

Data File : BF100689.D
Acq On : 17 Nov 2017 22:24
Operator : SJ/JU
Sample : I6478-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Quant Time: Nov 17 23:49:13 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	104116	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	404219	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175491	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	274737	20.00	ng	0.00
75) Chrysene-d12	14.04	240	220029	20.00	ng	0.00
86) Perylene-d12	15.52	264	239888	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	506276	77.95	ng	0.00
7) Phenol-d6	6.50	99	618775	77.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	368920	60.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	135312	75.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	669990	58.13	ng	0.00
78) Terphenyl-d14	12.99	244	446292	46.61	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	31684	3.77	ng	96
19) n-Nitroso-di-n-propylamine	7.44	70	48273	8.69	ng	# 79
25) Isophorone	7.44	82	368916	28.71	ng	# 64
47) 2-Nitroaniline	9.23	65	966	3.06	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22572	8.51	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	22572	6.75	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	140	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8513	2.89	ng	# 1

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

Data File : BF100689.D

Acq On : 17 Nov 2017 22:24

Operator : SJ/JU

Sample : I6478-01

Misc :

ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SP-1-A

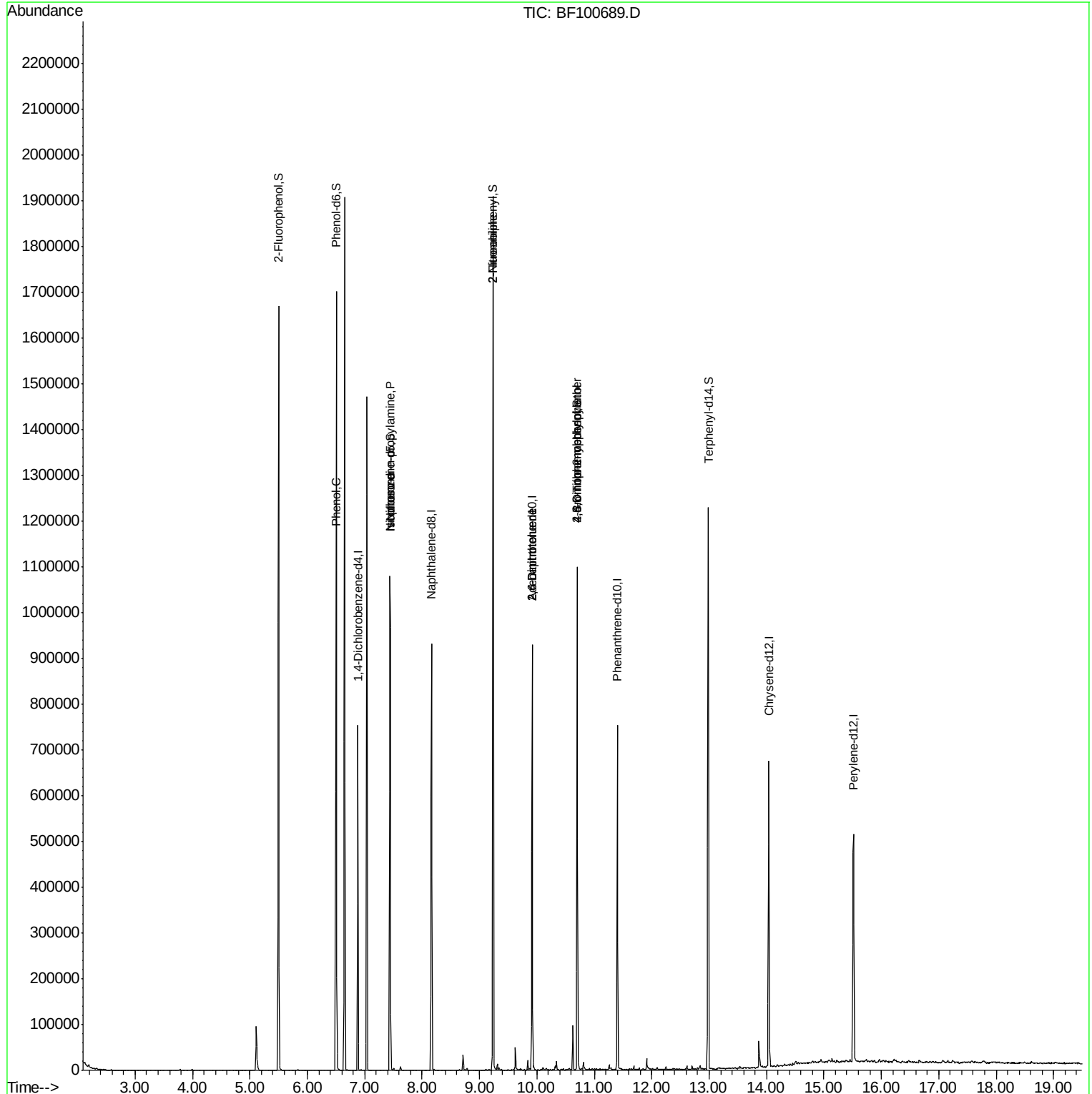
Quant Time: Nov 17 23:49:13 2017

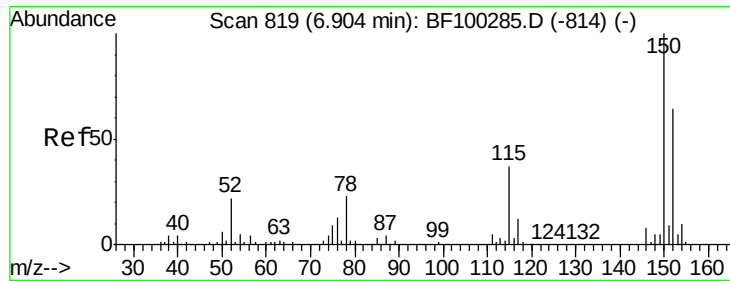
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration



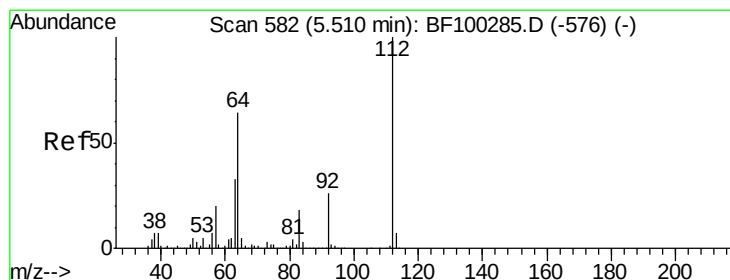
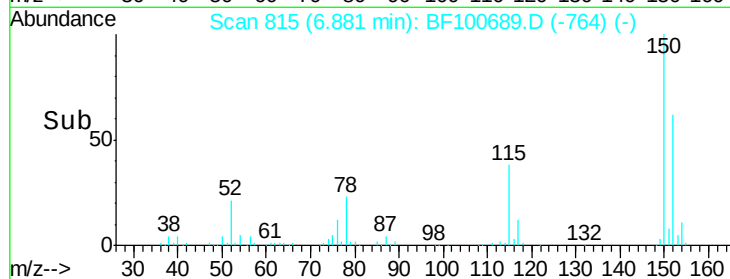
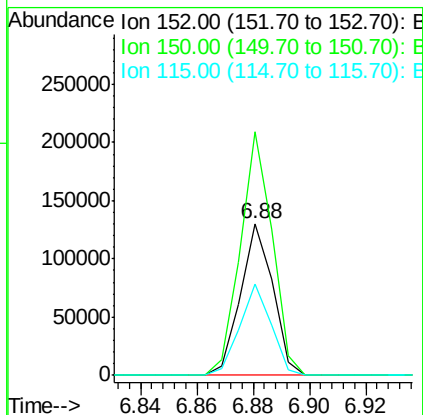
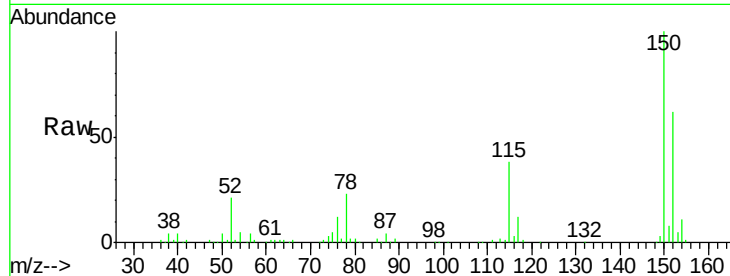


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SP-1-A

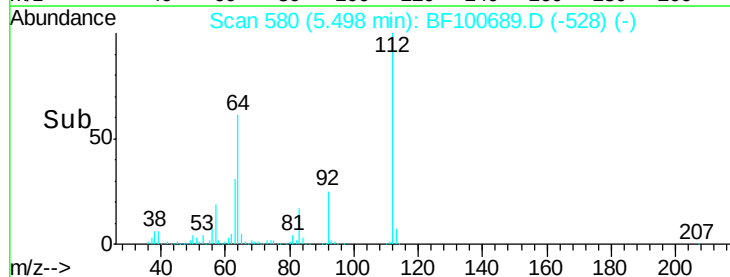
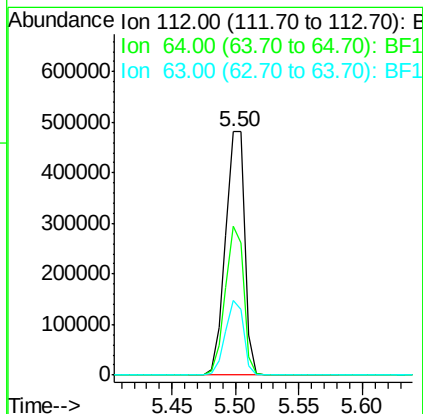
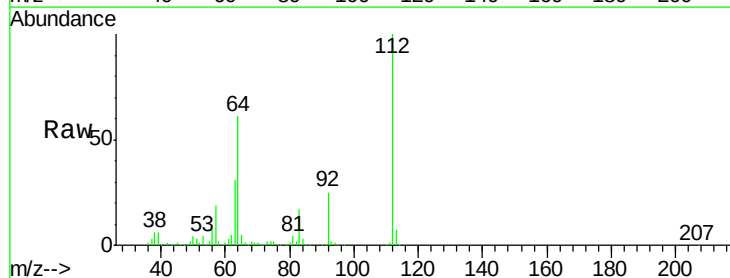
Tgt Ion:152 Resp: 104116
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 60.3 50.1 75.1

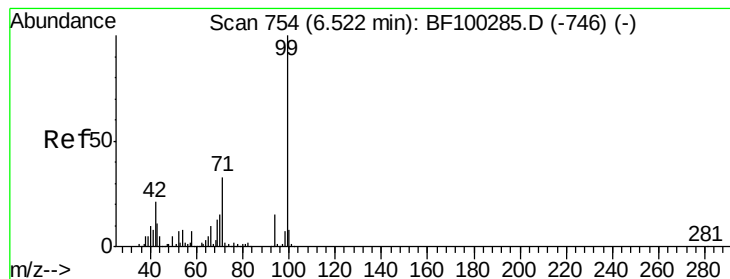


#5

2-Fluorophenol
Concen: 77.95 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Tgt Ion:112 Resp: 506276
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 77.26 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SP-1-A

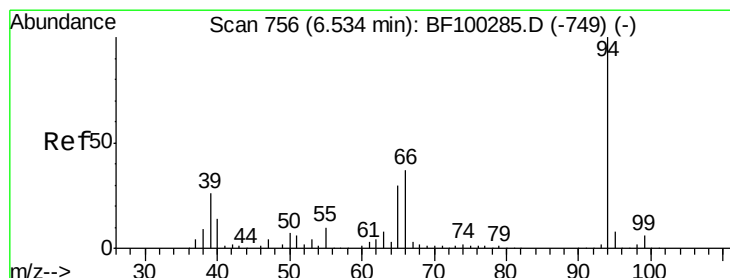
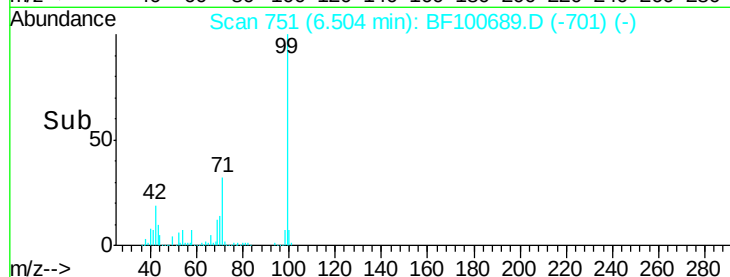
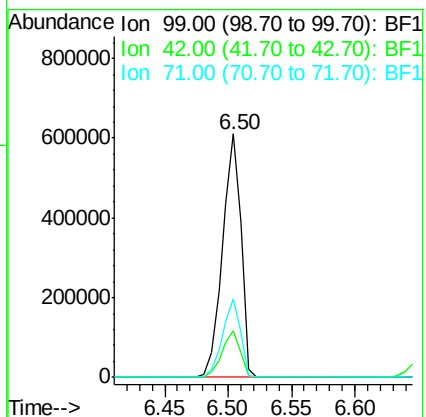
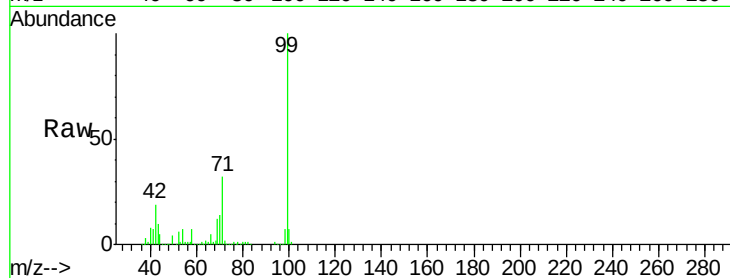
Tgt Ion: 99 Resp: 618775

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.77 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

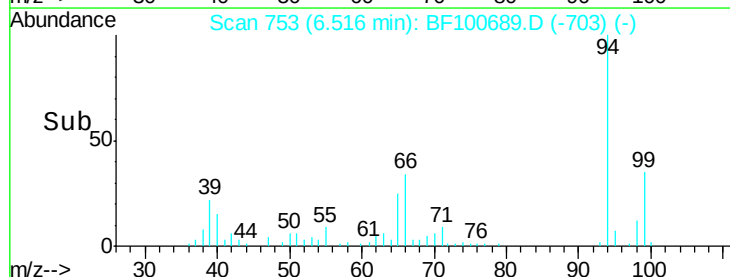
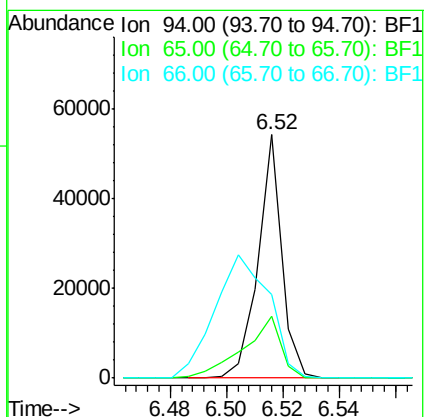
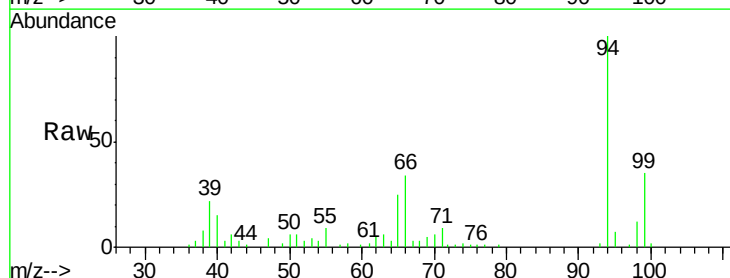
Tgt Ion: 94 Resp: 31684

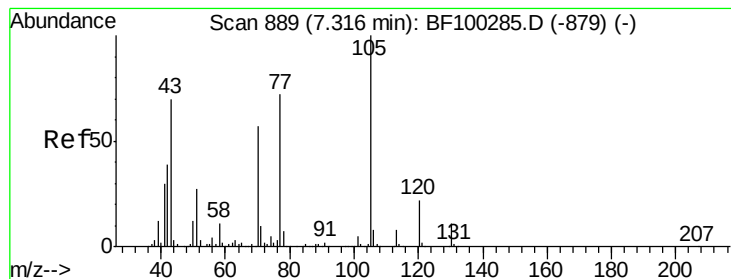
Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

66 34.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 8.69 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SP-1-A

Tgt Ion: 70 Resp: 48273

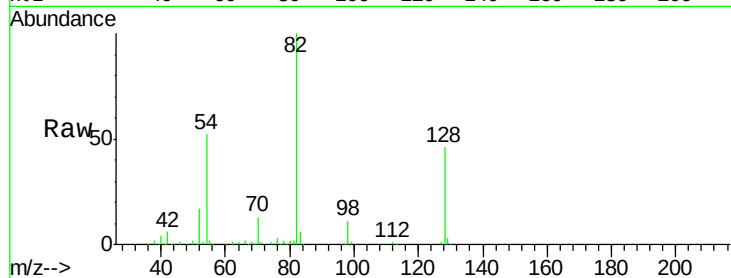
Ion Ratio Lower Upper

70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

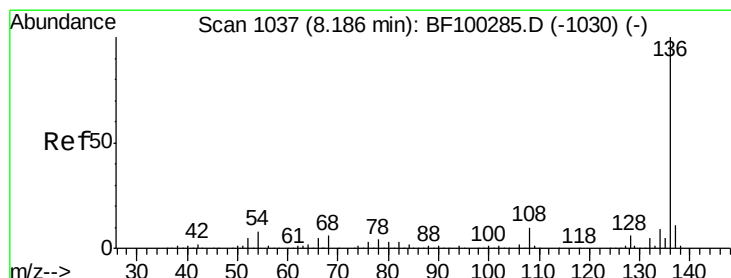
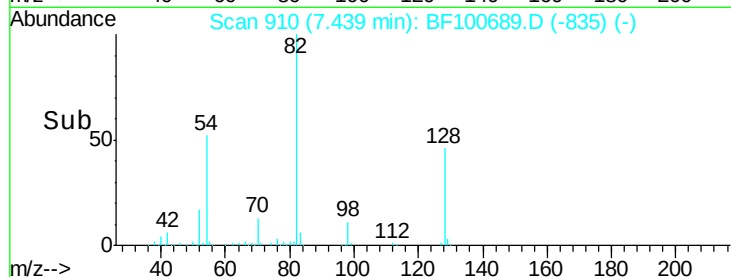
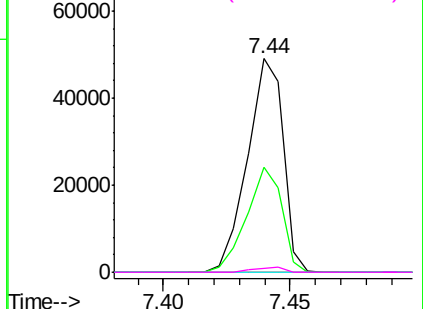


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100689.D

Acq: 17 Nov 2017 22:24

Tgt Ion: 136 Resp: 404219

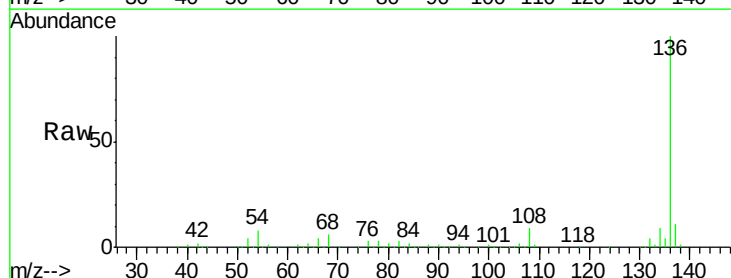
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

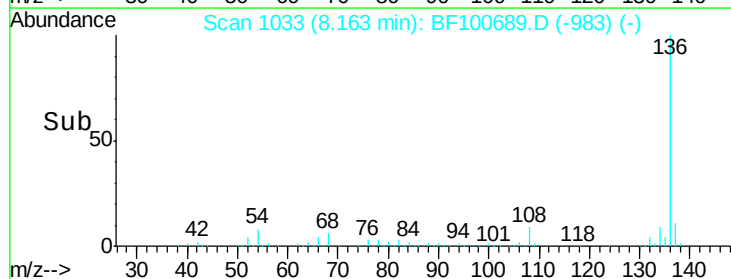
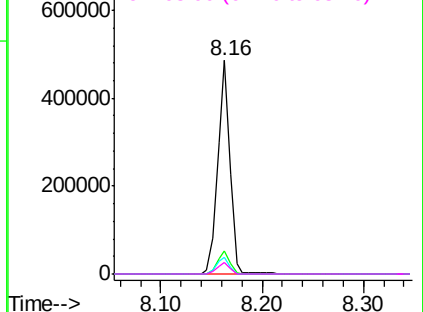


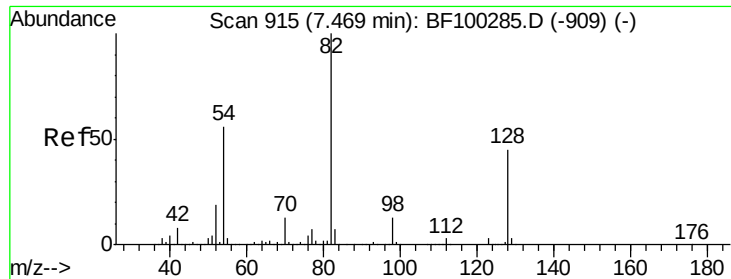
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

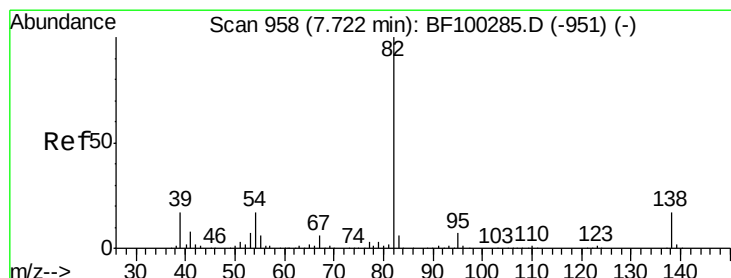
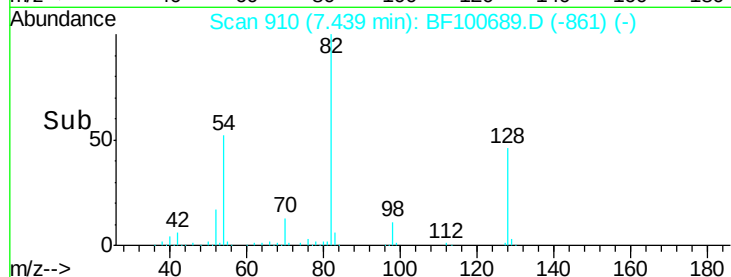
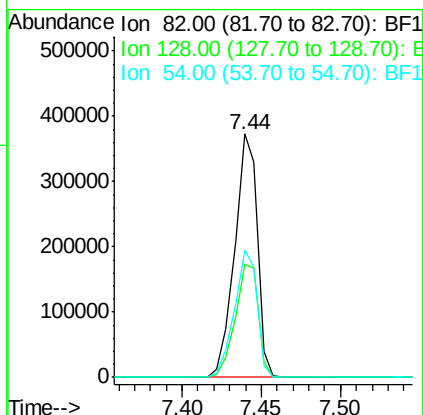
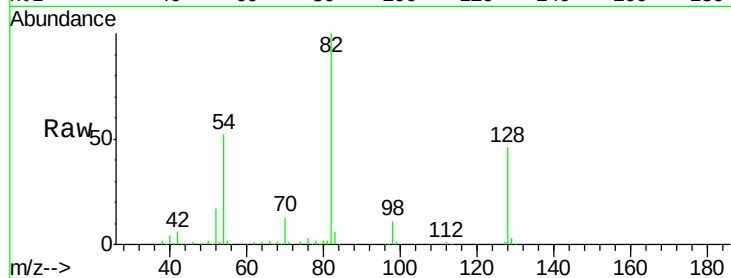




#23
 Nitrobenzene-d5
 Concen: 60.34 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

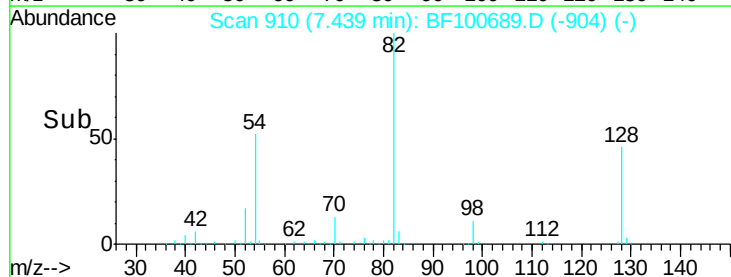
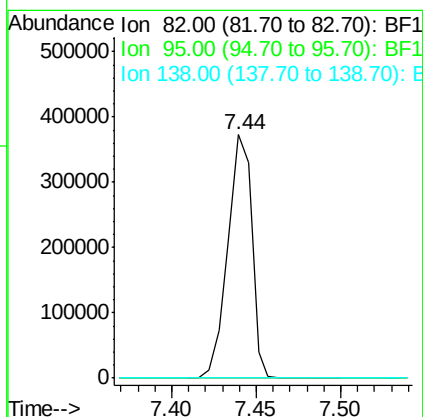
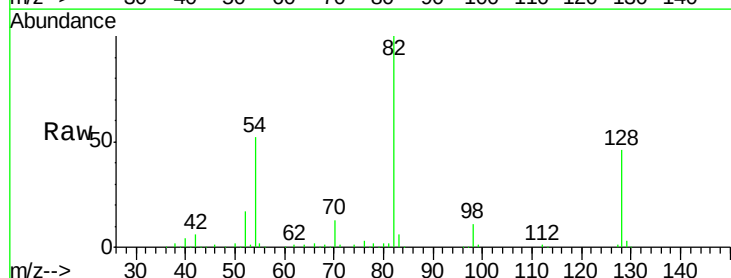
Instrument :
 BNA_F
 ClientSampleID :
 SP-1-A

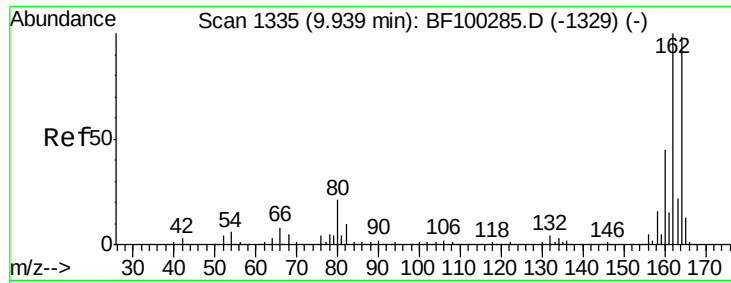
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.1	41.4	62.2



#25
 Isophorone
 Concen: 28.71 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

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

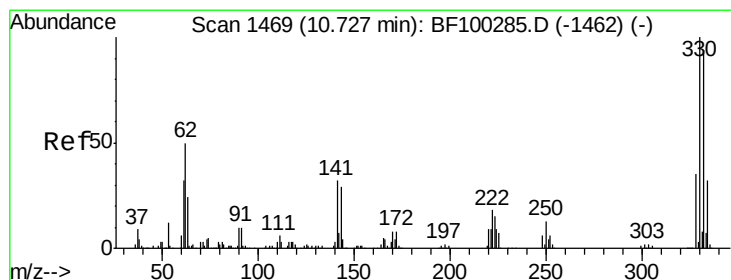
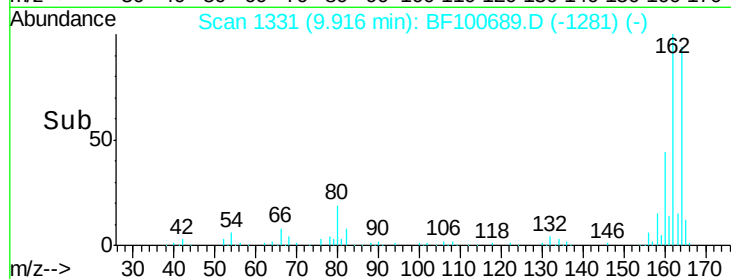
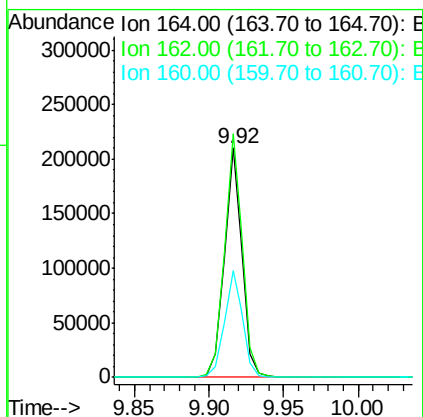
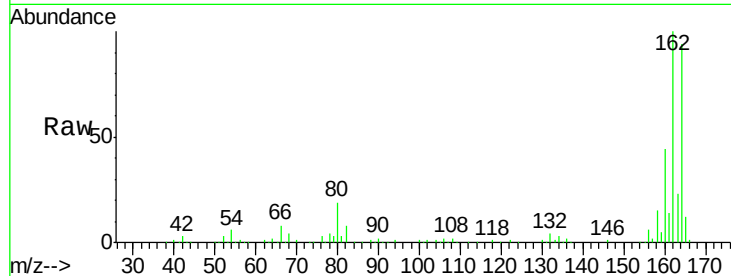




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

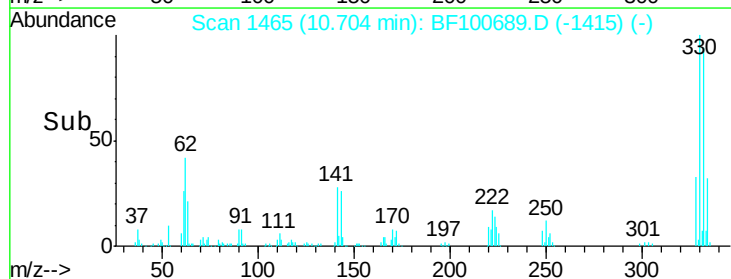
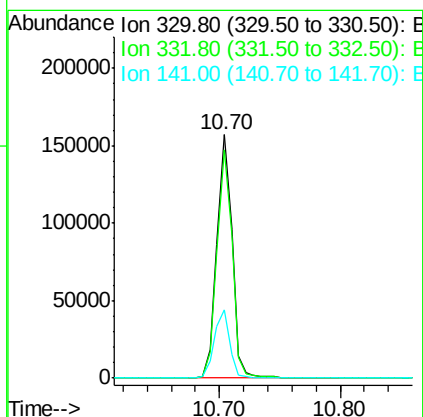
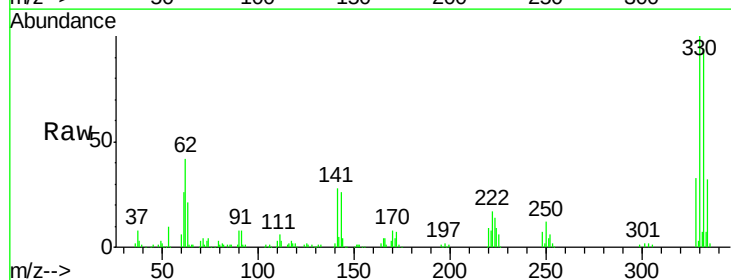
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

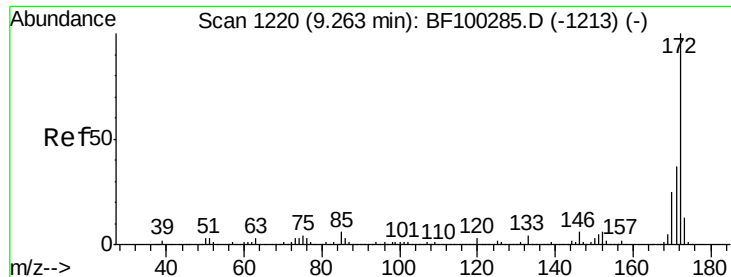
Tgt Ion:164 Resp: 175491
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 75.67 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Tgt Ion:330 Resp: 135312
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 28.1 29.9 44.9#

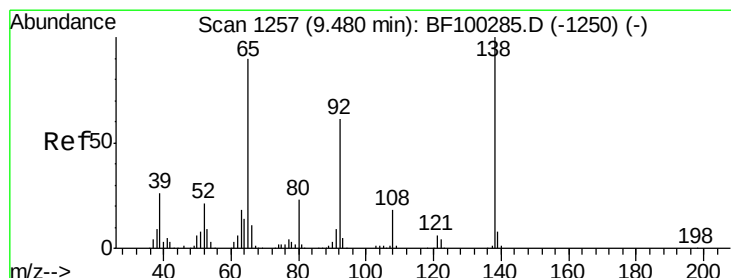
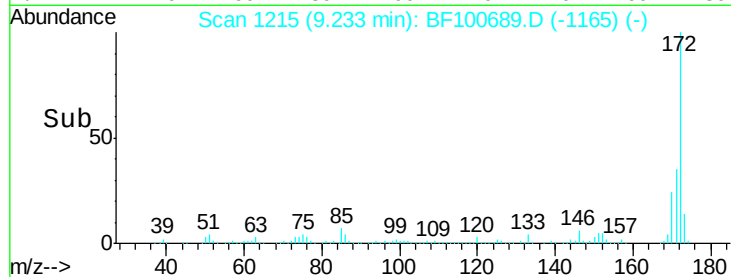
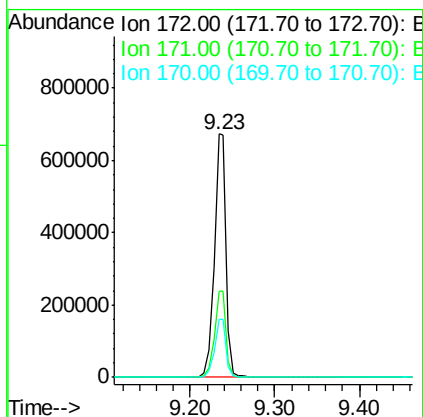
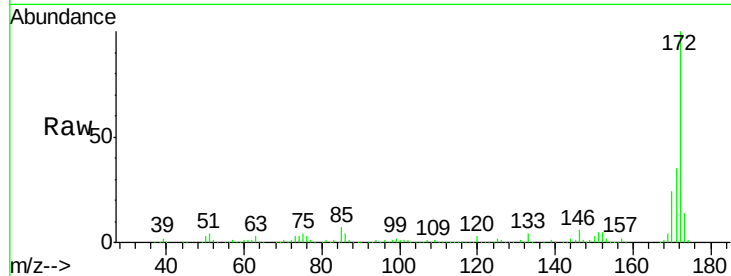




#44
 2-Fluorobiphenyl
 Concen: 58.13 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

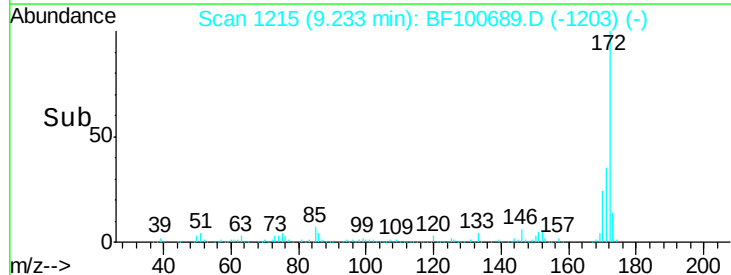
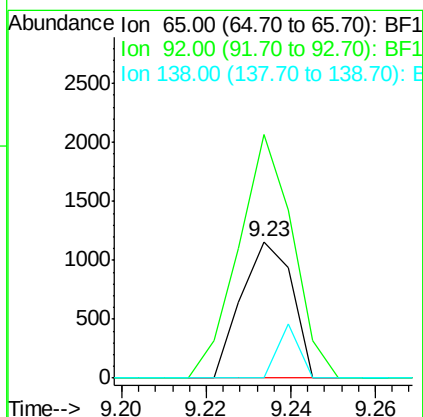
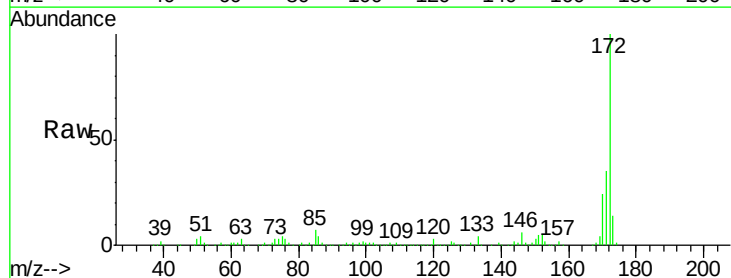
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

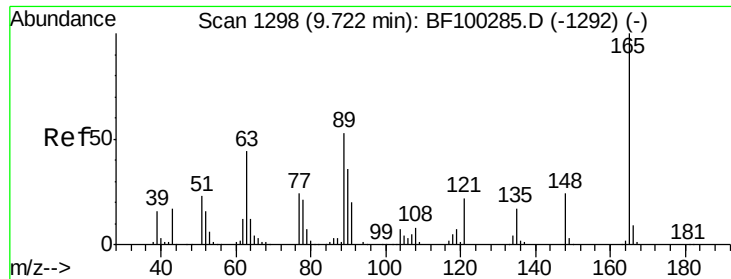
Tgt Ion: 172 Resp: 669990
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.06 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Tgt Ion: 65 Resp: 966
 Ion Ratio Lower Upper
 65 100
 92 178.7 55.8 83.6#
 138 0.0 91.2 136.8#

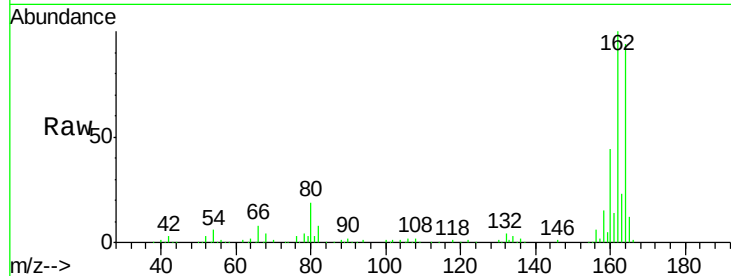




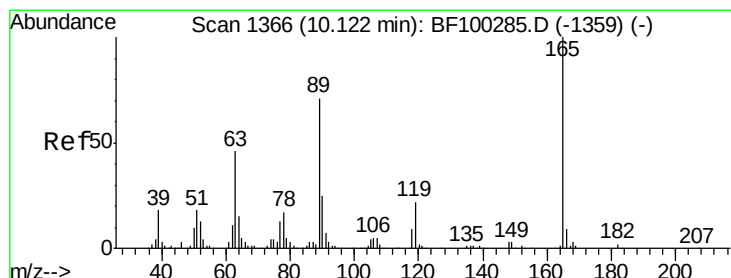
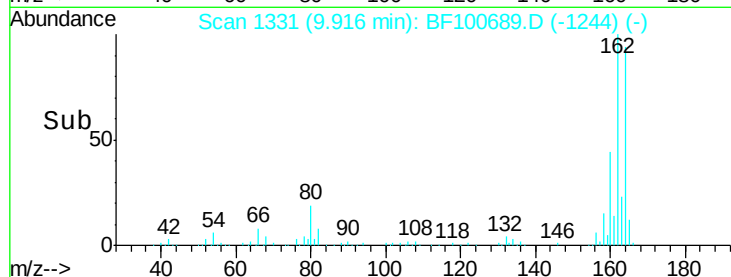
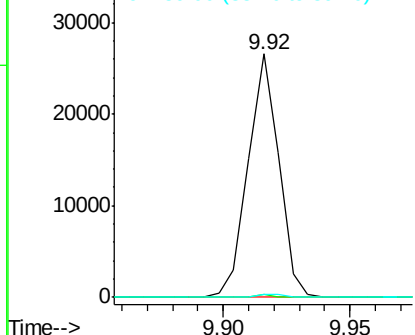
#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:165 Resp: 22572
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.2 44.0 66.0#



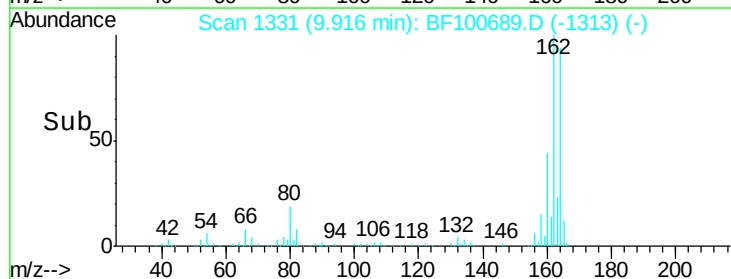
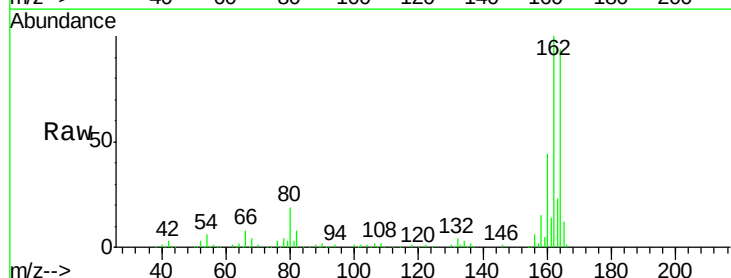
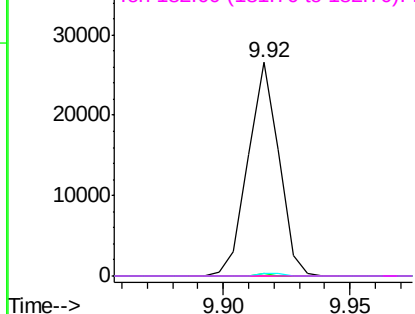
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

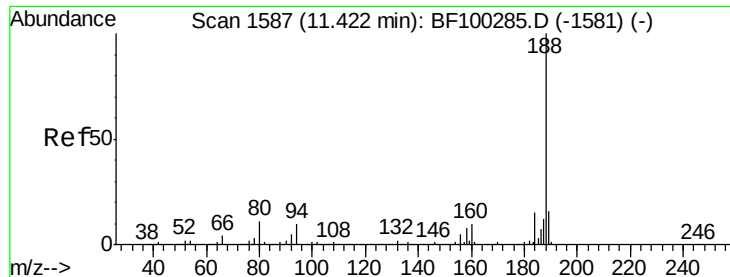


#56
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Tgt Ion:165 Resp: 22572
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

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
Ion 182.00 (181.70 to 182.70): E

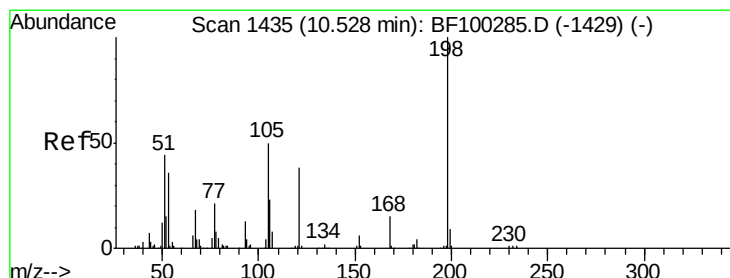
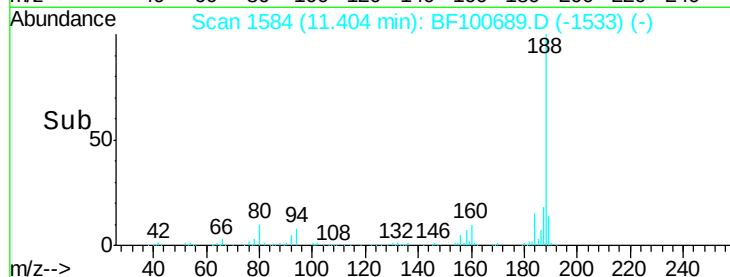
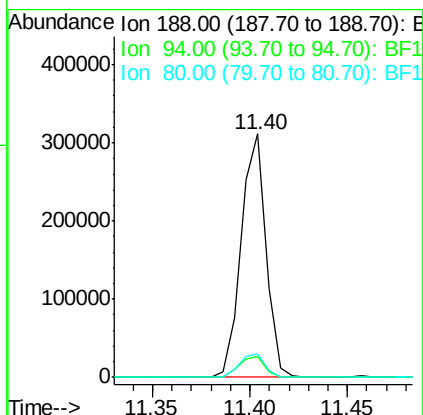
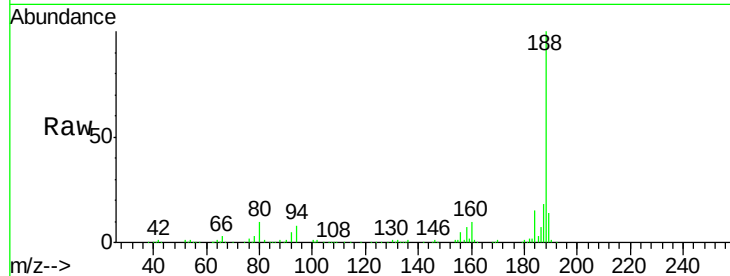




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

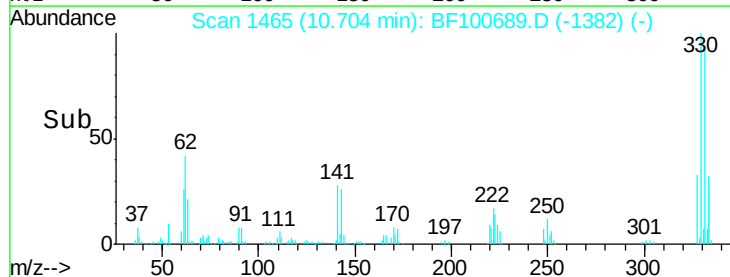
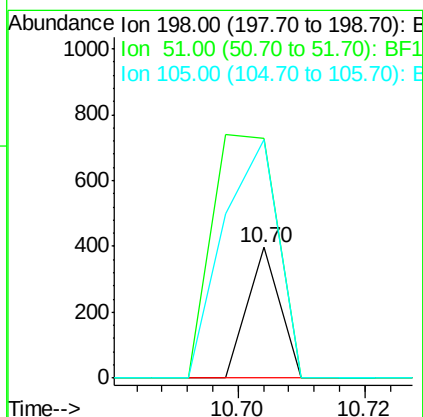
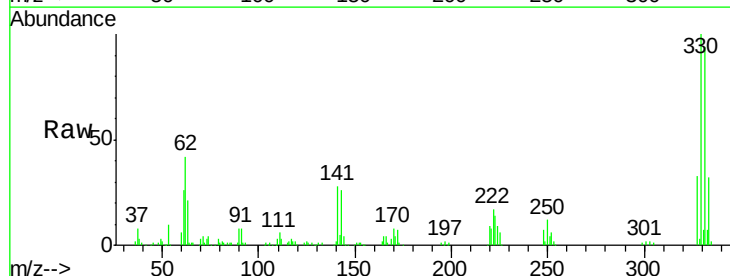
Instrument :
BNA_F
ClientSampleId :
SP-1-A

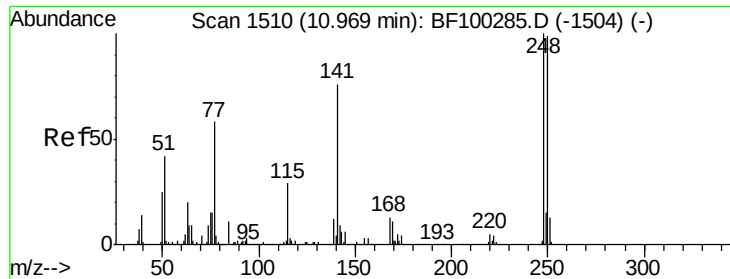
Tgt Ion:188 Resp: 274737
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.65 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100689.D
Acq: 17 Nov 2017 22:24

Tgt Ion:198 Resp: 140
Ion Ratio Lower Upper
198 100
51 183.1 37.7 77.7#
105 182.4 36.3 76.3#

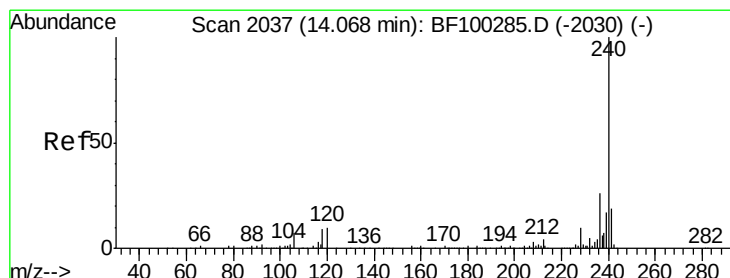
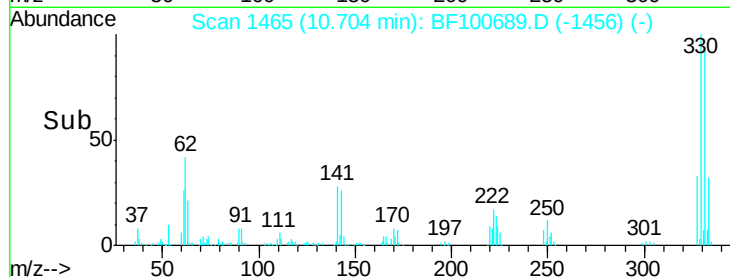
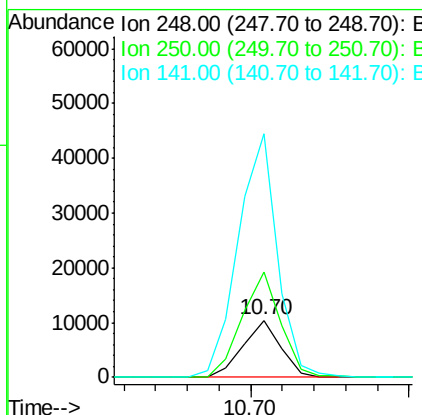
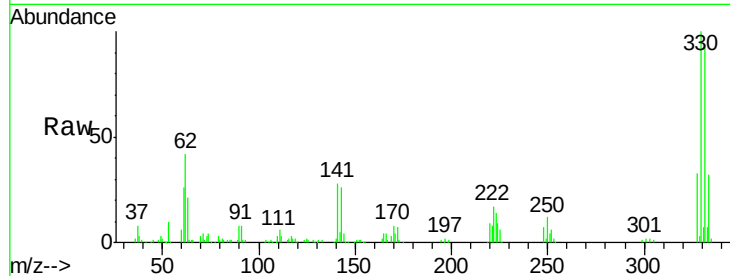




#66
 4-Bromophenyl-phenylether
 Concen: 2.89 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

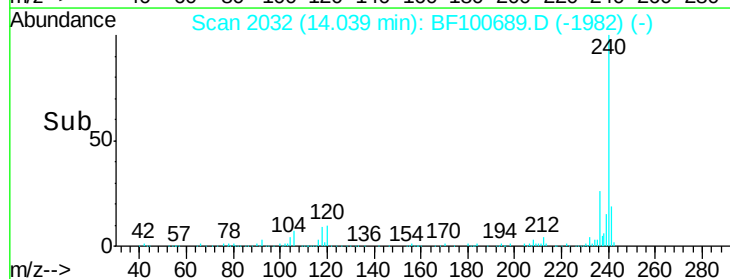
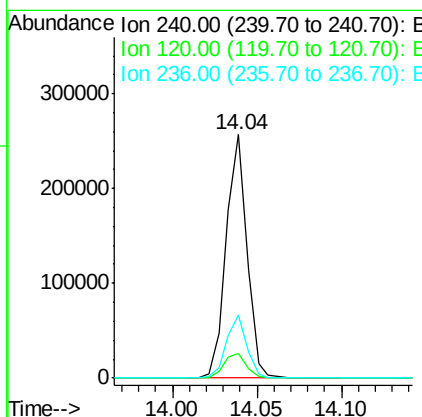
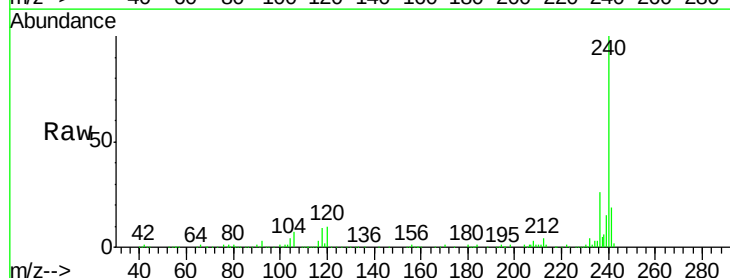
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

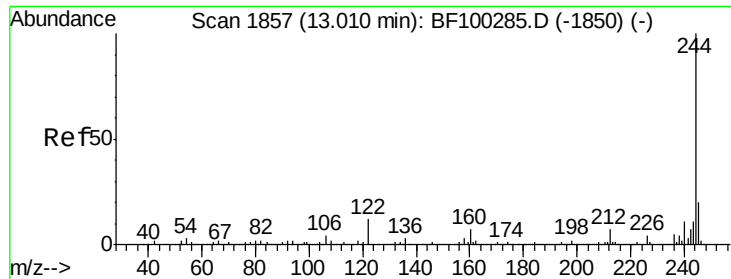
Tgt Ion	Ratio	Lower	Upper
248	100		
250	185.2	76.9	115.3#
141	429.4	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.8	20.7	31.1

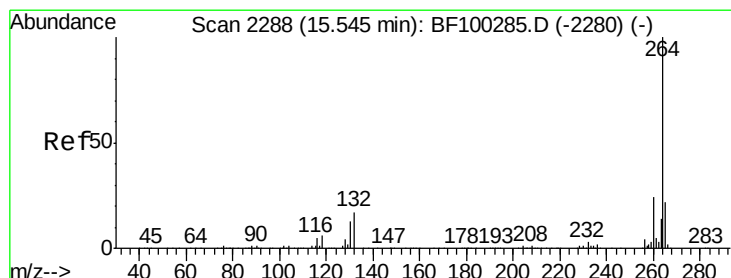
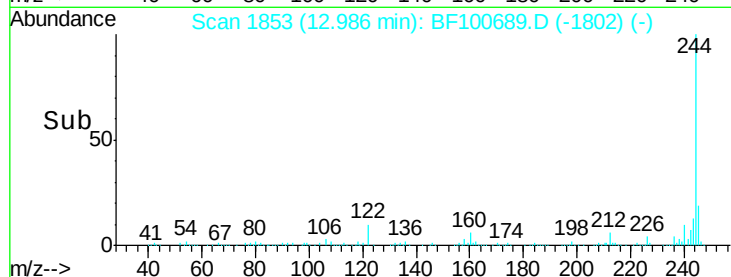
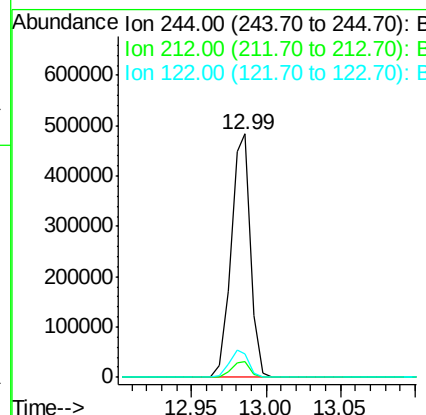
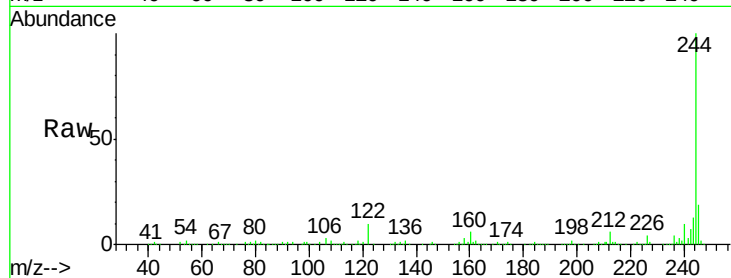




#78
 Terphenyl-d14
 Concen: 46.61 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

Tgt Ion: 244 Resp: 446292
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100689.D
 Acq: 17 Nov 2017 22:24

Tgt Ion: 264 Resp: 239888
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.7 17.5 26.3

