

Data File : BF100737.D
Acq On : 20 Nov 2017 18:32
Operator : SJ/JU
Sample : PB104343BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104343BL

Quant Time: Nov 21 03:28:08 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	83389	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	327836	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	155752	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	314822	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	243913	20.00	ng	-0.02
86) Perylene-d12	15.50	264	172034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635272	122.12	ng	0.00
7) Phenol-d6	6.50	99	748403	116.67	ng	-0.01
23) Nitrobenzene-d5	7.43	82	477352	96.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	220184	138.73	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	973832	95.21	ng	-0.01
78) Terphenyl-d14	12.98	244	996559	93.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	61242	13.77	ng	# 80
25) Isophorone	7.43	82	477347	45.81	ng	# 64
47) 2-Nitroaniline	9.23	65	1261	3.20	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	20347	8.64	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	20347	6.85	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	335	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13523	4.01	ng	# 1

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

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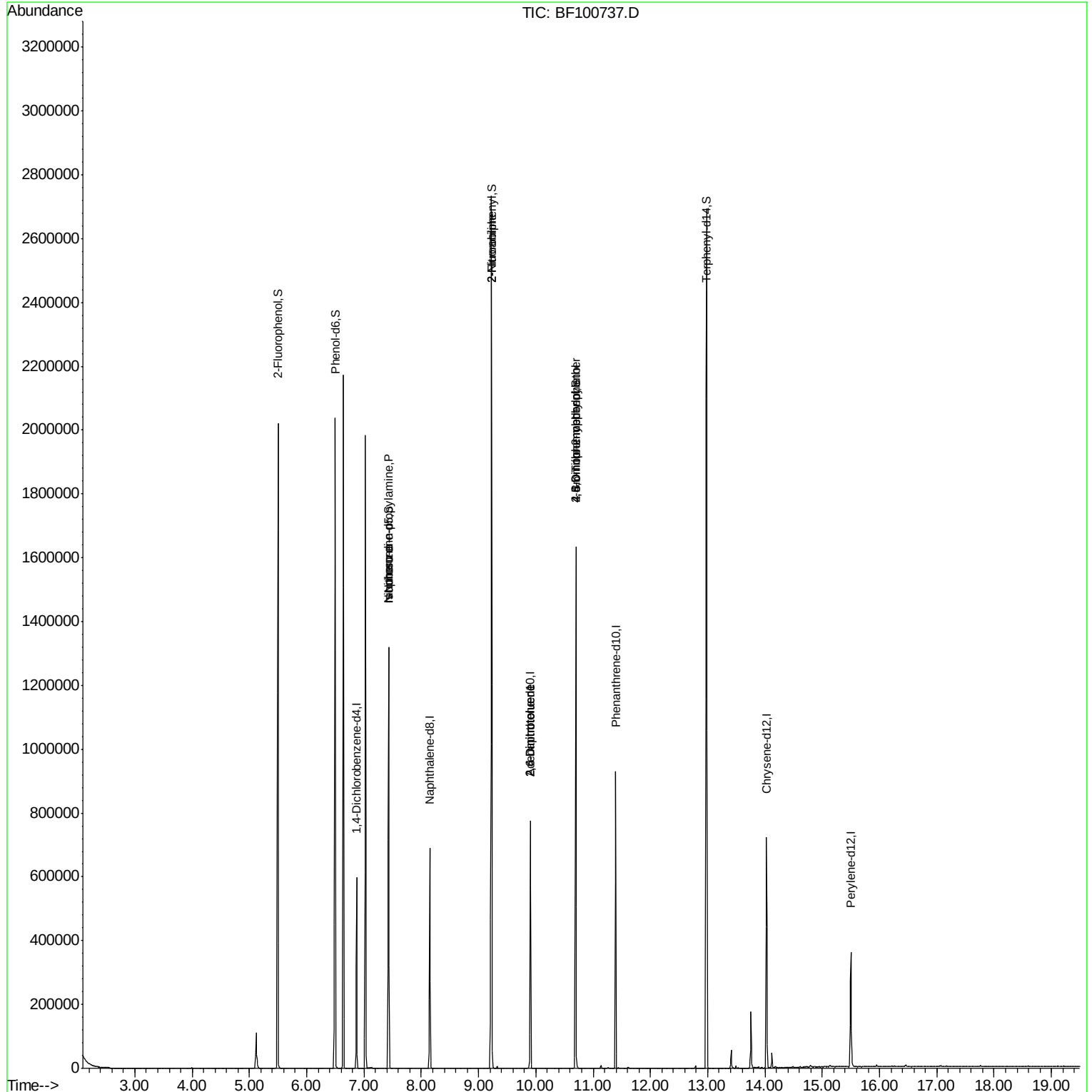
Quant Time: Nov 21 03:28:08 2017

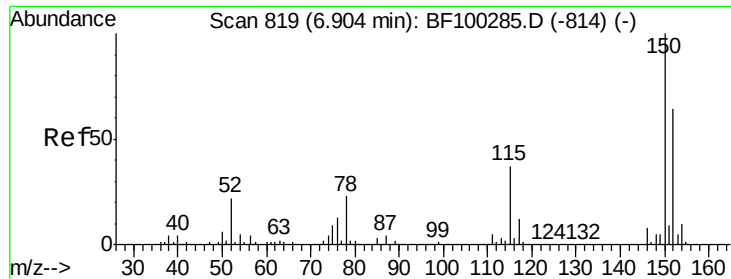
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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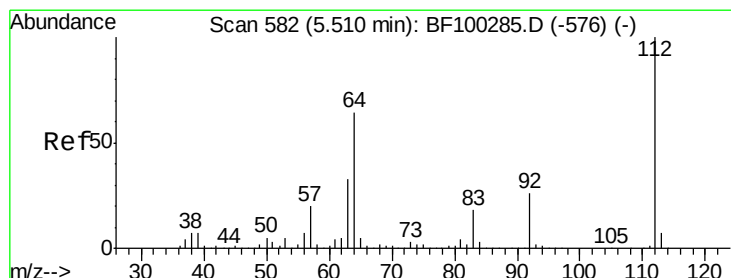
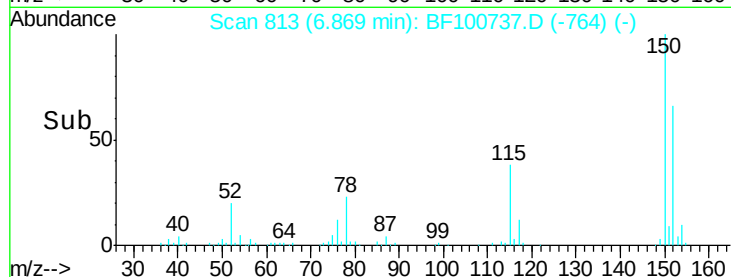
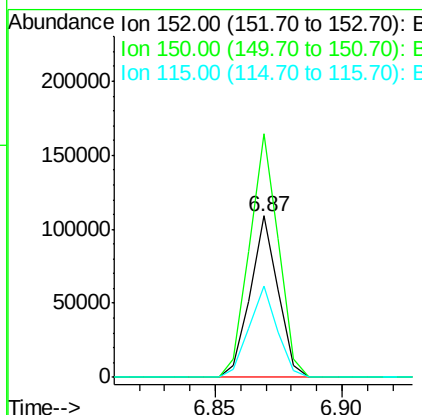
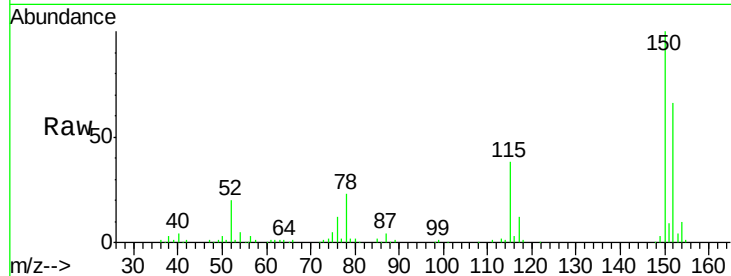


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PB104343BL

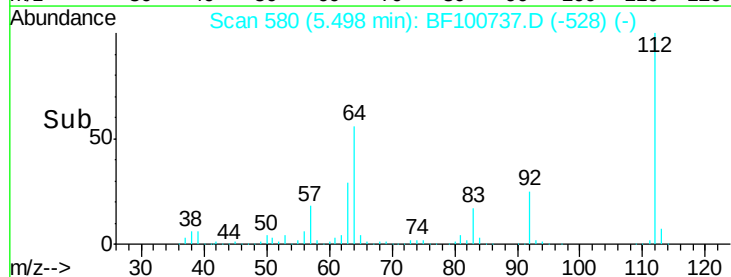
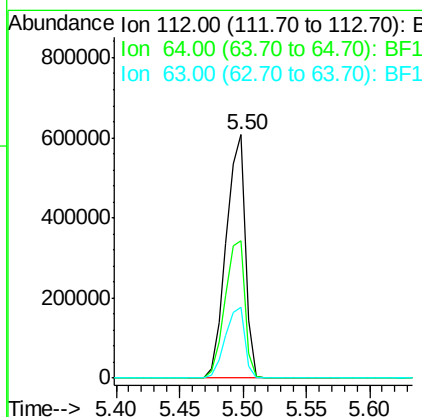
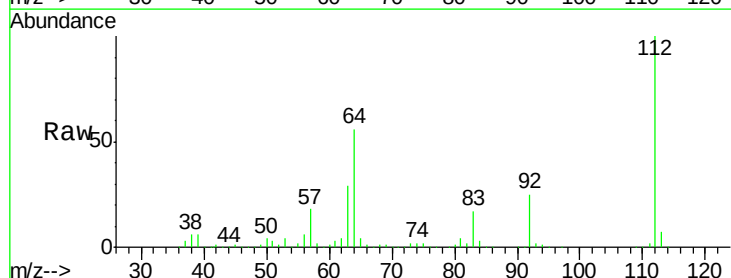
Tgt Ion:152 Resp: 83389
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 56.9 50.1 75.1

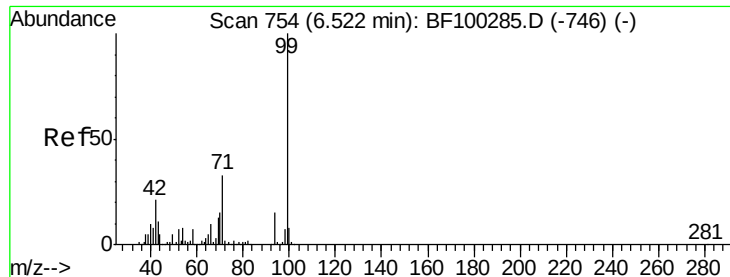


#5

2-Fluorophenol
Concen: 122.12 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Tgt Ion:112 Resp: 635272
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 116.67 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

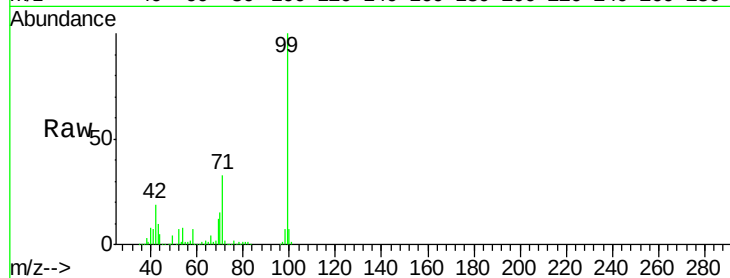
Tgt Ion: 99 Resp: 748403

Ion Ratio Lower Upper

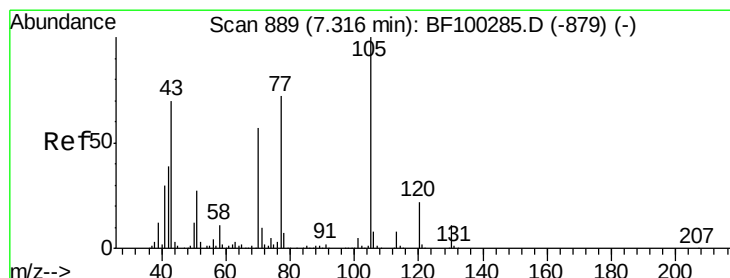
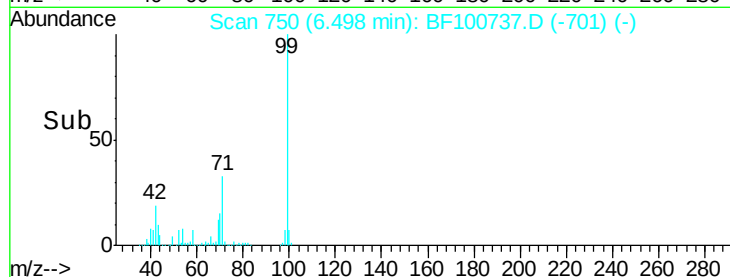
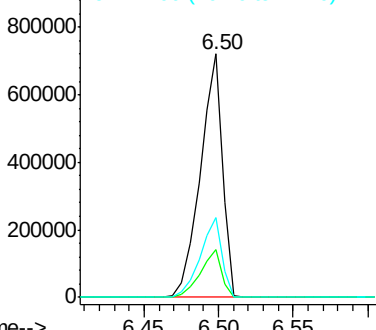
99 100

42 19.4 14.5 21.7

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.77 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Tgt Ion: 70 Resp: 61242

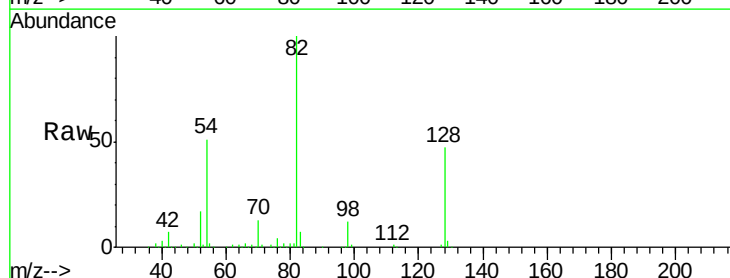
Ion Ratio Lower Upper

70 100

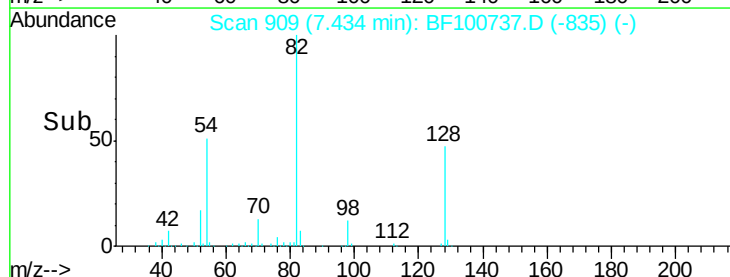
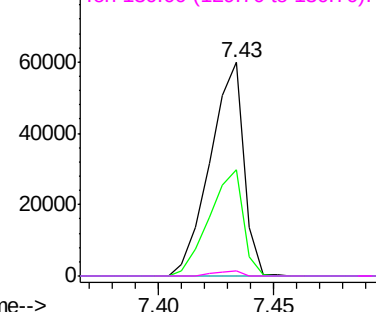
42 50.0 47.5 71.3

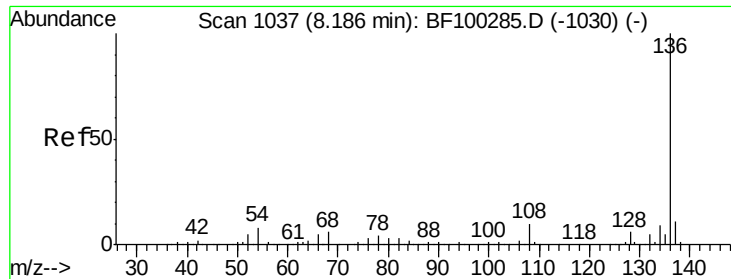
101 0.0 7.4 11.2#

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

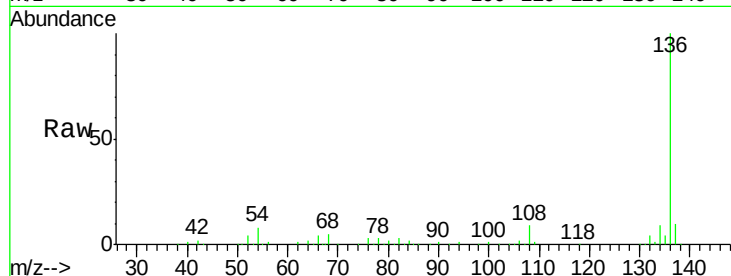




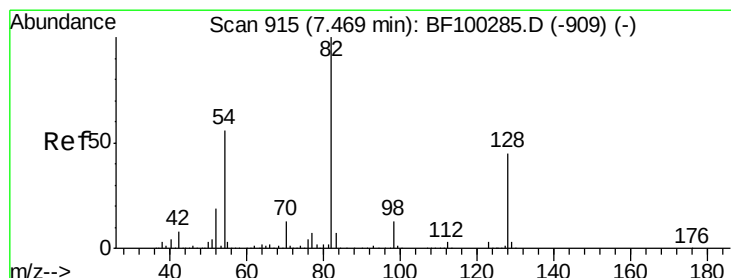
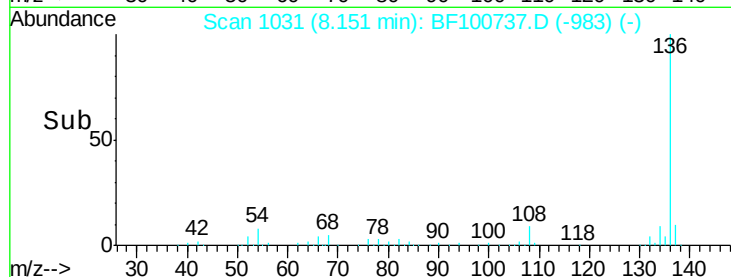
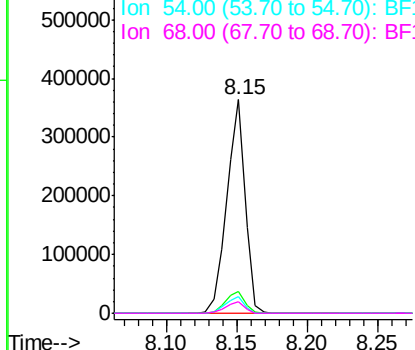
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Instrument :
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Tgt Ion:	136	Resp:	327836
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	7.7	6.6	9.8
68	5.1	5.0	7.4

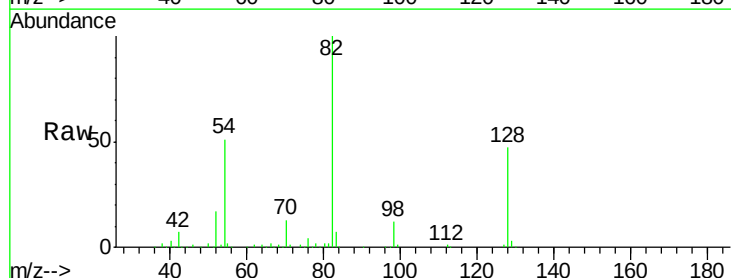


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

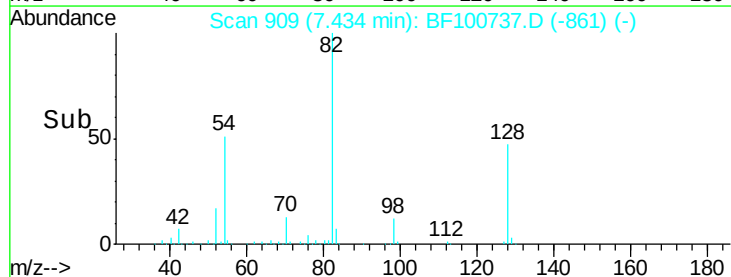
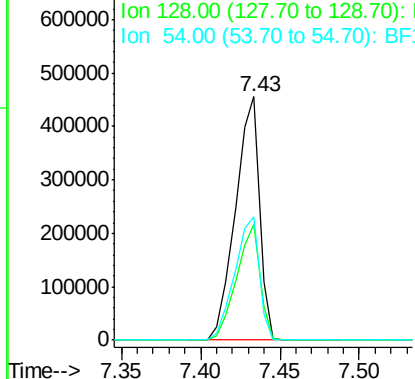


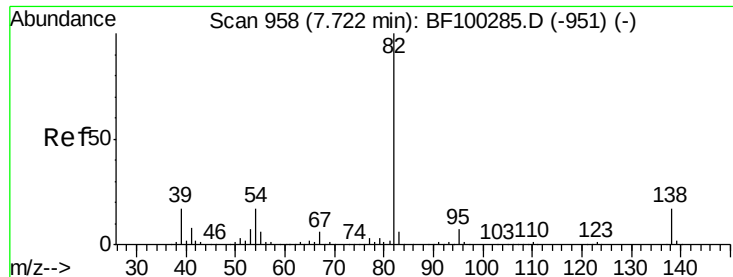
#23
Nitrobenzene-d5
Concen: 96.27 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Tgt Ion:	82	Resp:	477352
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	50.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.81 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

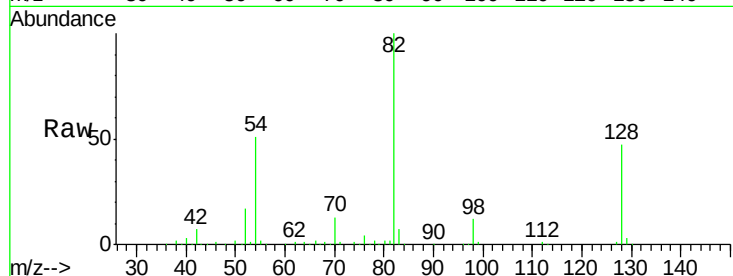
Tgt Ion: 82 Resp: 477347

Ion Ratio Lower Upper

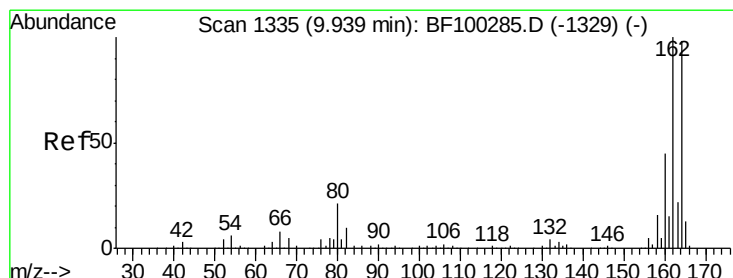
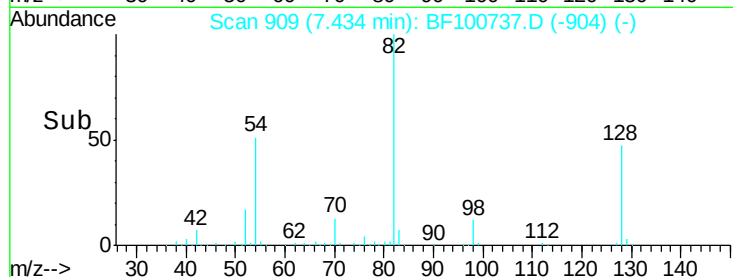
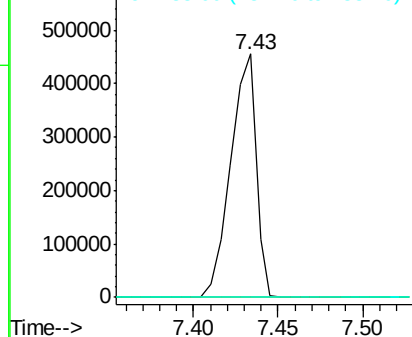
82 100

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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

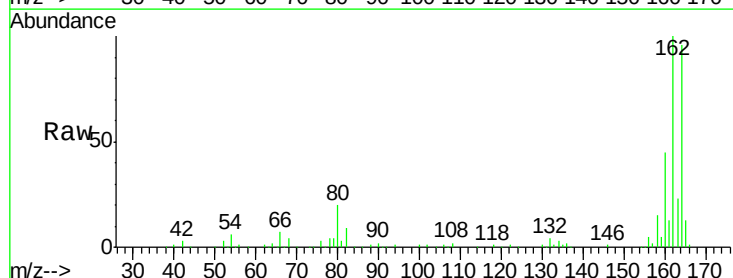
Tgt Ion: 164 Resp: 155752

Ion Ratio Lower Upper

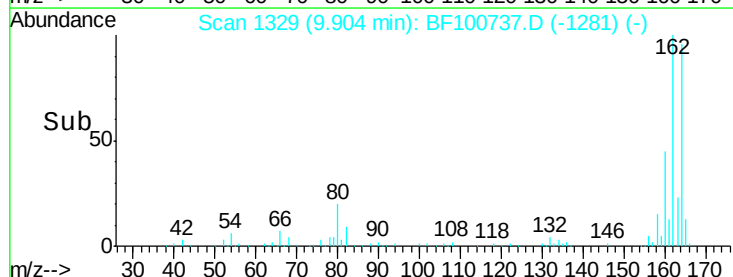
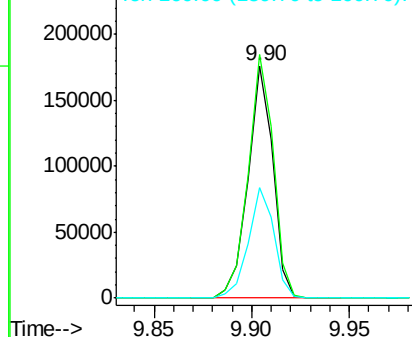
164 100

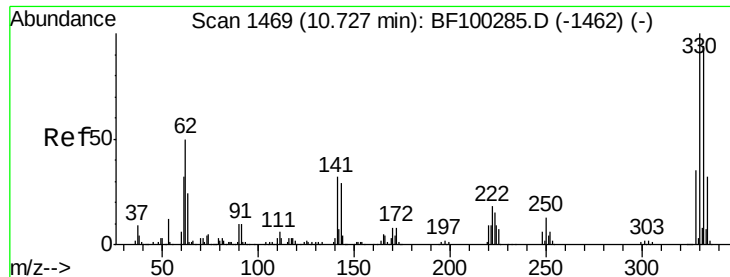
162 104.7 86.1 129.1

160 47.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

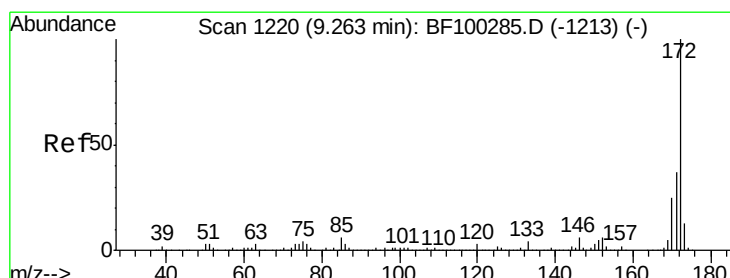
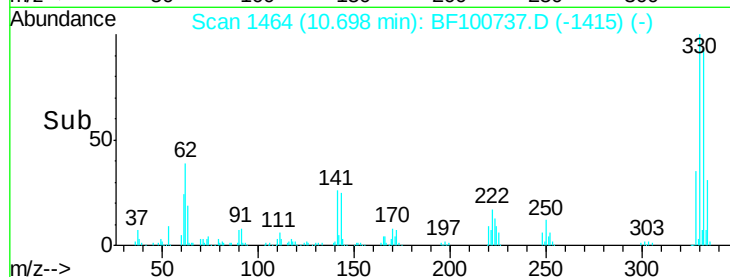
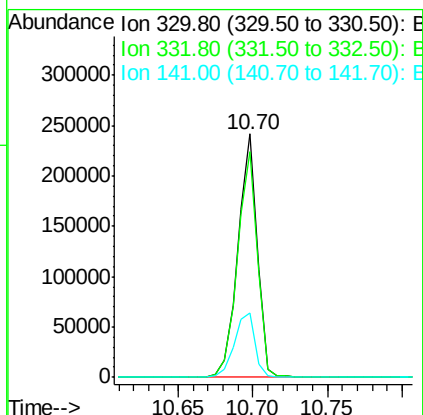
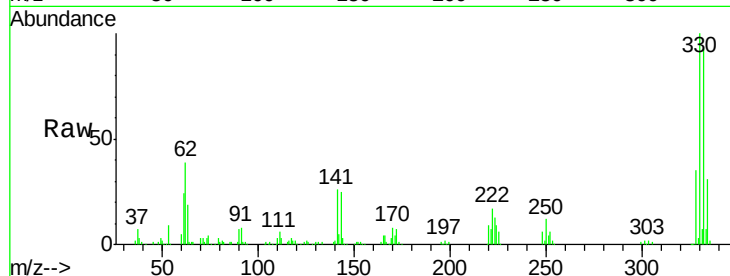




#41
 2,4,6-Tribromophenol
 Concen: 138.73 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

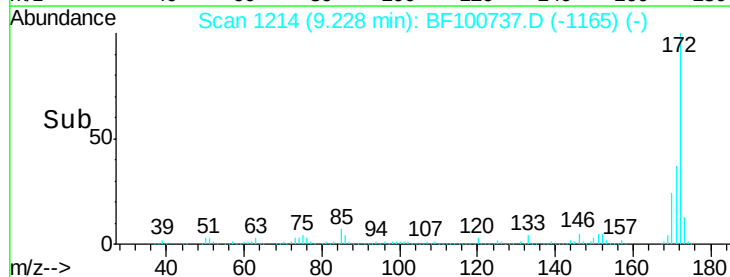
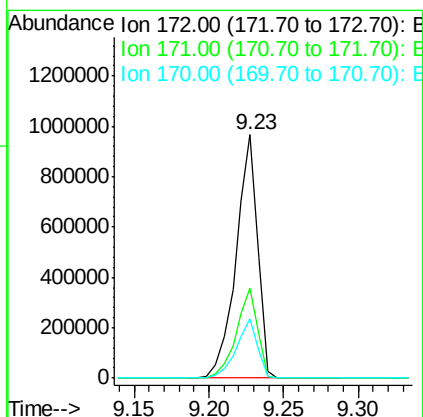
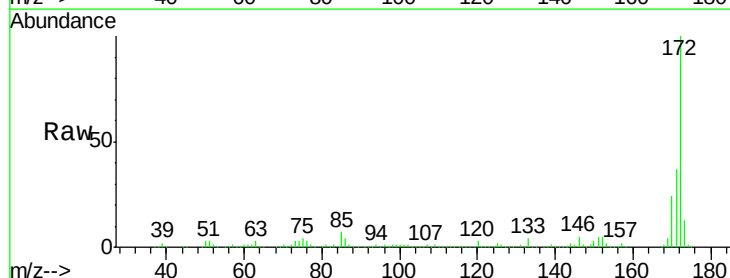
Instrument :
 BNA_F
 ClientSampleId :
 PB104343BL

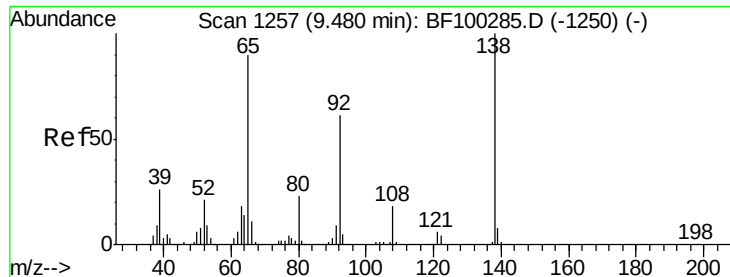
Tgt Ion:330 Resp: 220184
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 28.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

Tgt Ion:172 Resp: 973832
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 19.6 29.4





#47

2-Nitroaniline

Concen: 3.20 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.24 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

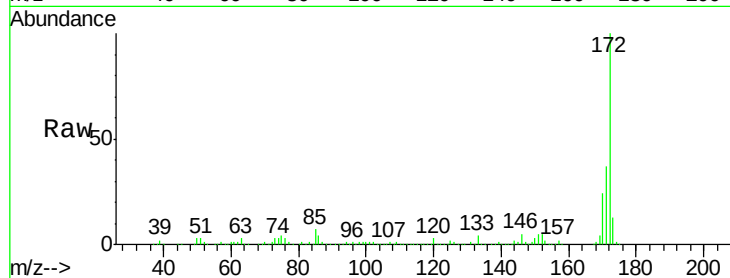
Tgt Ion: 65 Resp: 1261

Ion Ratio Lower Upper

65 100

92 265.7 55.8 83.6#

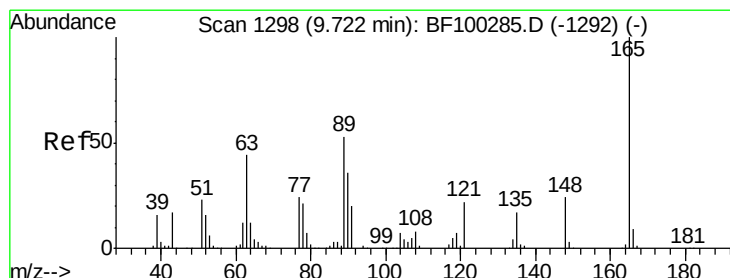
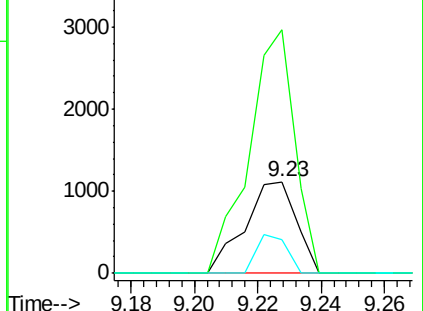
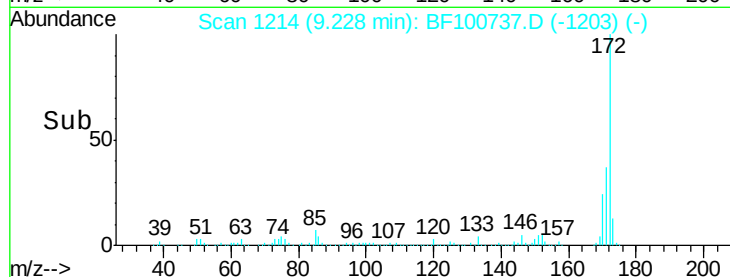
138 36.6 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.64 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

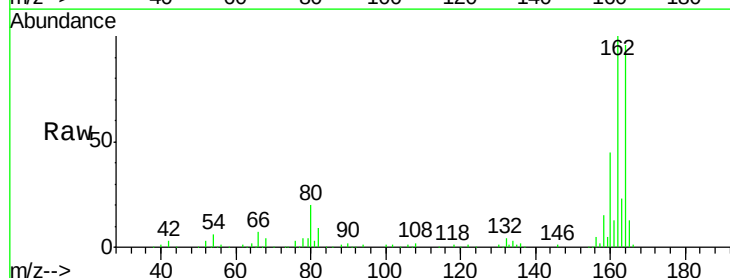
Tgt Ion: 165 Resp: 20347

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

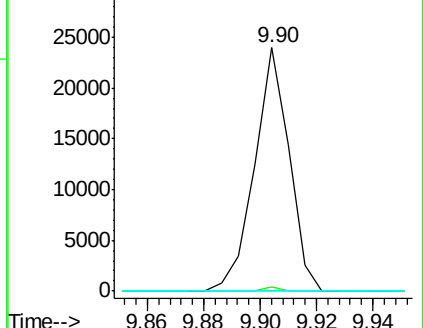
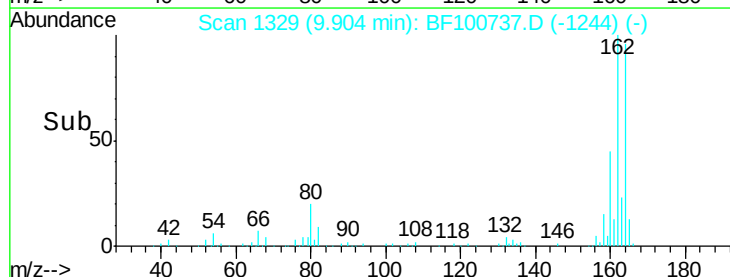
89 0.0 44.0 66.0#

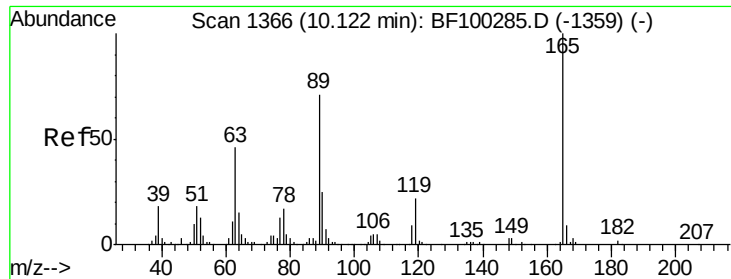


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

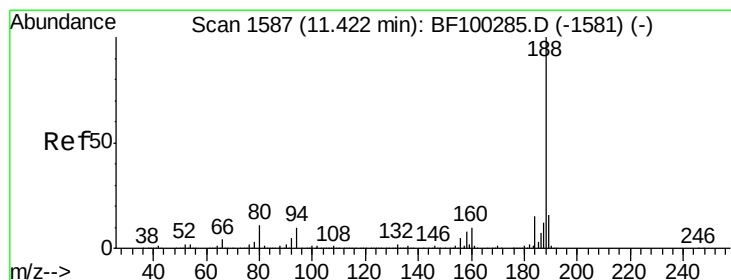
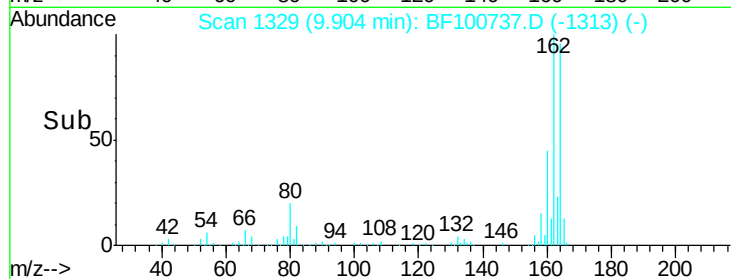
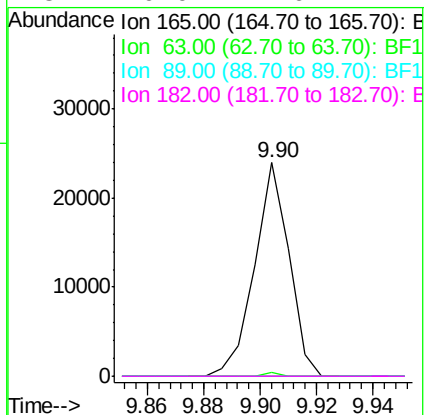
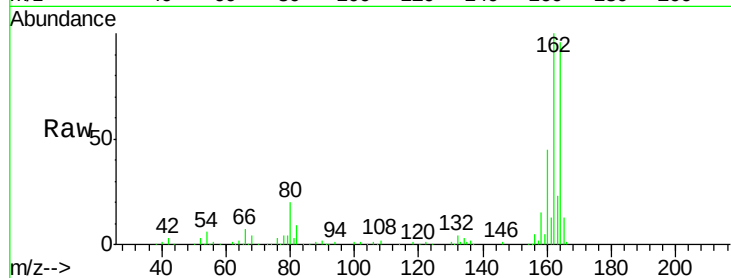




#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

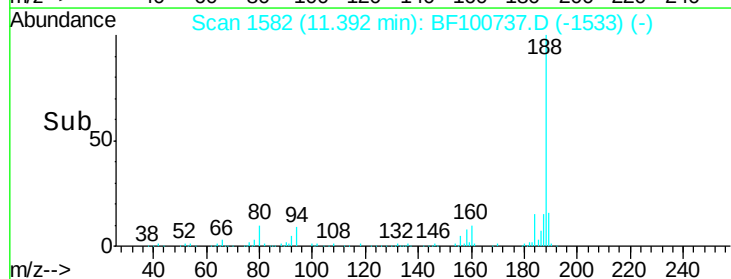
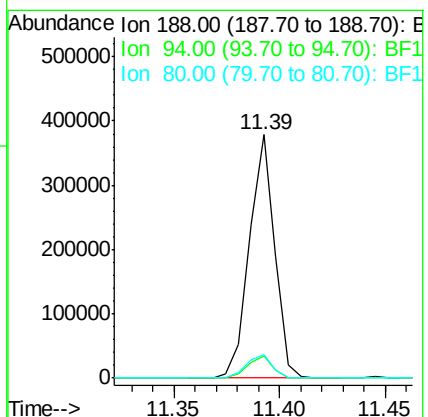
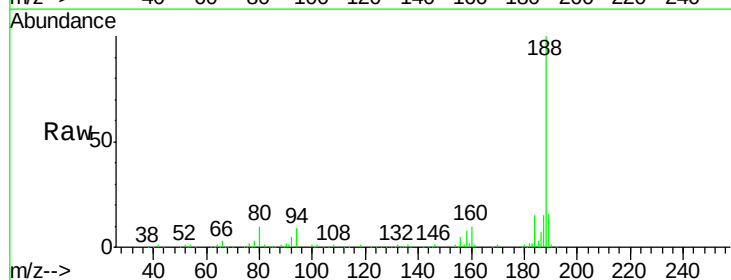
Instrument :
 BNA_F
 ClientSampleId :
 PB104343BL

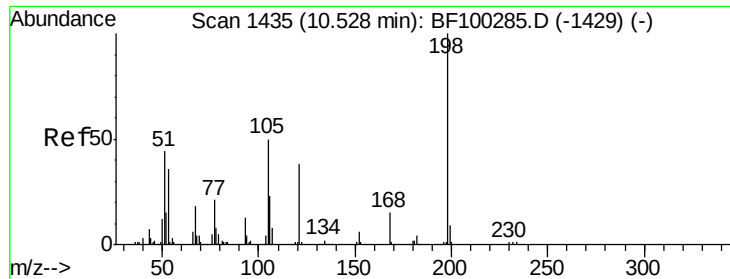
Tgt Ion:	165	Resp:	20347
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

Tgt Ion:	188	Resp:	314822
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

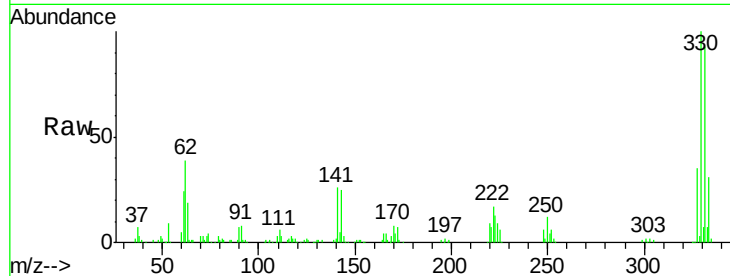




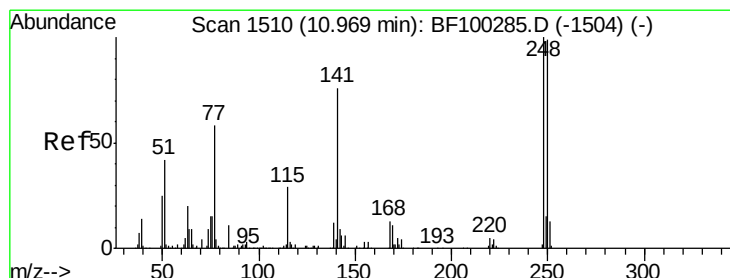
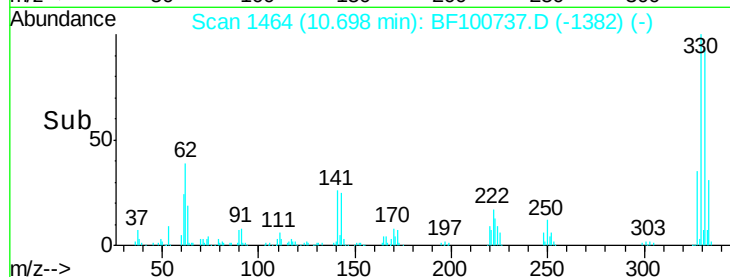
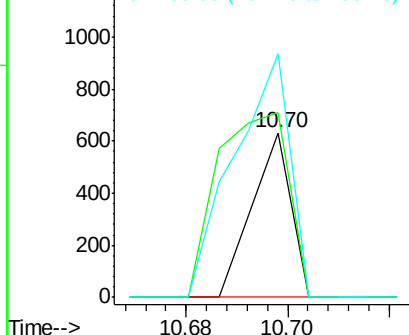
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.74 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.18 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PB104343BL

Tgt Ion:198 Resp: 335
 Ion Ratio Lower Upper
 198 100
 51 112.2 37.7 77.7#
 105 147.9 36.3 76.3#

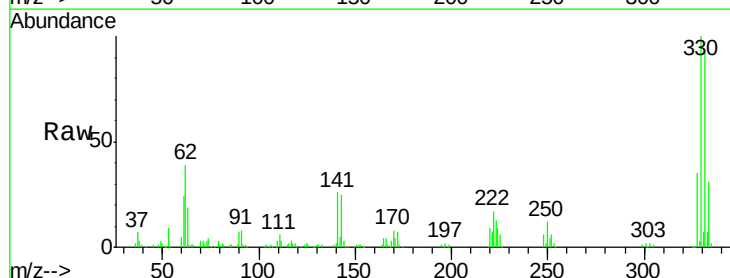


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

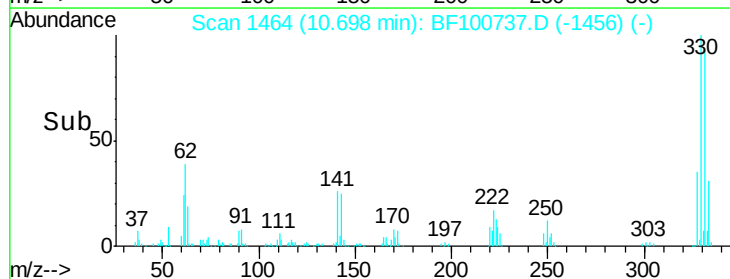
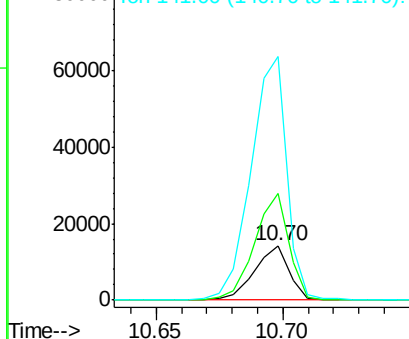


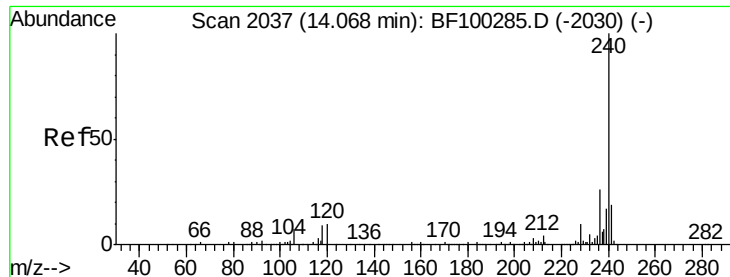
#66
 4-Bromophenyl-phenylether
 Concen: 4.01 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF100737.D
 Acq: 20 Nov 2017 18:32

Tgt Ion:248 Resp: 13523
 Ion Ratio Lower Upper
 248 100
 250 196.2 76.9 115.3#
 141 446.7 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# 2030

Delta R.T. -0.02 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB104343BL

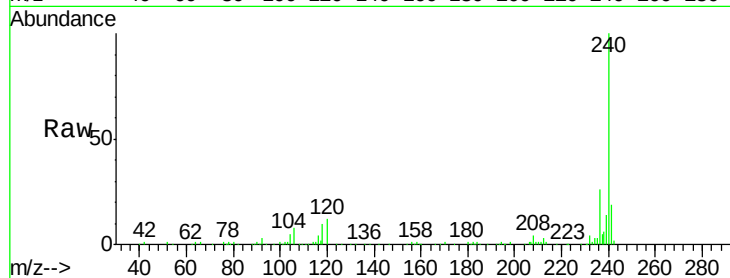
Tgt Ion:240 Resp: 243913

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

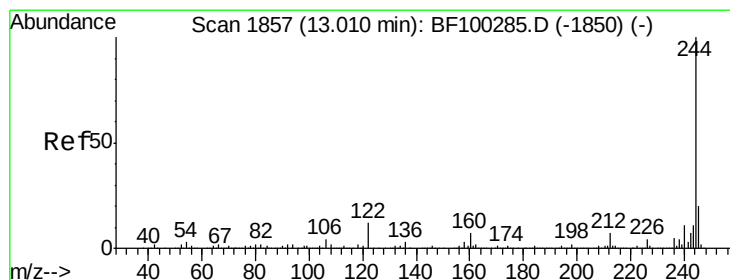
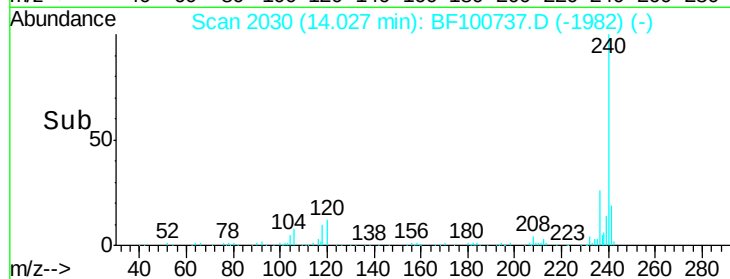
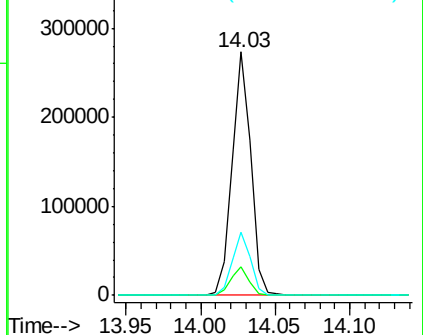
236 26.1 20.7 31.1



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: 93.88 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100737.D

Acq: 20 Nov 2017 18:32

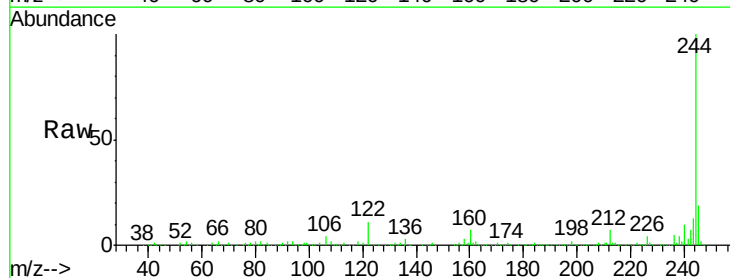
Tgt Ion:244 Resp: 996559

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

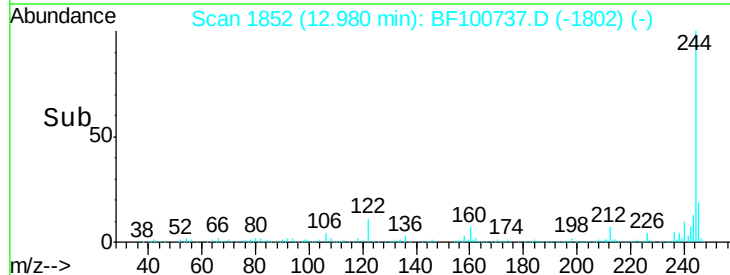
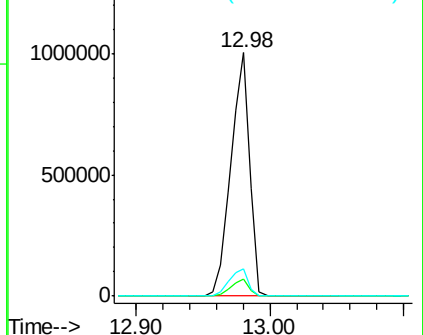
122 11.2 11.0 16.4

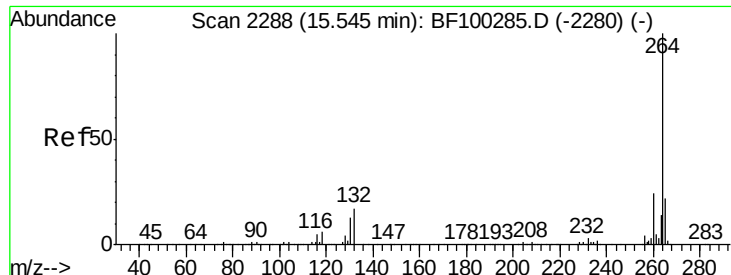


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

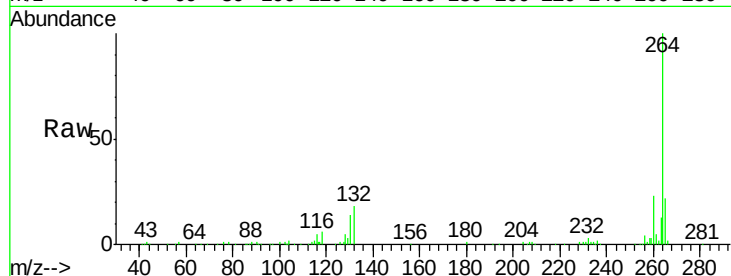




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100737.D
Acq: 20 Nov 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PB104343BL

Tgt Ion:	264	Resp:	172034
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	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

