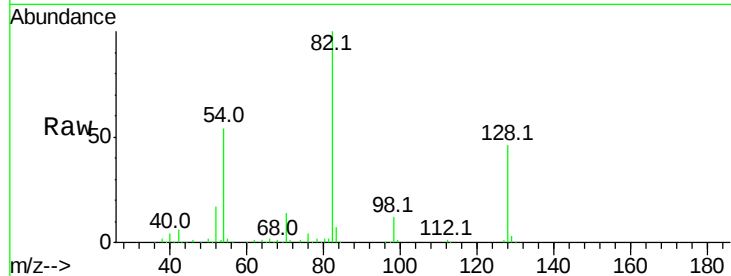




#23
 Nitrobenzene-d5
 Concen: 60.551 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

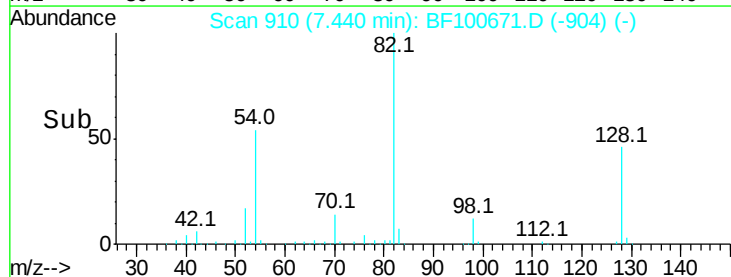
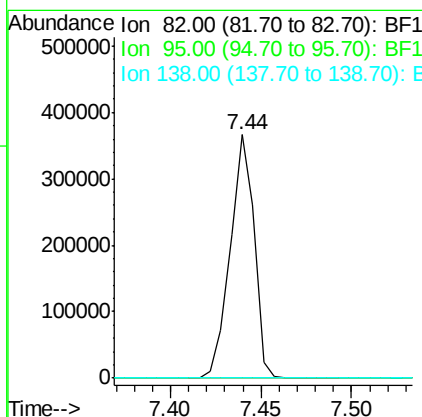
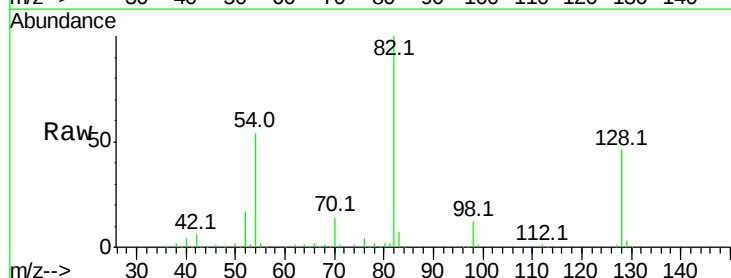
Instrument :
 BNA_F
 ClientSampled :

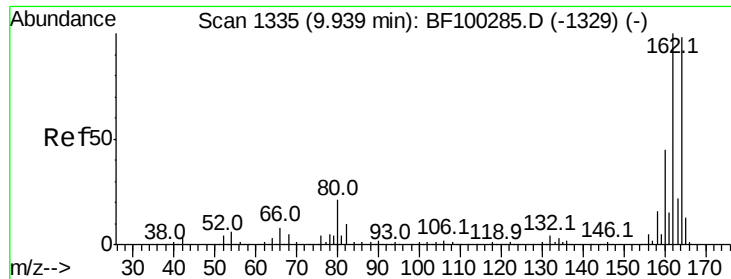
Tot Ion	82	Resp	337850
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	53.9	41.4	62.2



#25
 Isophorone
 Concen: 28.814 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Tgt Ion	82	Resp	337845
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

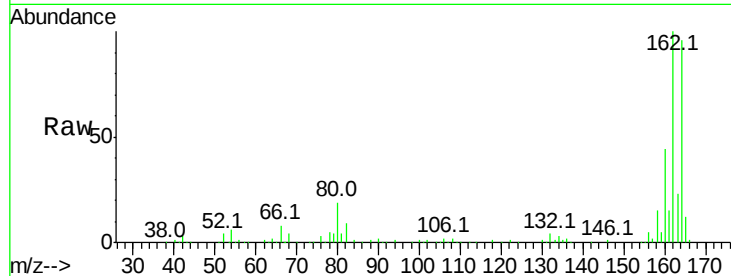




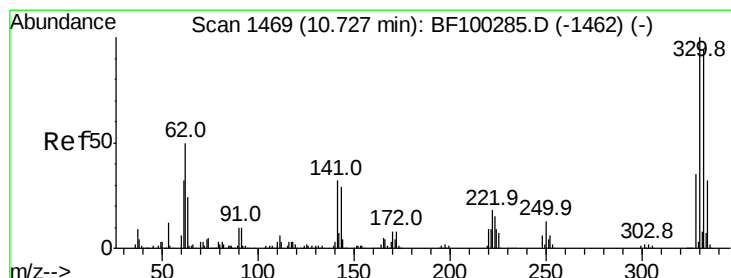
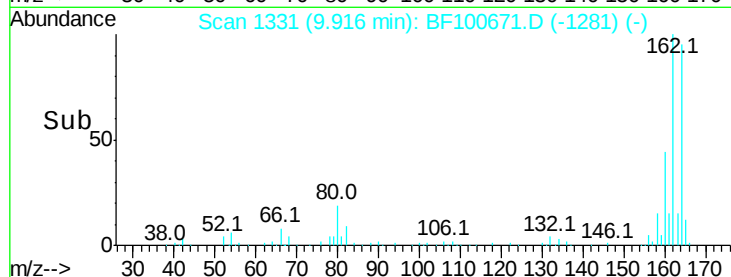
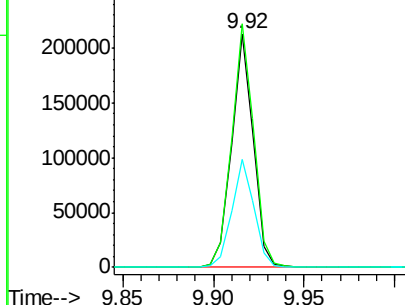
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.0	38.3	57.5

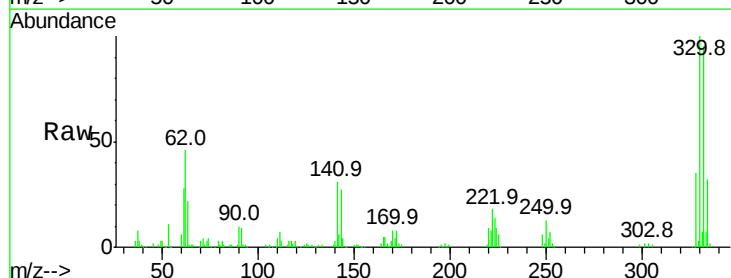


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

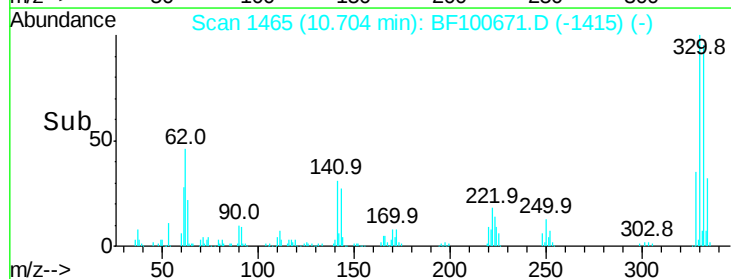
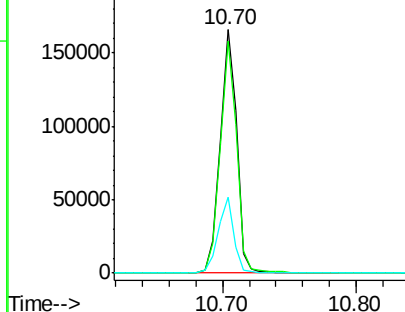


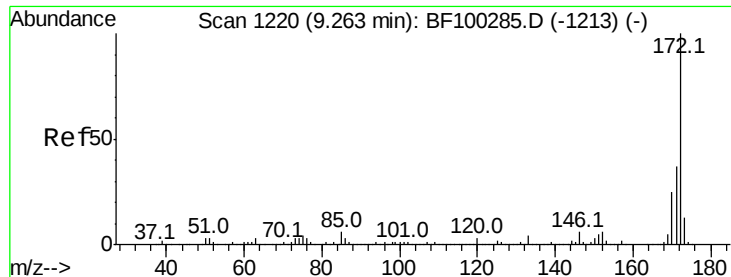
#41
 2,4,6-Tribromophenol
 Concen: 81.142 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.6	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

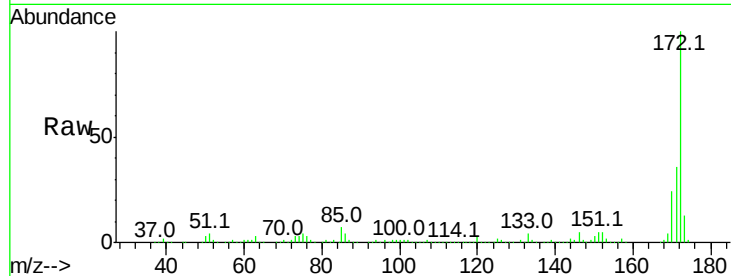




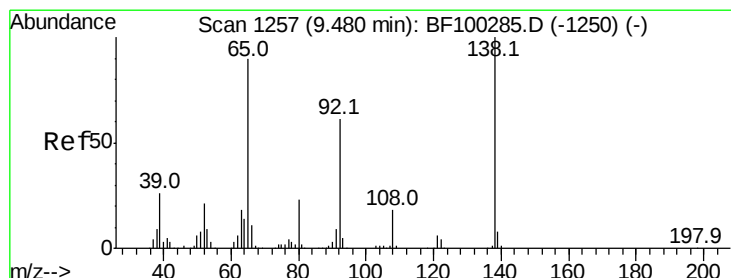
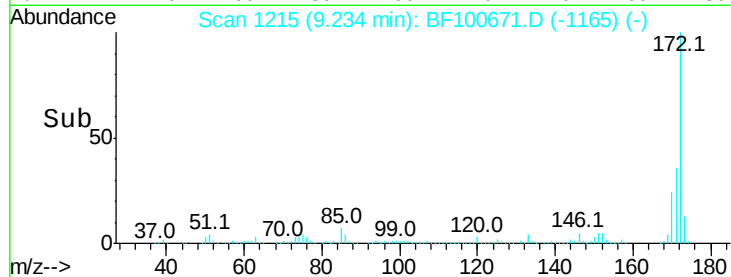
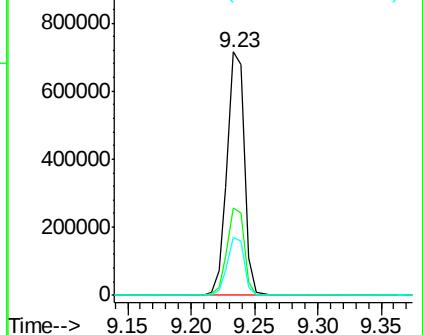
#44
 2-Fluorobiphenyl
 Concen: 58.512 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 679475
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4

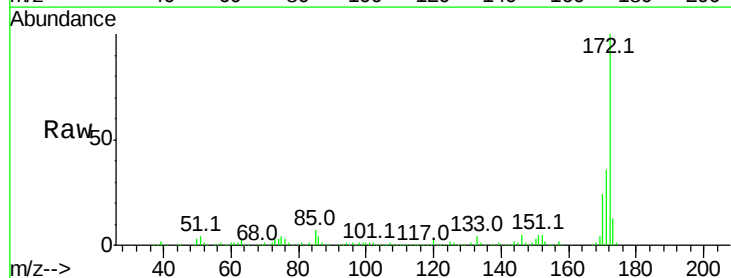


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

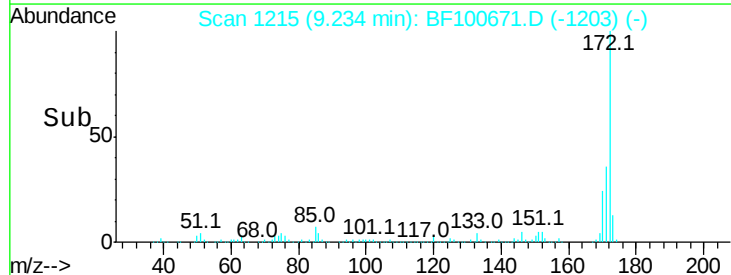
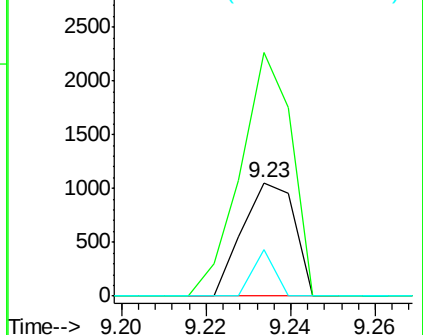


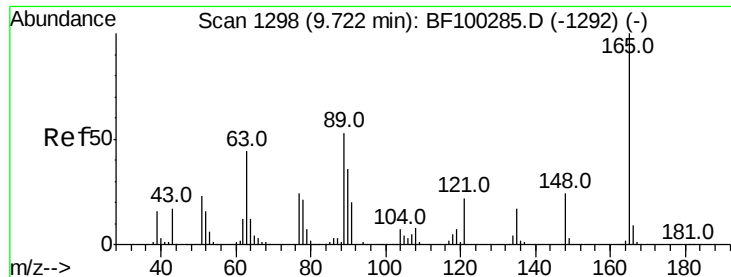
#47
 2-Nitroaniline
 Concen: 3.044 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Tgt Ion: 65 Resp: 904
 Ion Ratio Lower Upper
 65 100
 92 215.1 55.8 83.6#
 138 41.5 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

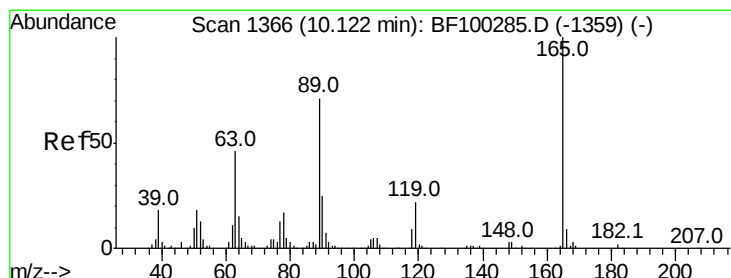
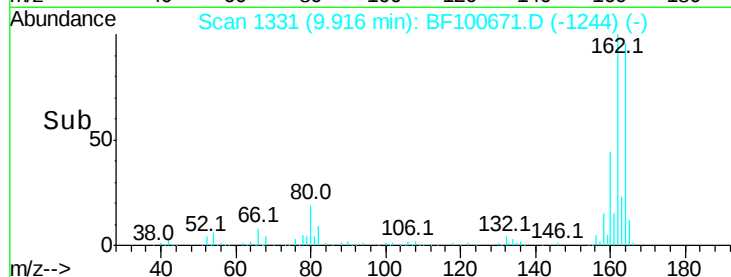
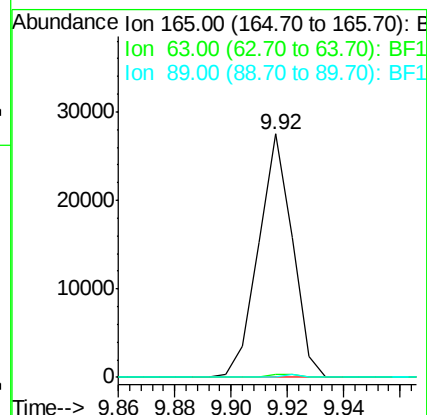
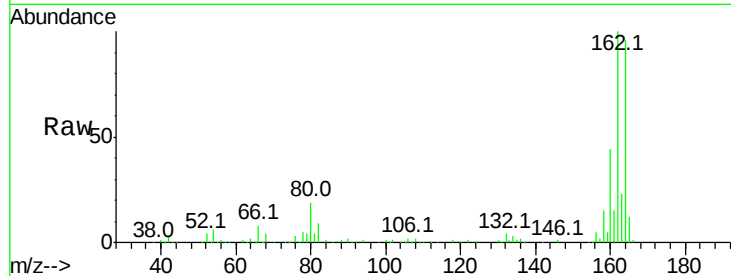




#50
 2,6-Dinitrotoluene
 Concen: 8.553 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

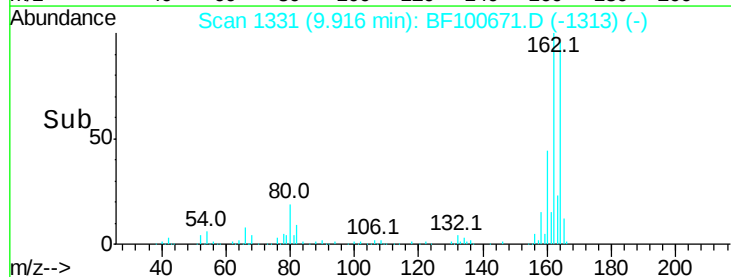
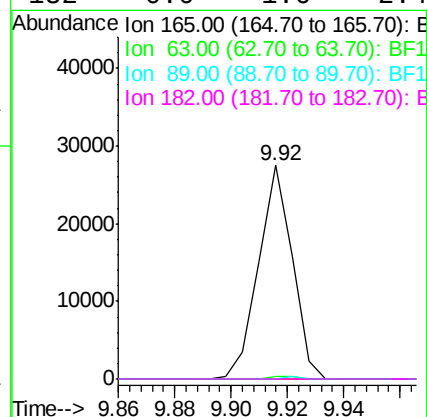
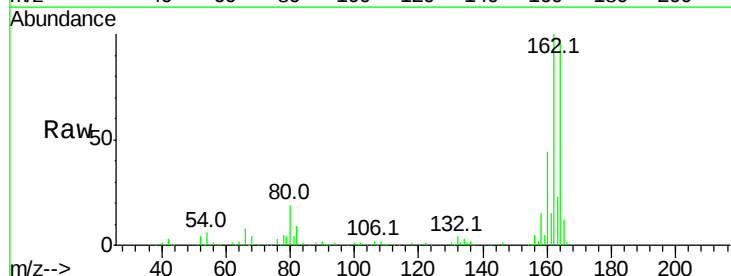
Instrument :
 BNA_F
 ClientSampleId :

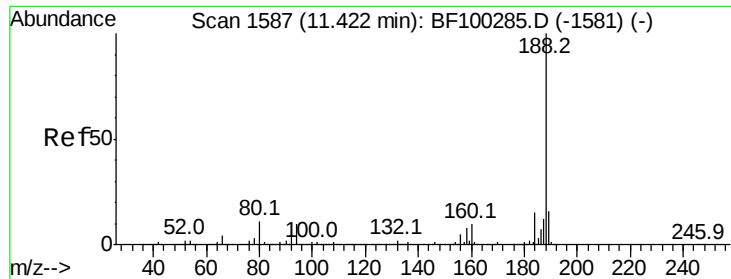
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.779 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100671.D
 Acq: 17 Nov 2017 13:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

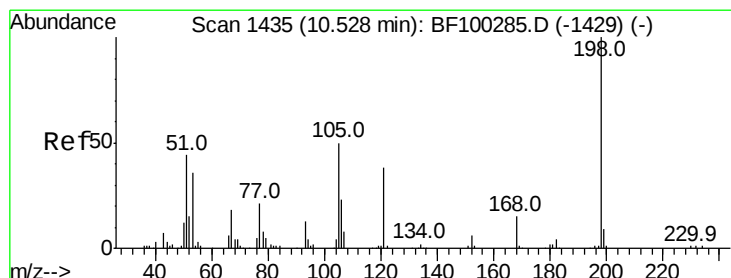
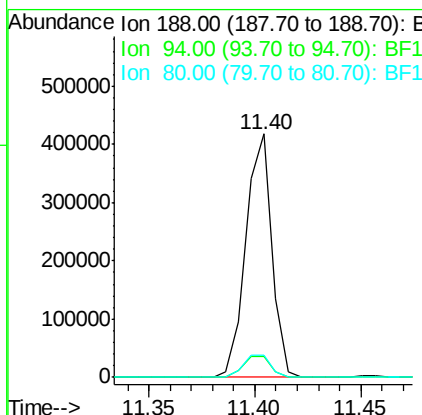
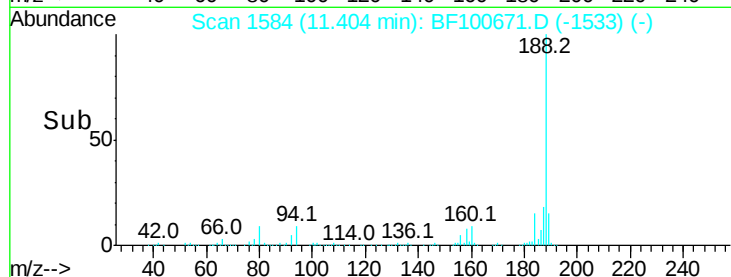
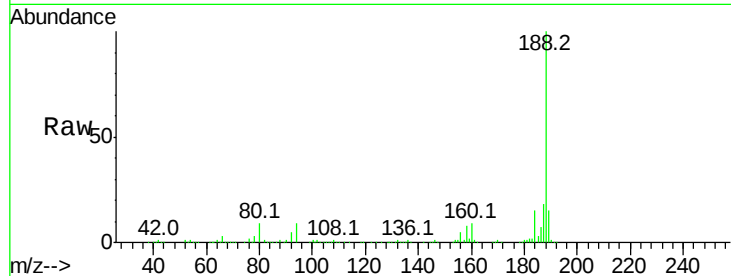




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

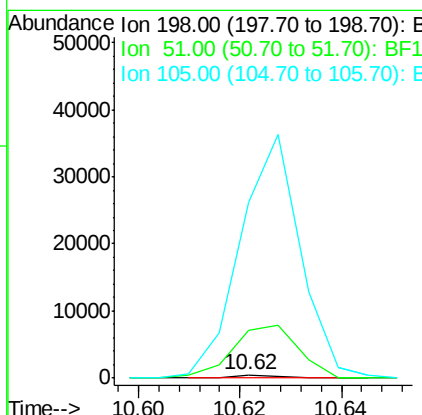
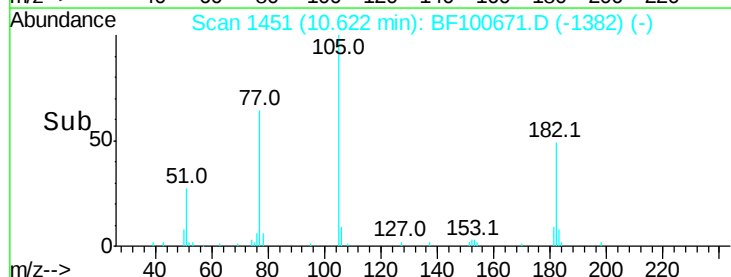
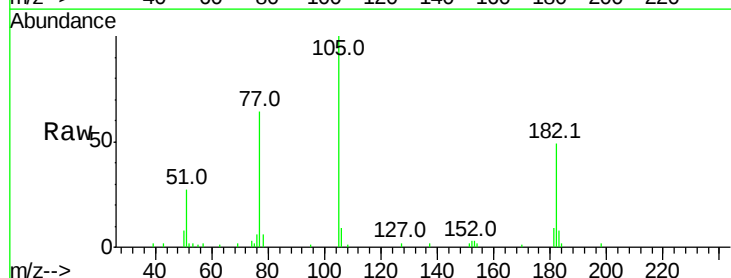
Instrument :
BNA_F
ClientSampled :

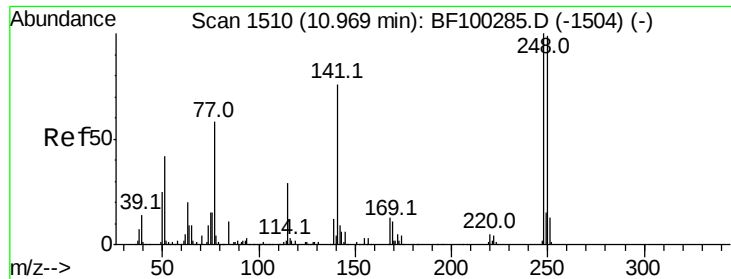
Tot Ion:188 Resp: 358527
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.701 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.11 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

Tgt Ion:198 Resp: 289
Ion Ratio Lower Upper
198 100
51 1358.1 37.7 77.7#
105 5032.3 36.3 76.3#

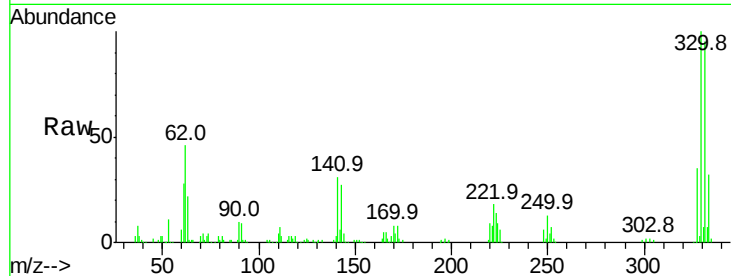




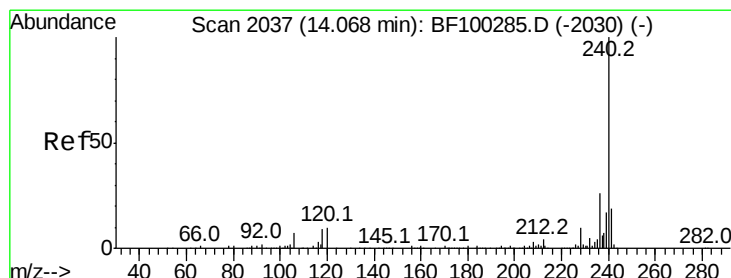
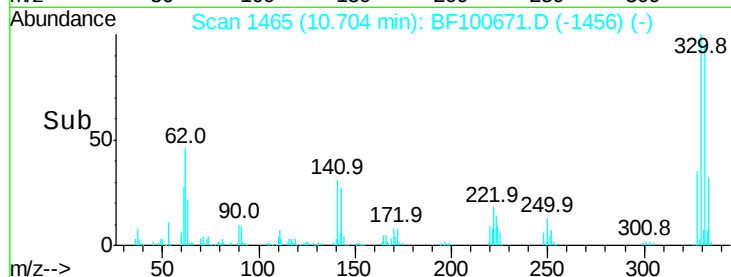
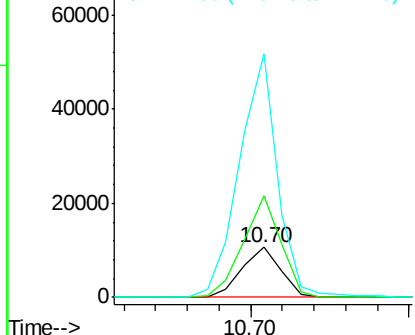
#66
4-Bromophenyl-phenylether
Concen: 2.312 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8886
Ion Ratio Lower Upper
248 100
250 203.5 76.9 115.3#
141 486.0 74.4 111.6#

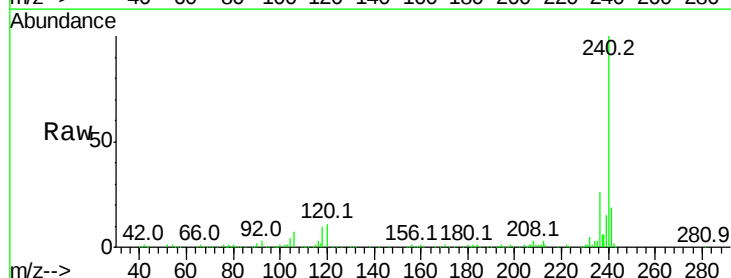


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

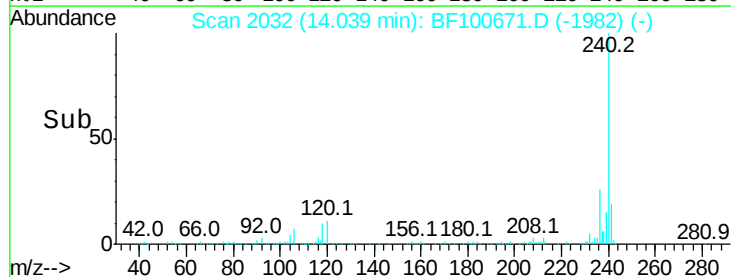
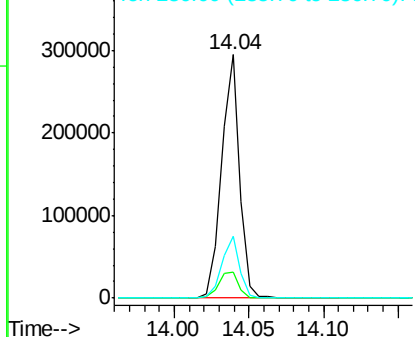


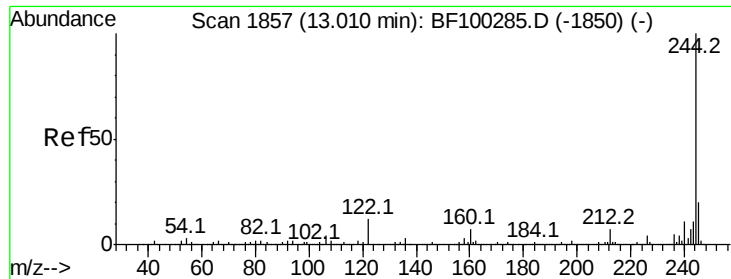
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100671.D
Acq: 17 Nov 2017 13:03

Tgt Ion:240 Resp: 250809
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.5 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: 67.967 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100671.D

Acq: 17 Nov 2017 13:03

Instrument :

BNA_F

ClientSampleId :

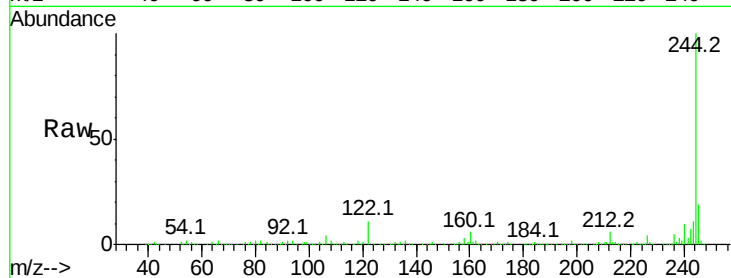
Tot Ion:244 Resp: 741902

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

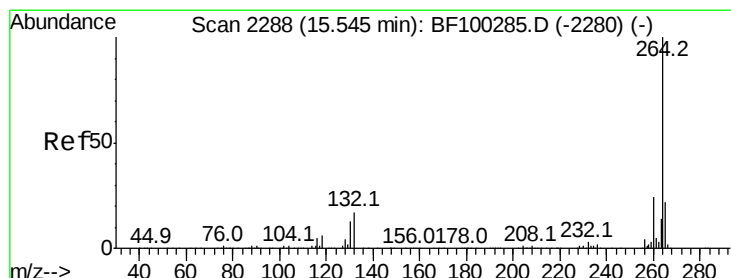
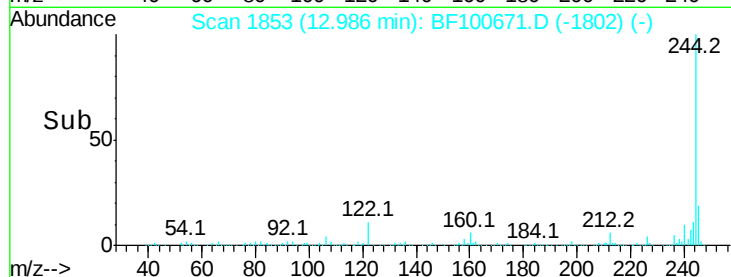
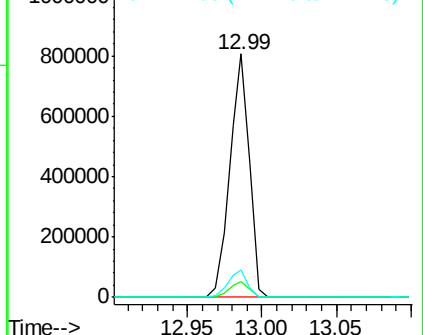
122 11.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100671.D

Acq: 17 Nov 2017 13:03

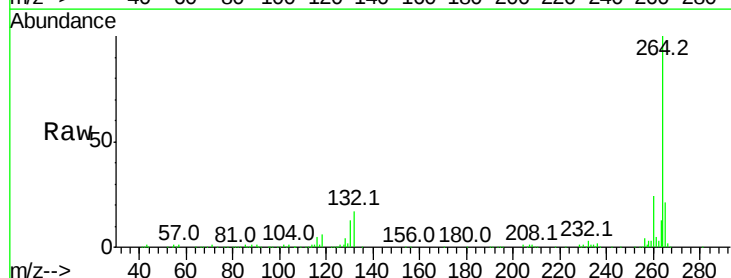
Tgt Ion:264 Resp: 231518

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

