

Data File : BF100753.D
Acq On : 21 Nov 2017 1:41
Operator : SJ/JU
Sample : I6535-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

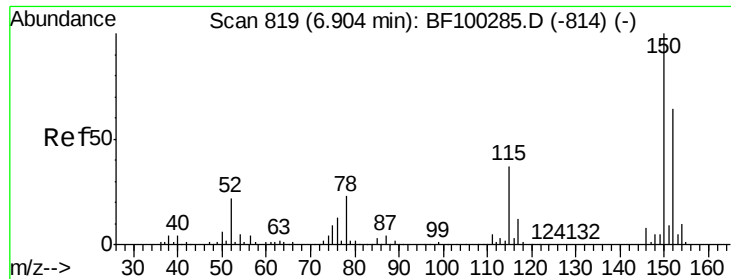
Quant Time: Nov 21 03:33:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88640	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	335190	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	131124	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	199570	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	202990	20.00	ng	-0.01
86) Perylene-d12	15.50	264	171379	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	573067	103.63	ng	0.00
7) Phenol-d6	6.50	99	683190	100.19	ng	-0.01
23) Nitrobenzene-d5	7.43	82	409187	80.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	127235	95.22	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	736250	85.50	ng	-0.01
78) Terphenyl-d14	12.98	244	525701	59.51	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	11974	2.46	ng	84
10) Phenol	6.51	94	25702	3.59	ng	97
19) n-Nitroso-di-n-propylamine	7.43	70	53367	11.29	ng	# 78
25) Isophorone	7.43	82	409182	38.41	ng	# 64
47) 2-Nitroaniline	9.62	65	489	2.97	ng	# 1
49) Dimethylphthalate	9.62	163	72143	7.21	ng	100
56) 2,4-Dinitrotoluene	9.91	165	16343	6.54	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	118	8.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8042	3.76	ng	# 1

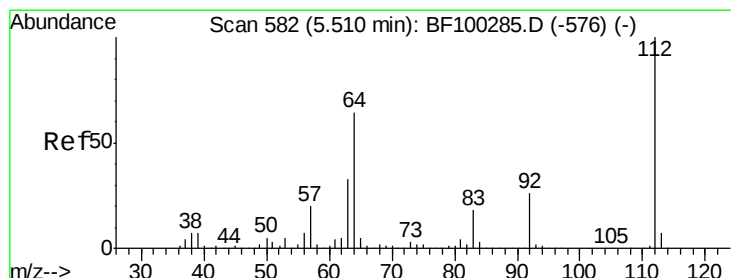
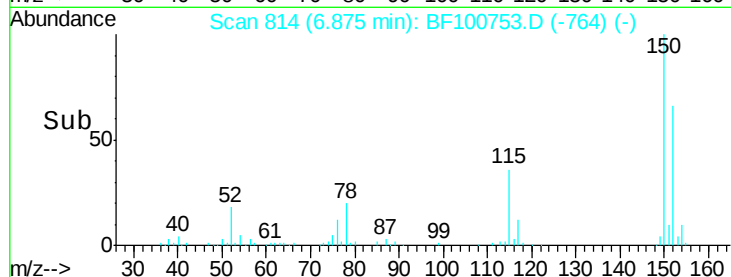
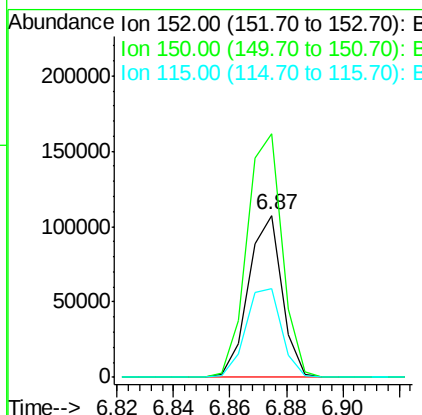
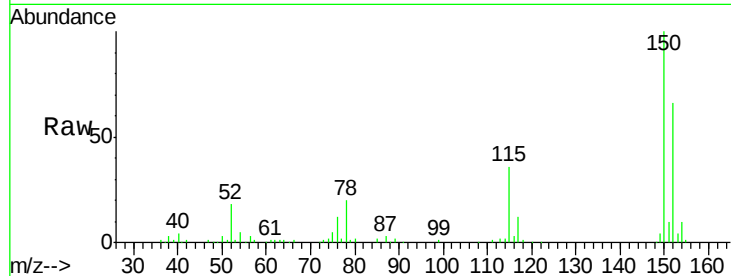
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

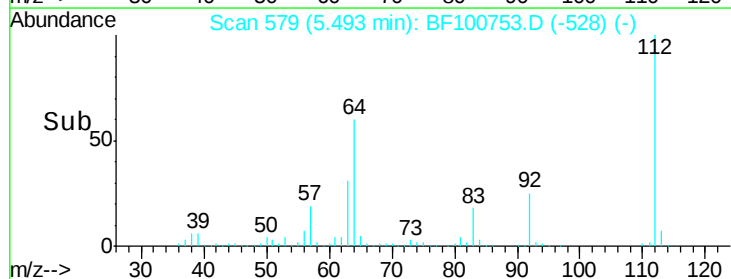
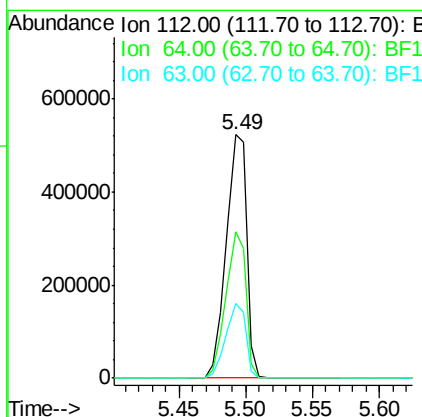
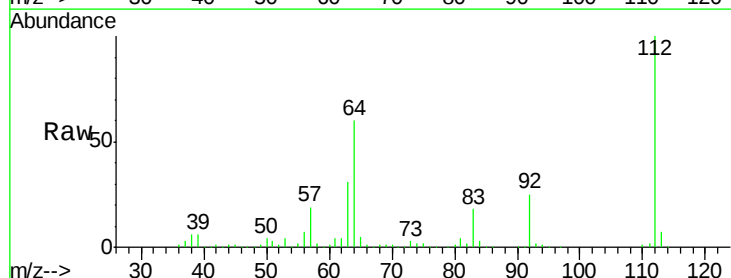
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Tgt Ion:152 Resp: 88640
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.6 186.8
 115 54.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 103.63 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

Tgt Ion:112 Resp: 573067
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 100.19 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

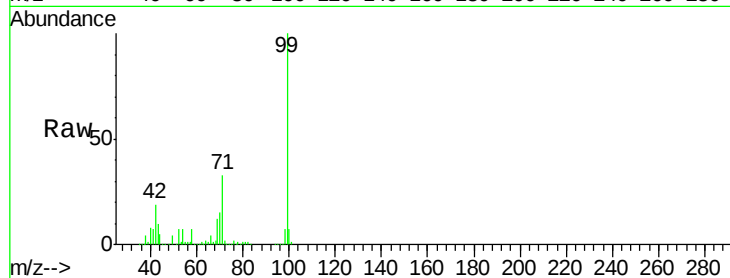
Tgt Ion: 99 Resp: 683190

Ion Ratio Lower Upper

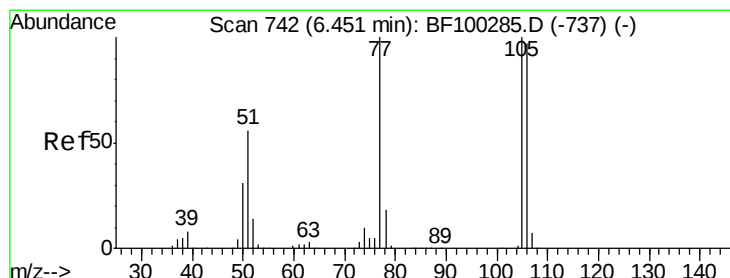
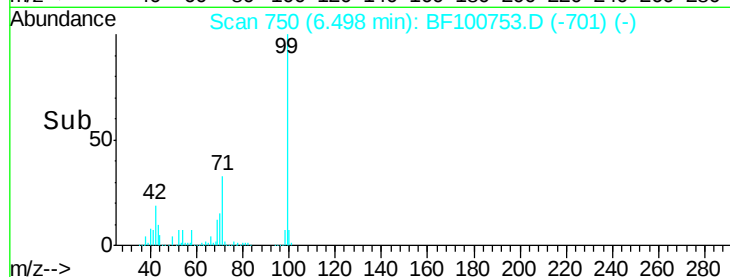
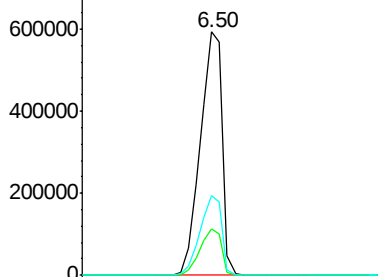
99 100

42 19.3 14.5 21.7

71 32.5 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: 2.46 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

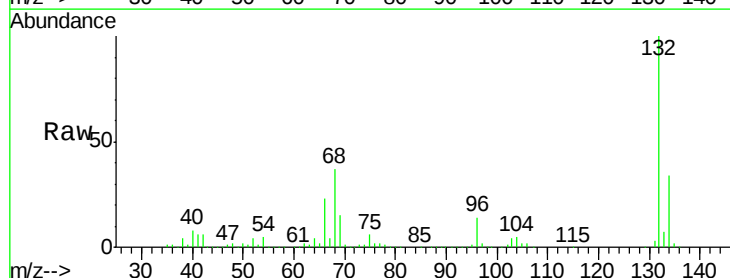
Tgt Ion: 77 Resp: 11974

Ion Ratio Lower Upper

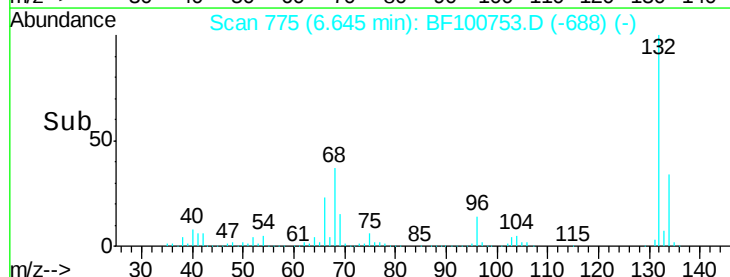
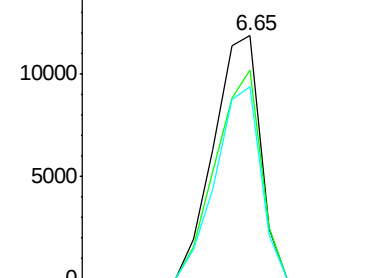
77 100

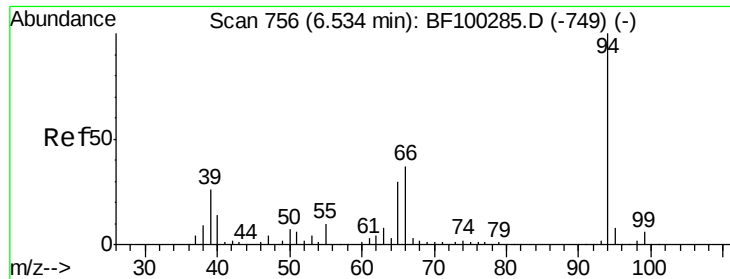
105 85.8 81.1 121.1

106 79.0 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





#10

Phenol

Concen: 3.59 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

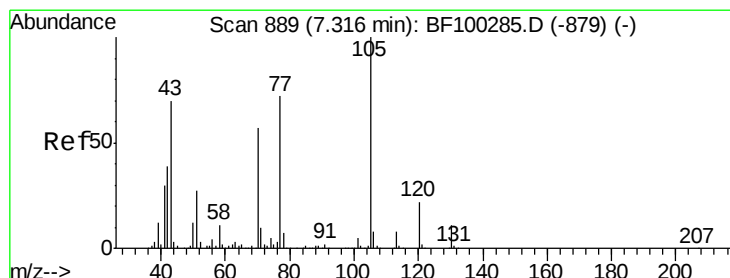
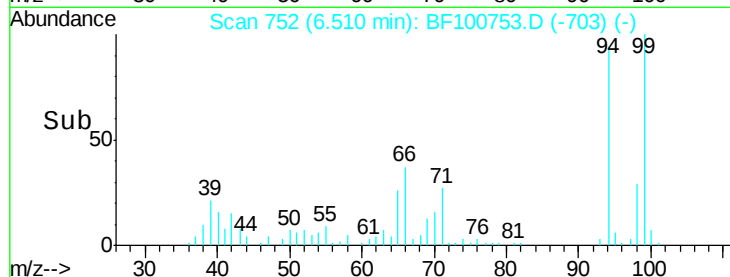
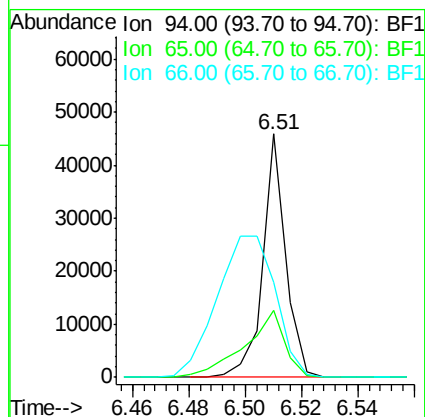
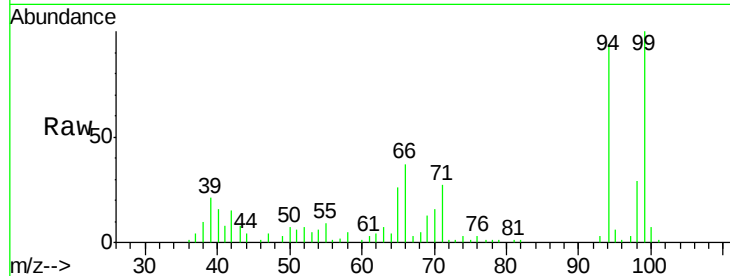
Tgt Ion: 94 Resp: 25702

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

66 38.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.29 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

Tgt Ion: 70 Resp: 53367

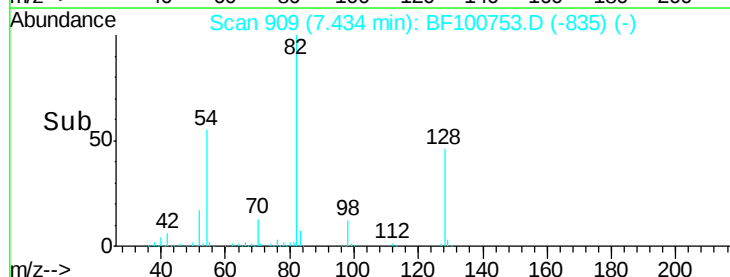
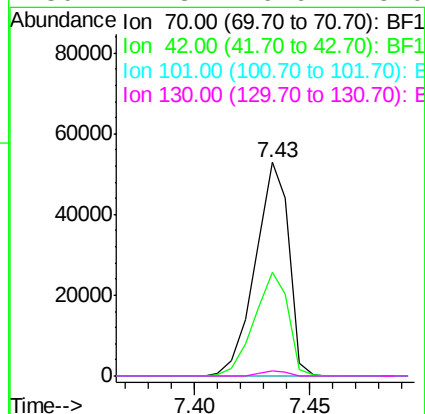
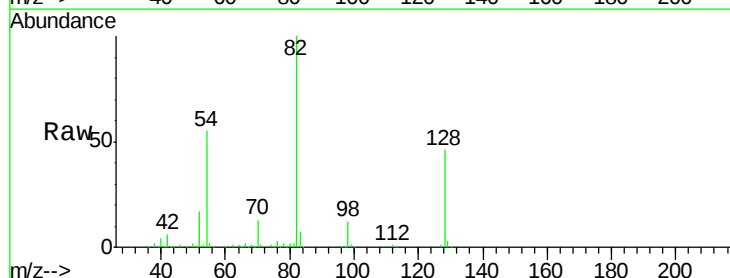
Ion Ratio Lower Upper

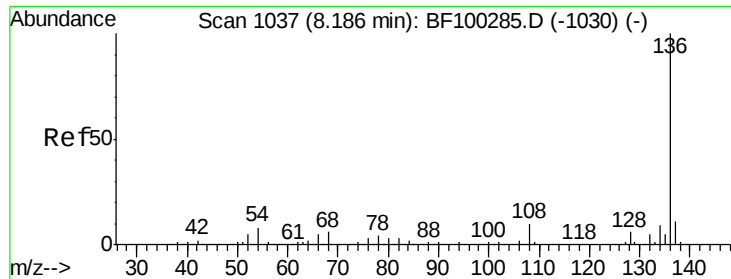
70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

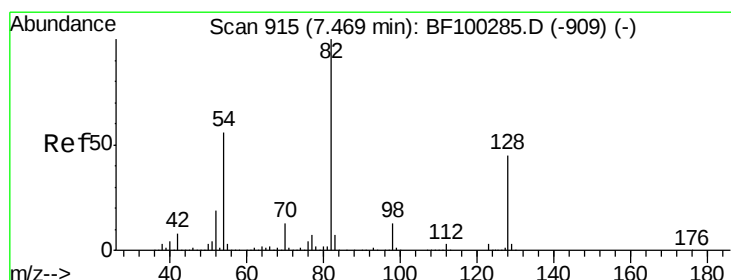
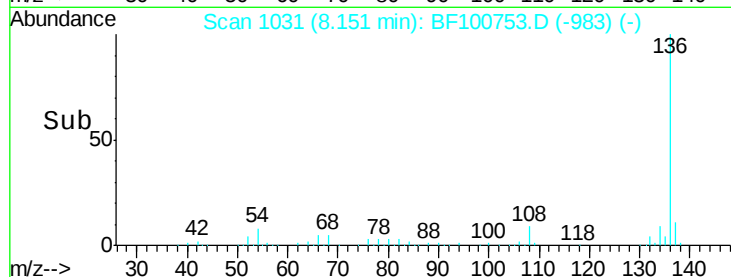
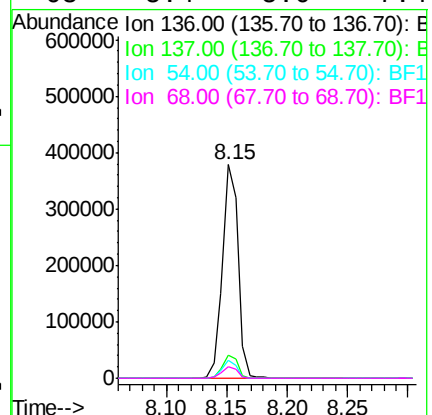
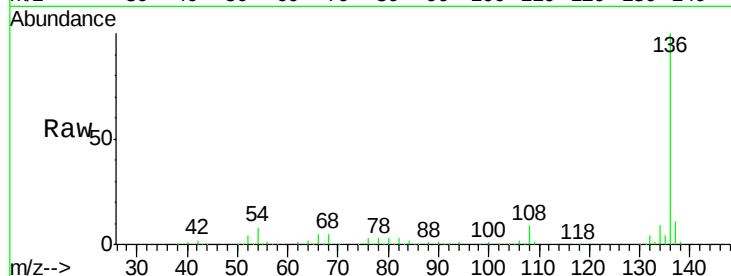




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

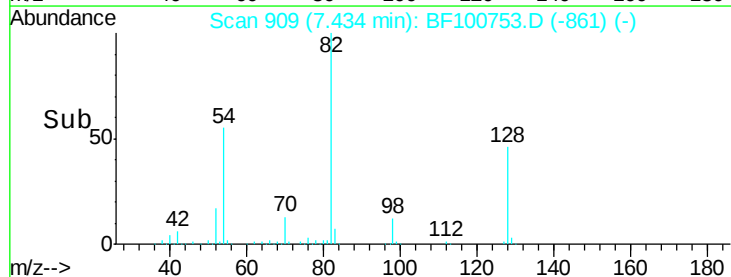
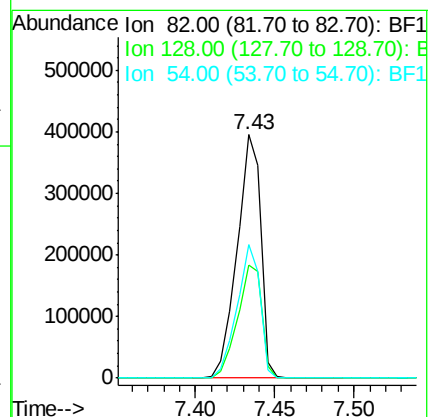
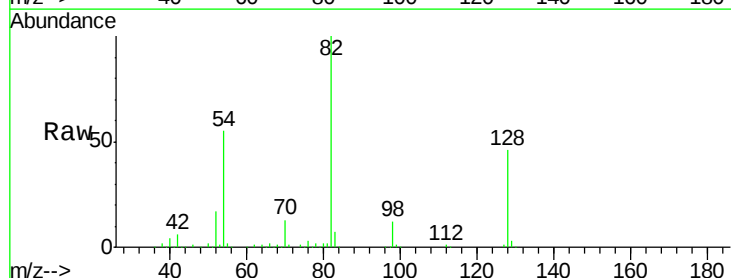
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

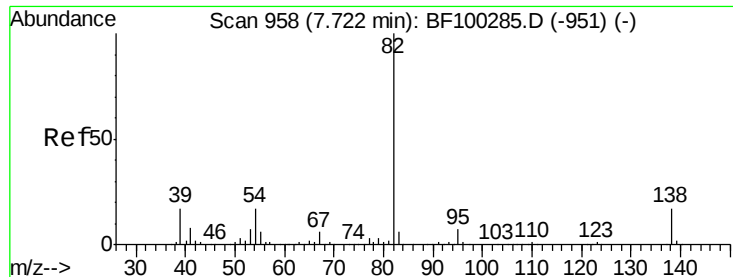
Tgt Ion:	136	Resp:	335190
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.71 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

Tgt Ion:	82	Resp:	409187
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	54.6	41.4	62.2





#25

Isophorone

Concen: 38.41 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

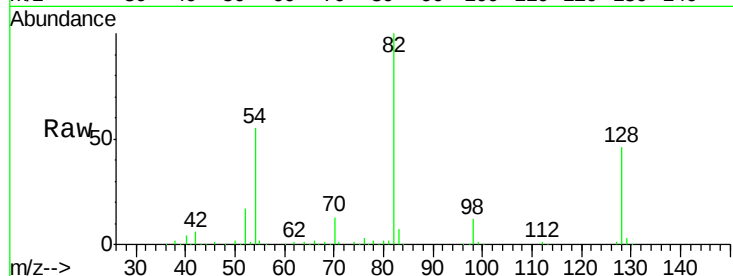
Tgt Ion: 82 Resp: 409182

Ion Ratio Lower Upper

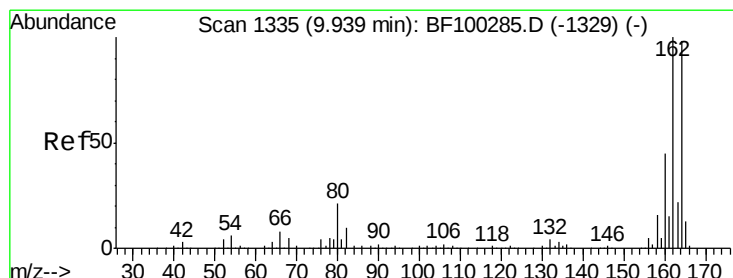
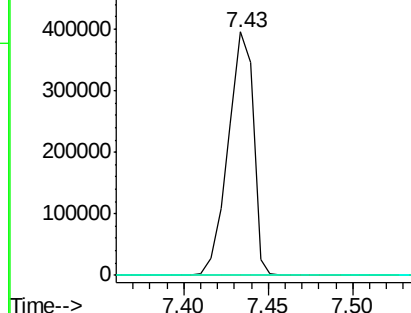
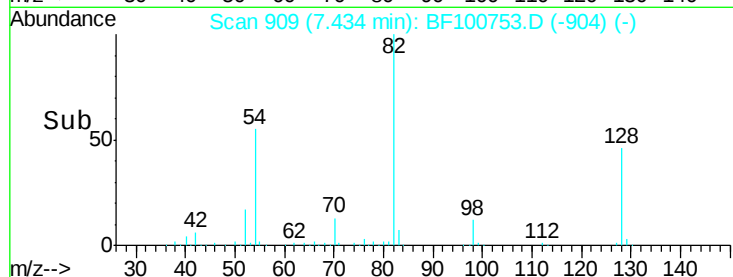
82 100

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: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

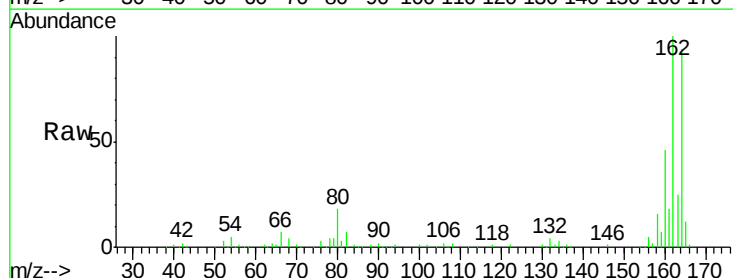
Tgt Ion: 164 Resp: 131124

Ion Ratio Lower Upper

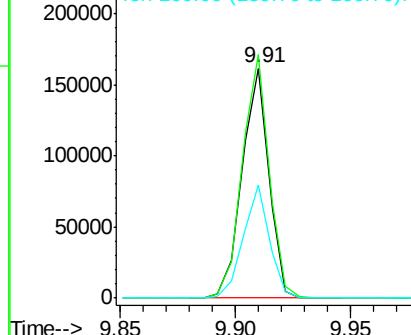
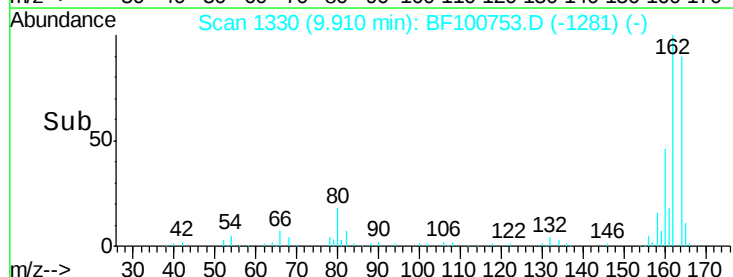
164 100

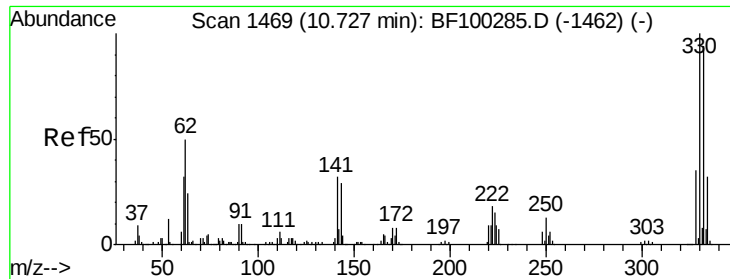
162 106.1 86.1 129.1

160 49.3 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

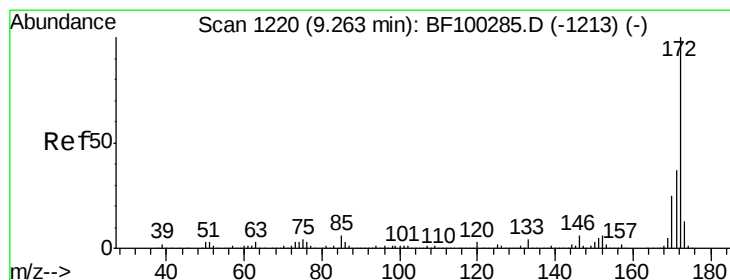
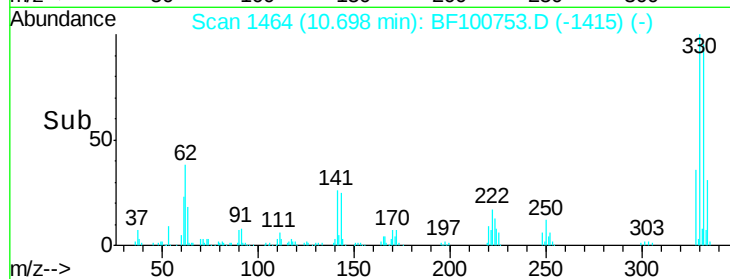
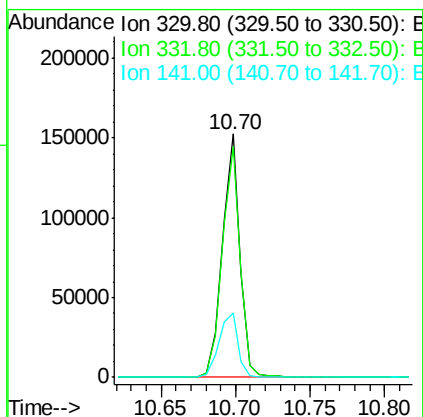
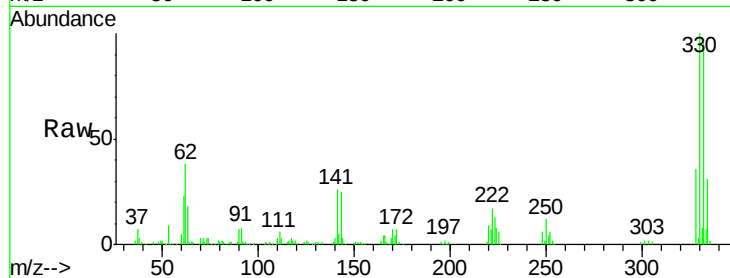




#41
 2,4,6-Tribromophenol
 Concen: 95.22 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

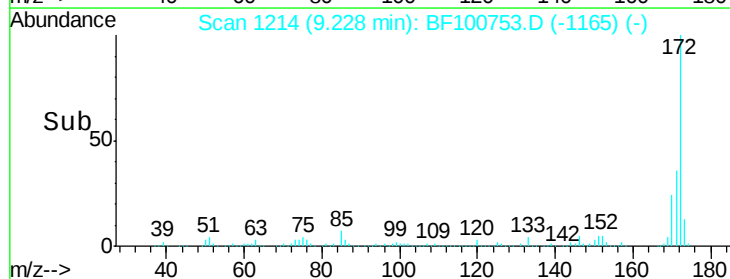
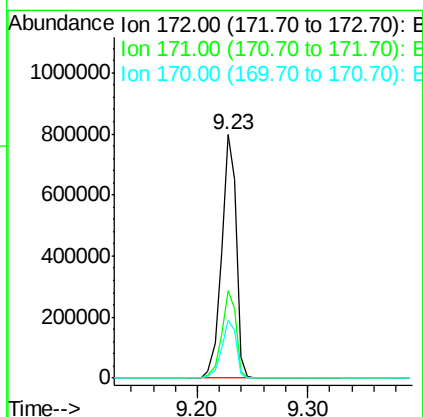
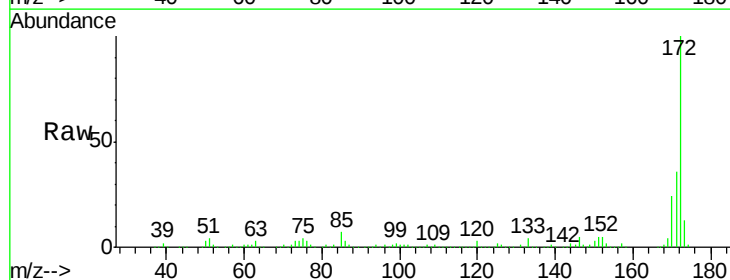
Instrument :
 BNA_F
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 RT-4252-RT-3025-RT-2342

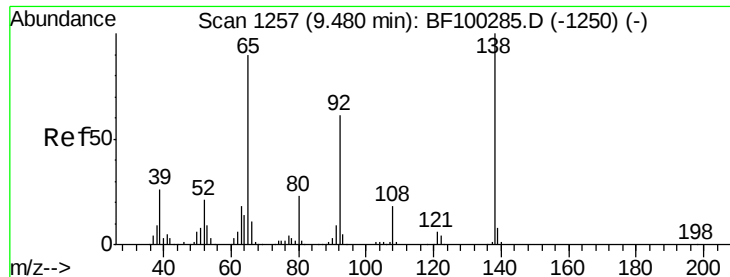
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

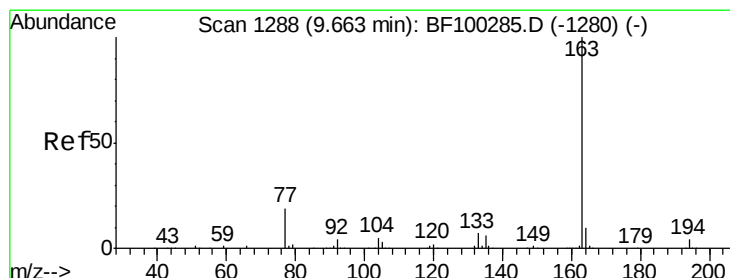
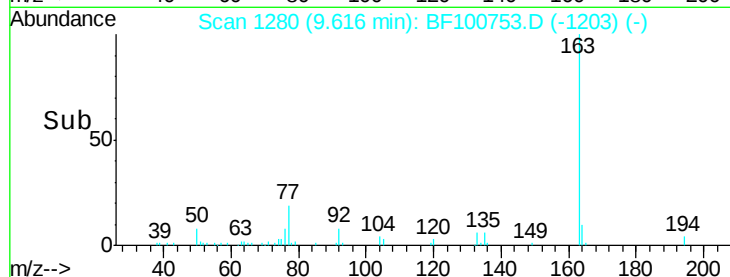
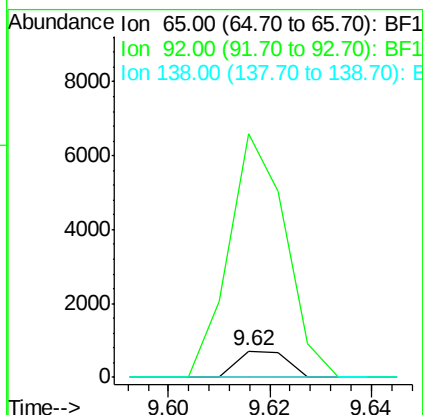
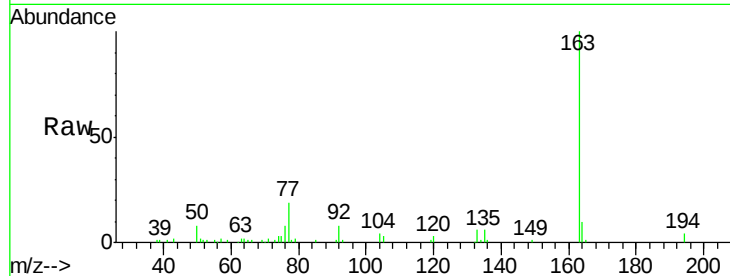




#47
2-Nitroaniline
Concen: 2.97 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

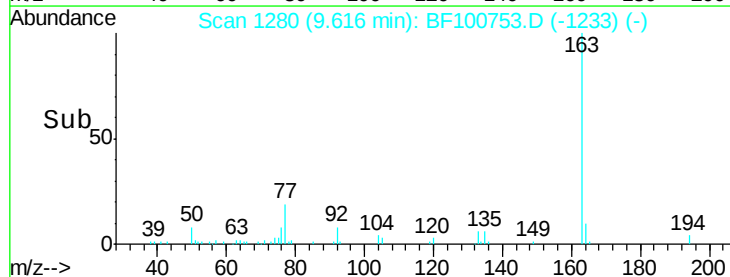
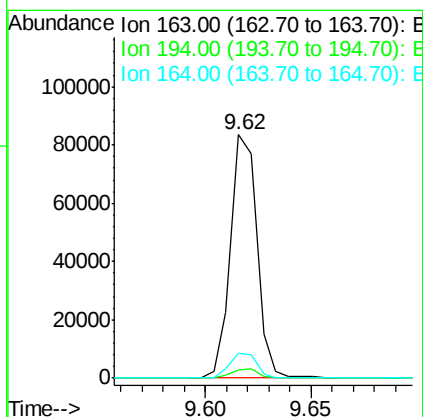
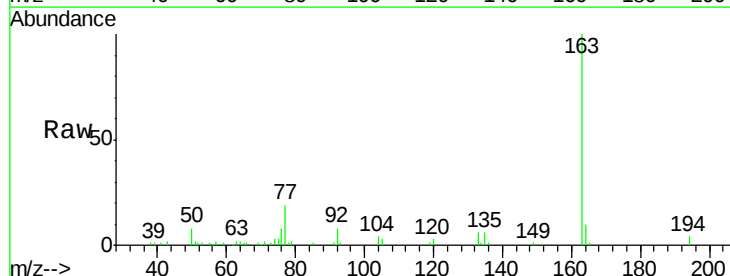
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

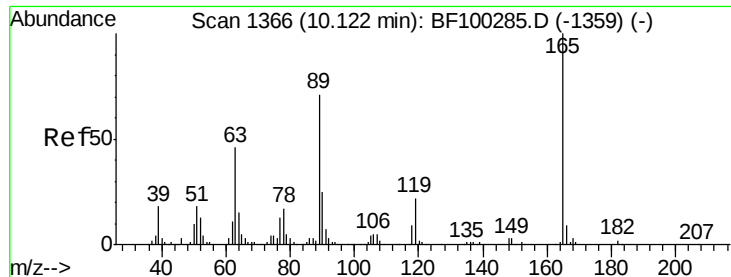
Tgt Ion: 65 Resp: 489
Ion Ratio Lower Upper
65 100
92 916.8 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 7.21 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

Tgt Ion: 163 Resp: 72143
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

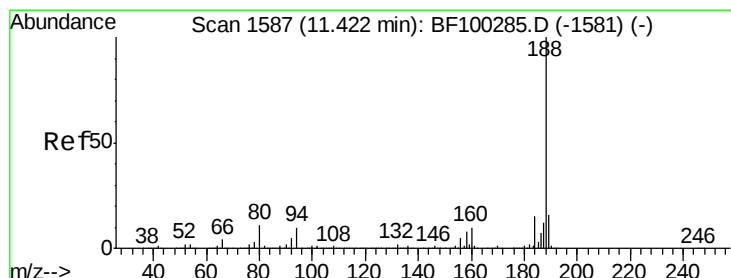
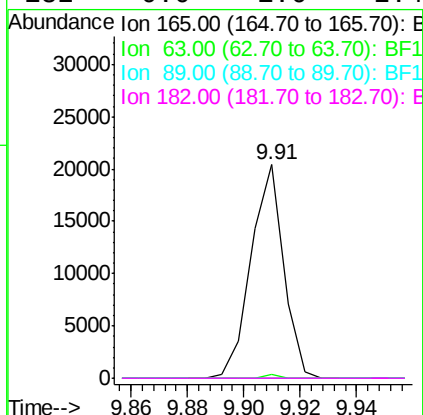
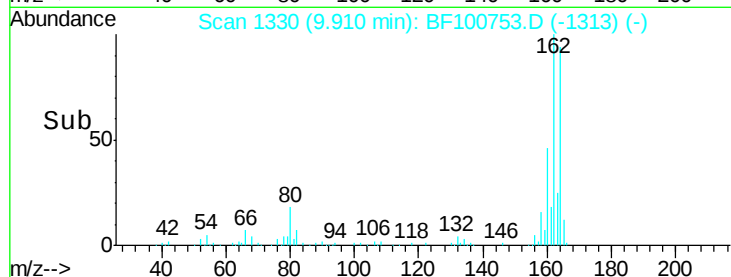
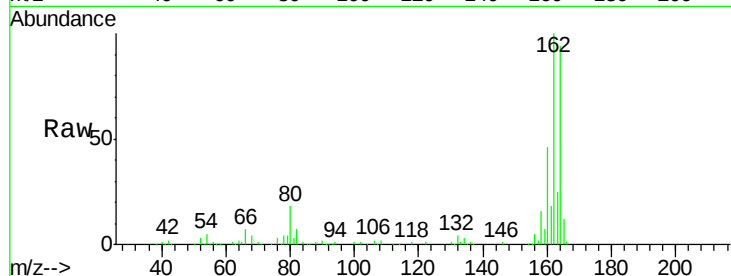




#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

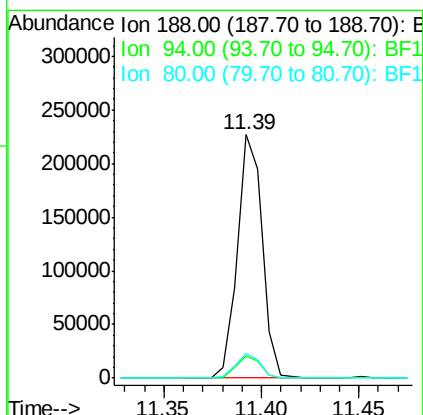
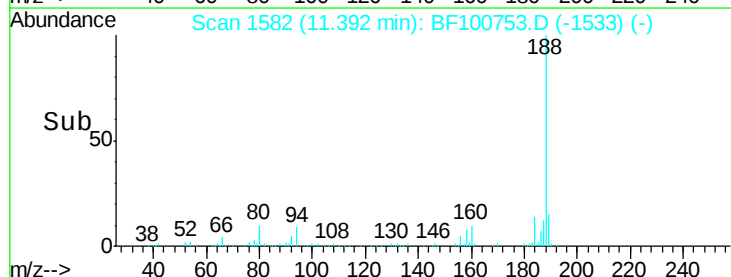
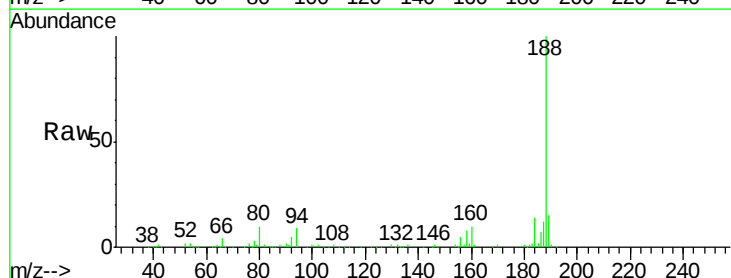
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100753.D
 Acq: 21 Nov 2017 1:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.4	9.2	13.8

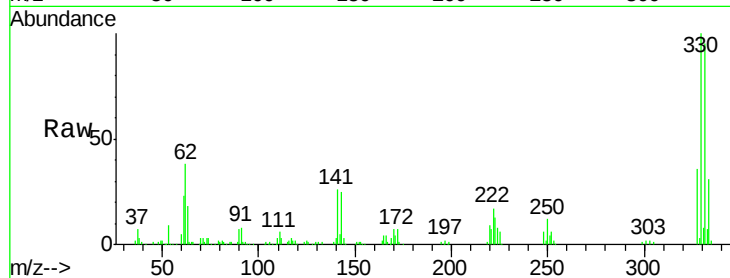




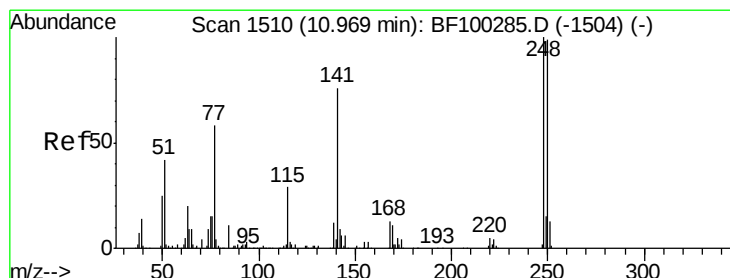
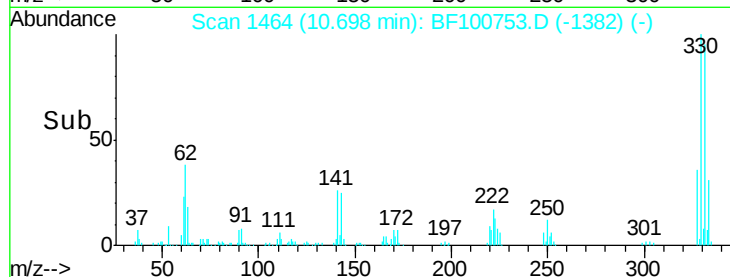
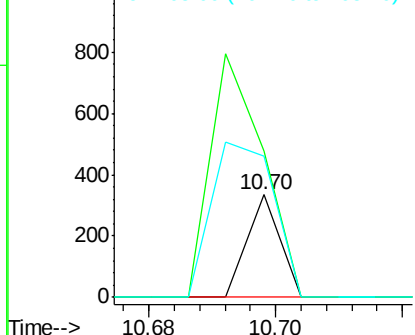
#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

Tgt Ion:198 Resp: 118
Ion Ratio Lower Upper
198 100
51 142.7 37.7 77.7#
105 137.6 36.3 76.3#

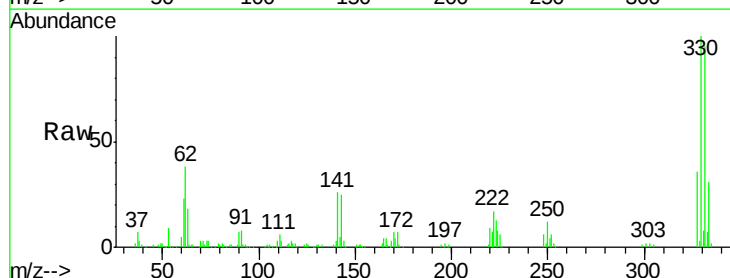


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

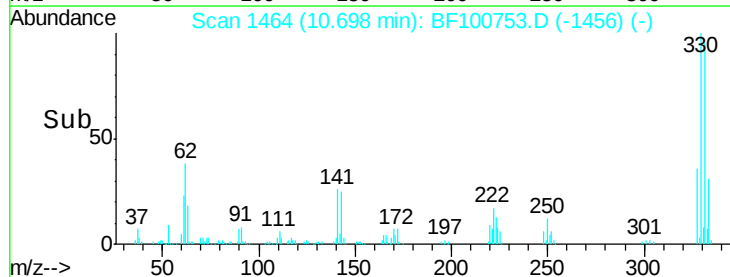
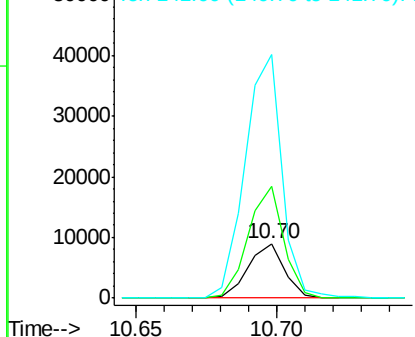


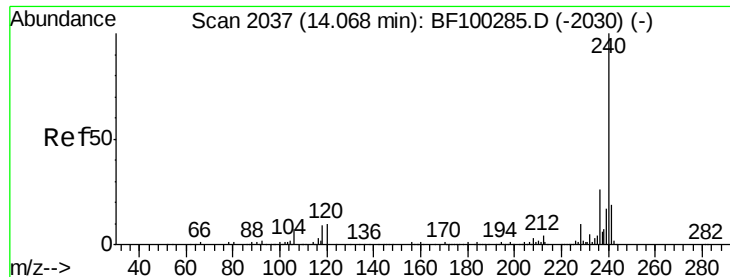
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

Tgt Ion:248 Resp: 8042
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 447.0 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: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

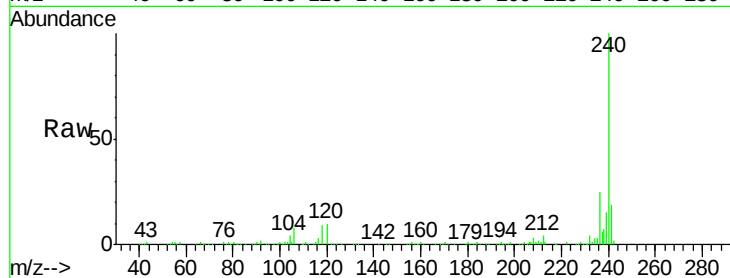
Tgt Ion:240 Resp: 202990

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

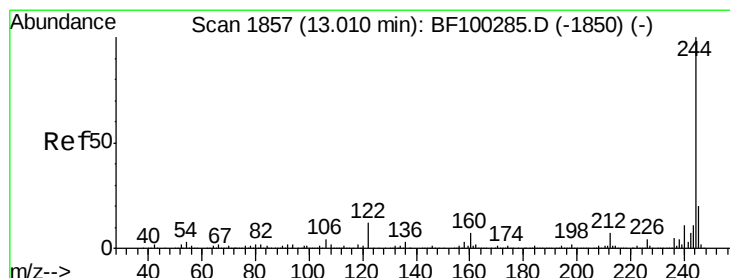
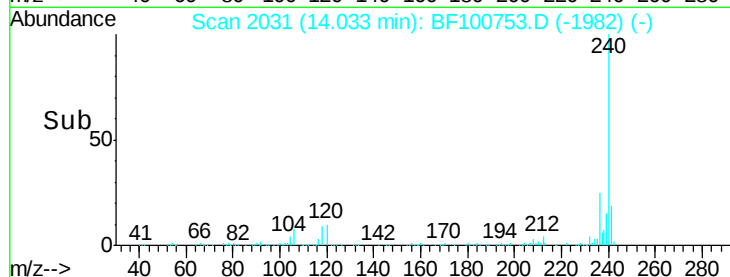
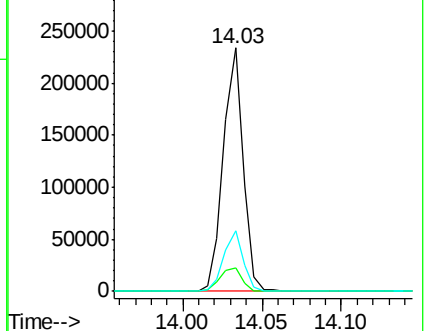
236 25.0 20.7 31.1



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: 59.51 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100753.D

Acq: 21 Nov 2017 1:41

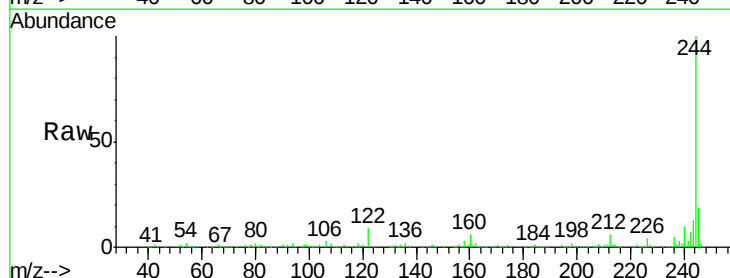
Tgt Ion:244 Resp: 525701

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

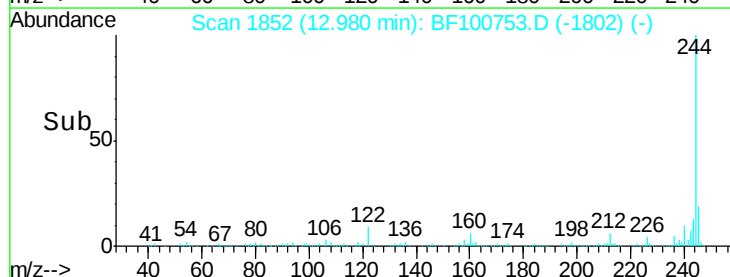
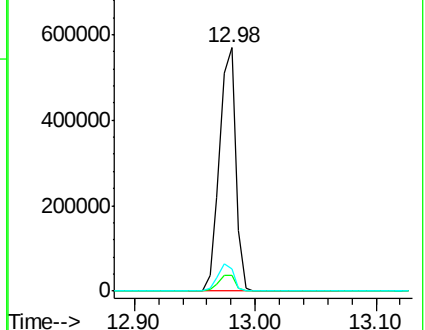
122 9.3 11.0 16.4#

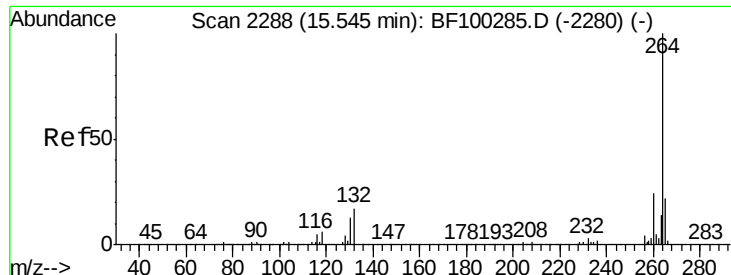


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

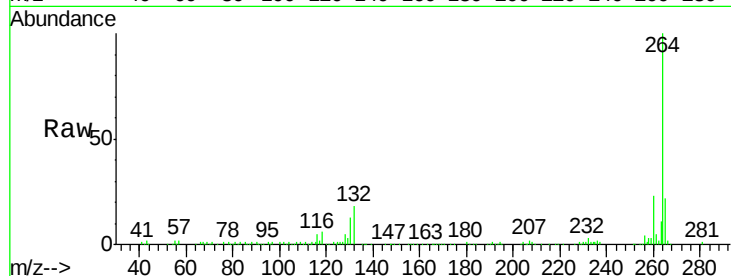




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100753.D
Acq: 21 Nov 2017 1:41

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

Tgt Ion: 264 Resp: 171379
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.8 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

