

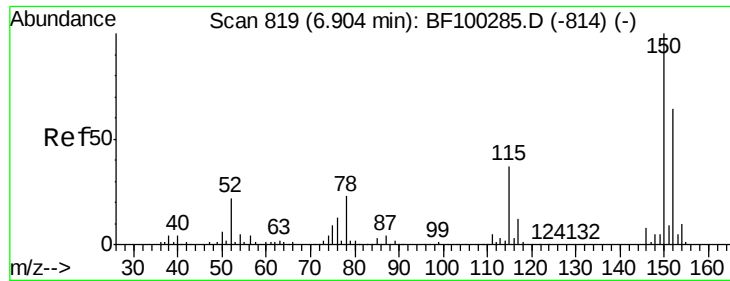
Data File : BF100436.D
Acq On : 11 Nov 2017 13:15
Operator : SJ/JU
Sample : I6399-17 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14

Quant Time: Nov 13 01:07:12 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137787	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	477786	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	177067	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	295819	20.00	ng	0.00
75) Chrysene-d12	14.07	240	298257	20.00	ng	0.00
86) Perylene-d12	15.55	264	217212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	182732	21.26	ng	0.00
7) Phenol-d6	6.52	99	213309	20.12	ng	-0.01
23) Nitrobenzene-d5	7.46	82	117830	16.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	30913	17.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	195421	16.81	ng	0.00
78) Terphenyl-d14	13.01	244	143369	11.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	14928	2.03	ng	# 83
25) Isophorone	7.46	82	117688	7.75	ng	# 64
47) 2-Nitroaniline	9.26	65	295	2.87	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	21739	8.12	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	21739	6.44	ng	# 24

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampleId :

TP-14

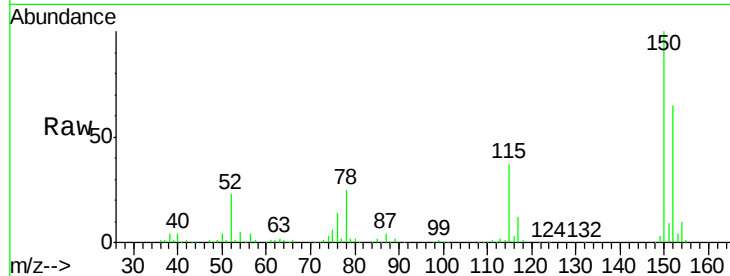
Tgt Ion:152 Resp: 137787

Ion Ratio Lower Upper

152 100

150 152.8 124.6 186.8

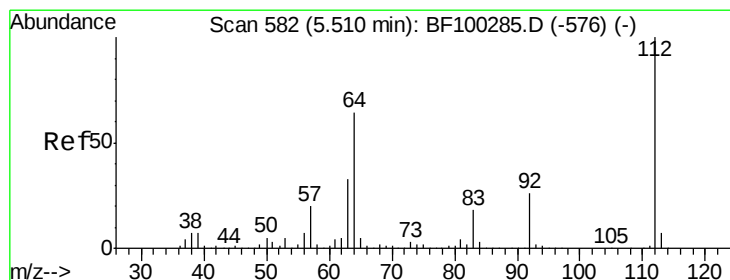
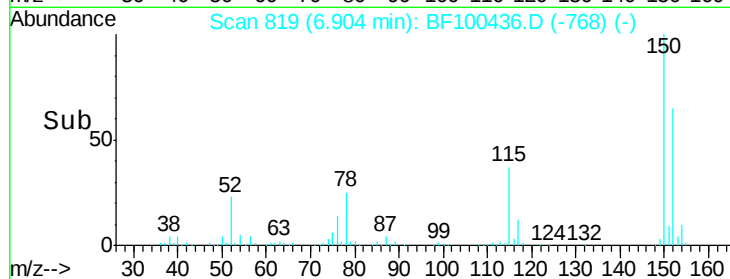
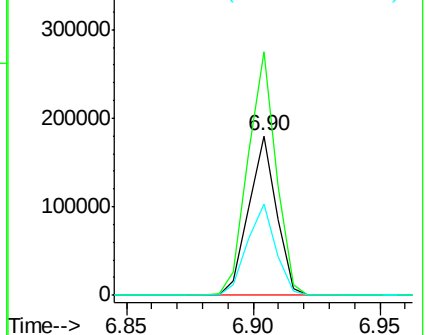
115 57.0 50.1 75.1



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: 21.26 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

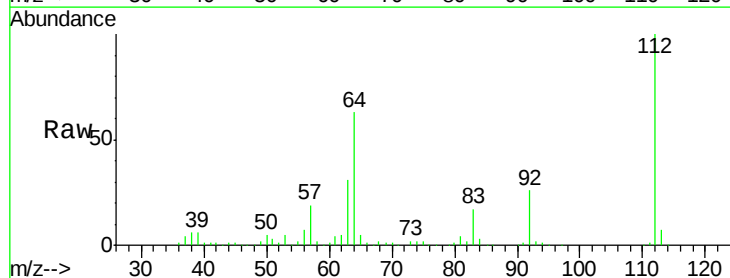
Tgt Ion:112 Resp: 182732

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

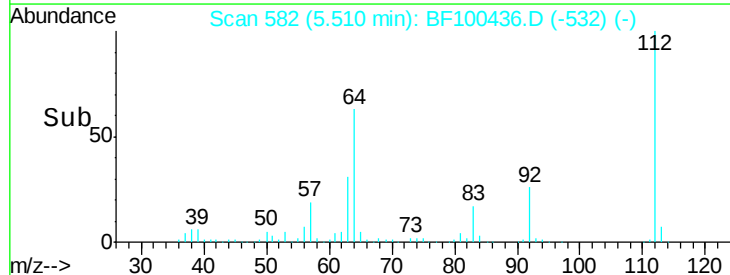
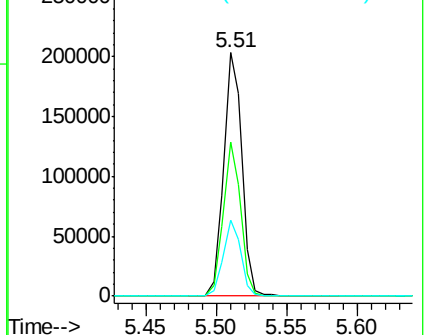
63 31.3 23.7 35.5

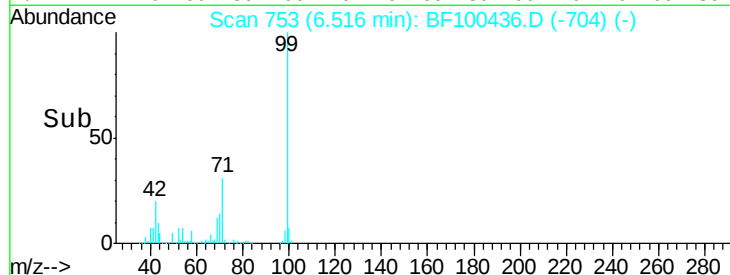
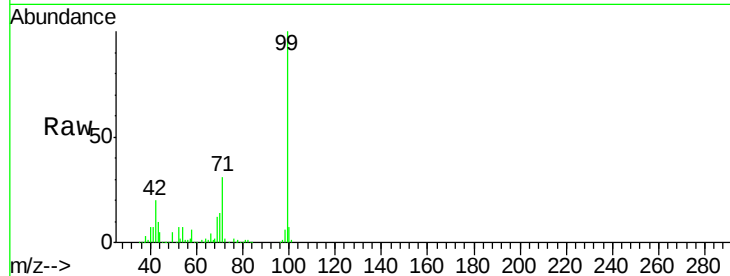
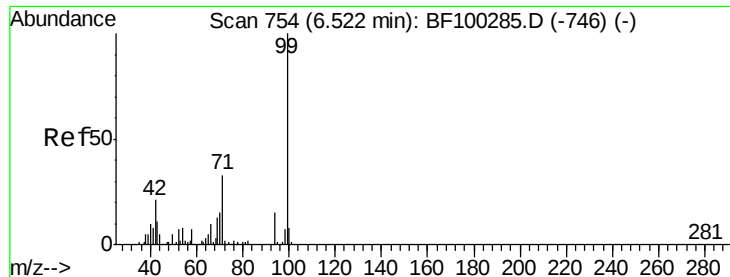


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.12 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampleId :

TP-14

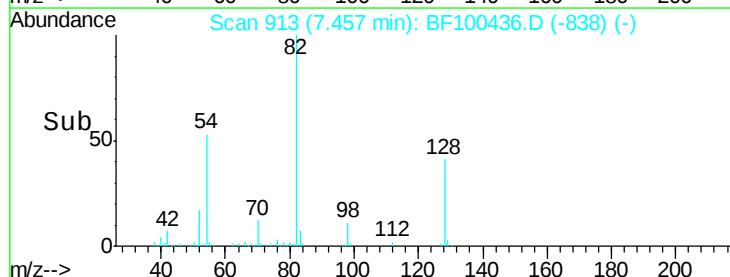
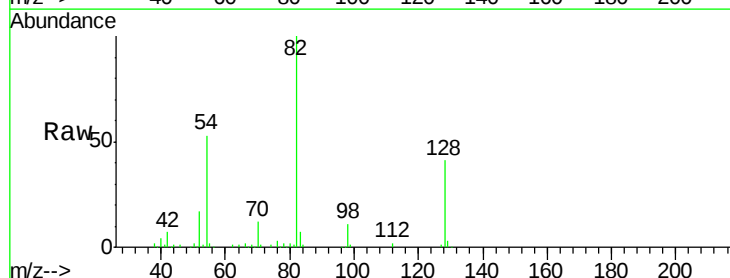
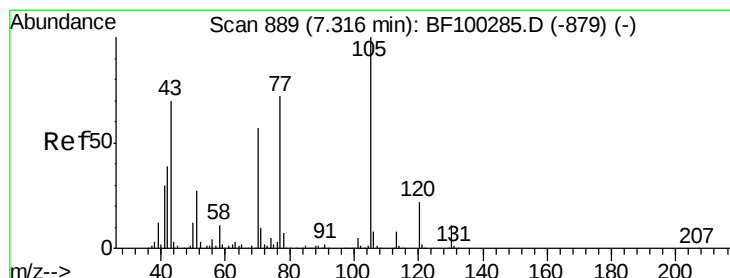
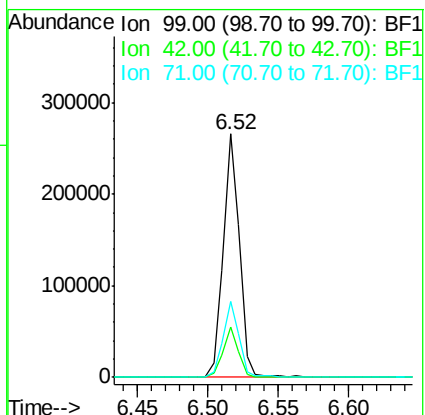
Tgt Ion: 99 Resp: 213309

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 31.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.03 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Tgt Ion: 70 Resp: 14928

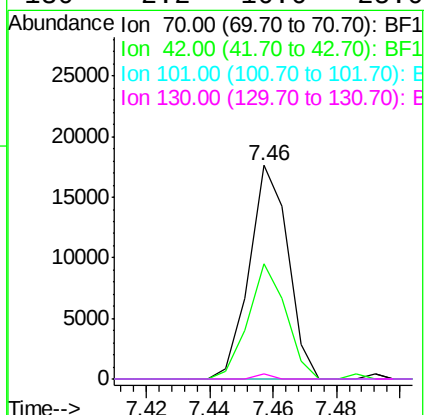
Ion Ratio Lower Upper

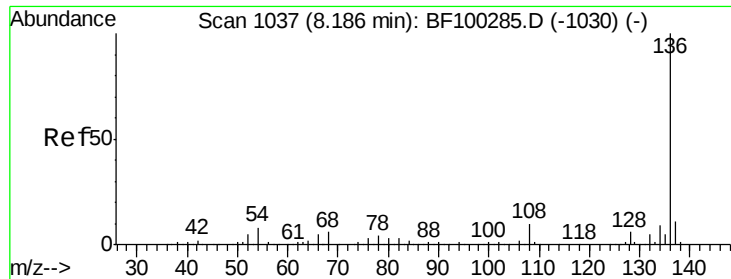
70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

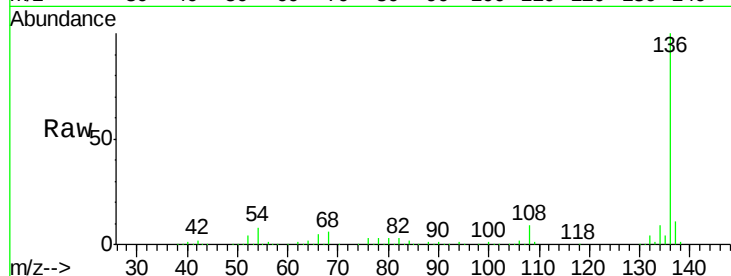




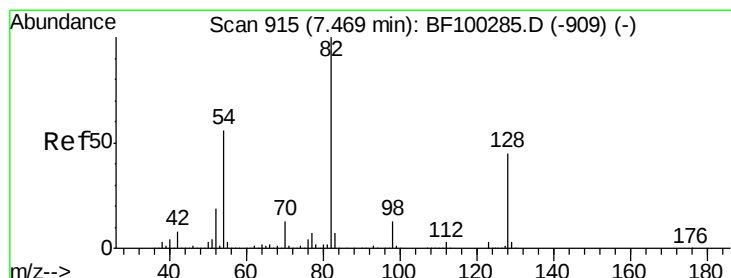
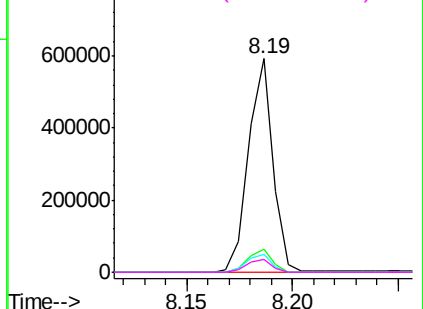
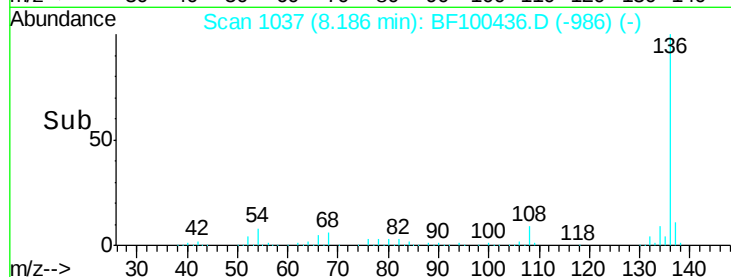
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:	136	Resp:	477786
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

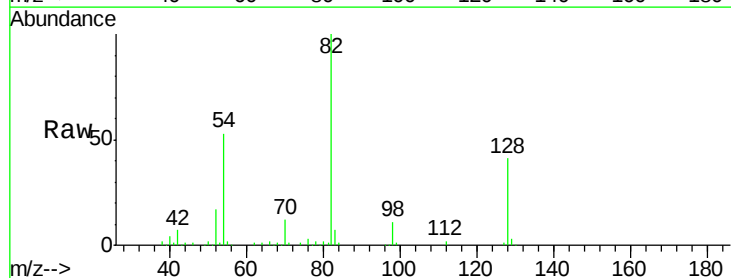


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

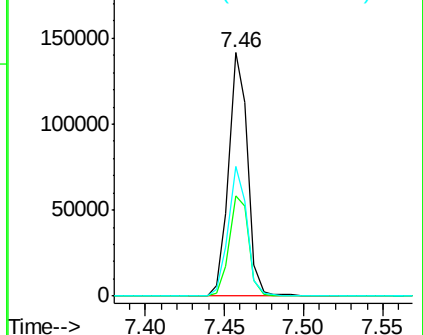
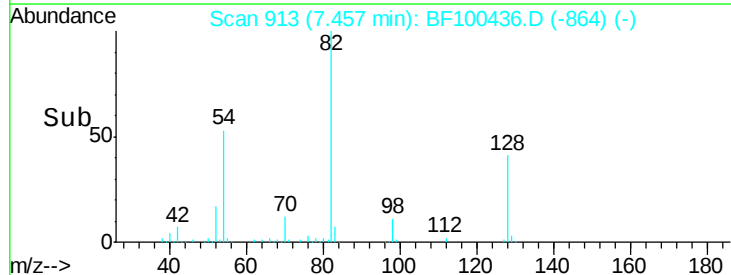


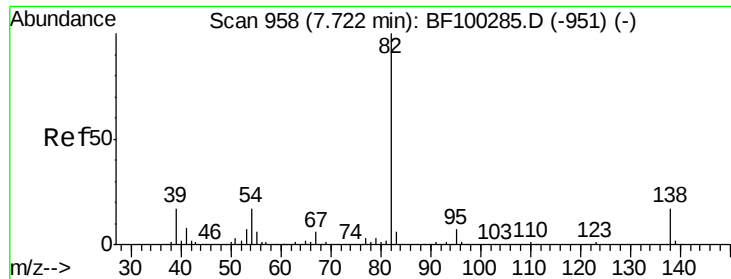
#23
Nitrobenzene-d5
Concen: 16.30 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:	82	Resp:	117830
Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	53.4	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

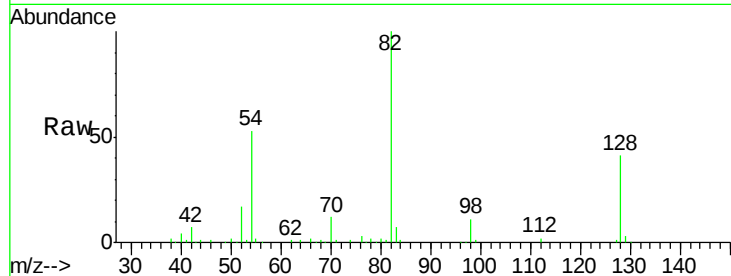




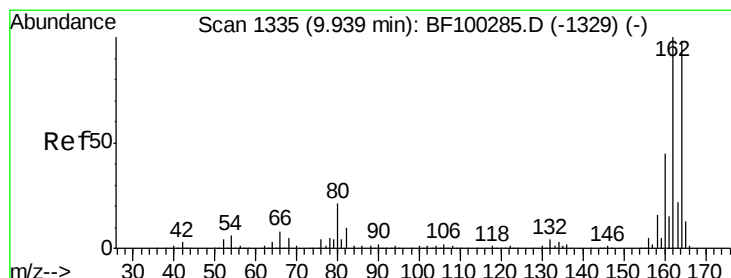
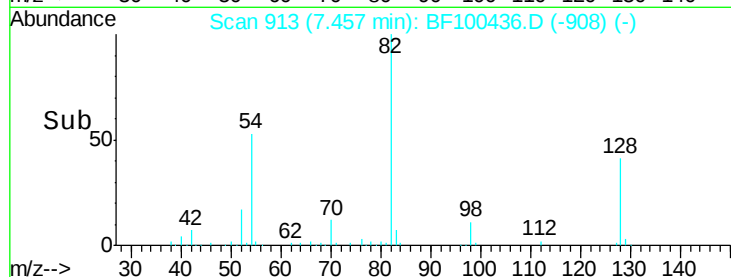
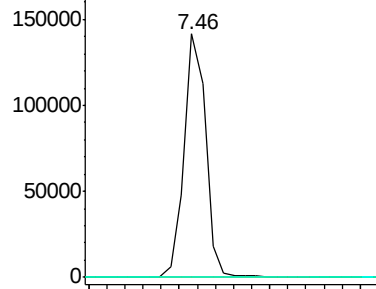
#25
Isophorone
Concen: 7.75 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.27 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 82 Resp: 117688
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

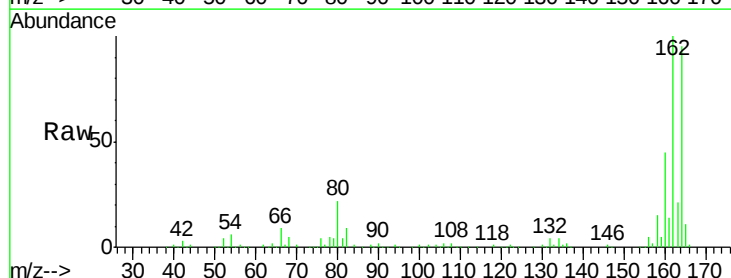


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

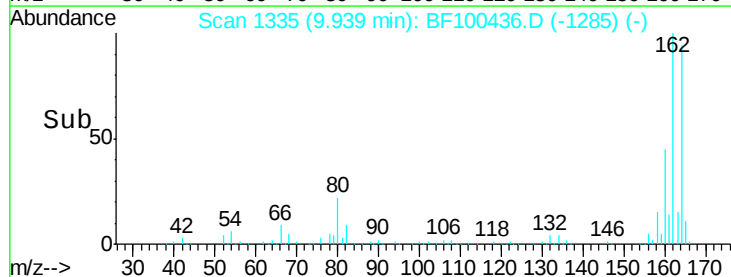
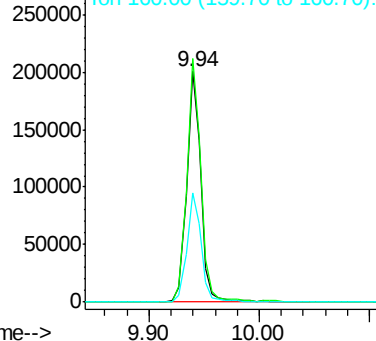


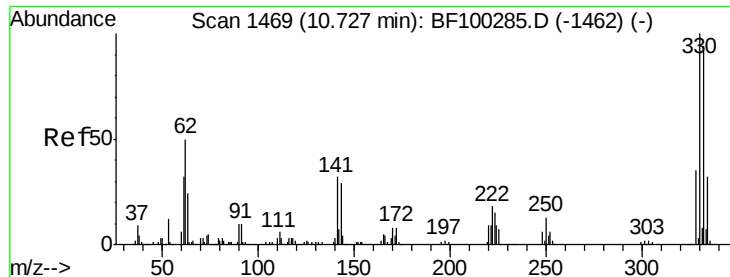
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion: 164 Resp: 177067
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 47.4 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

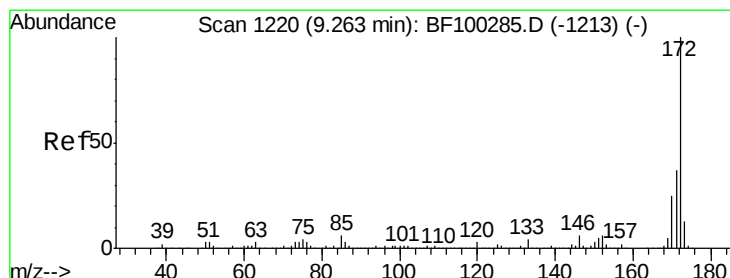
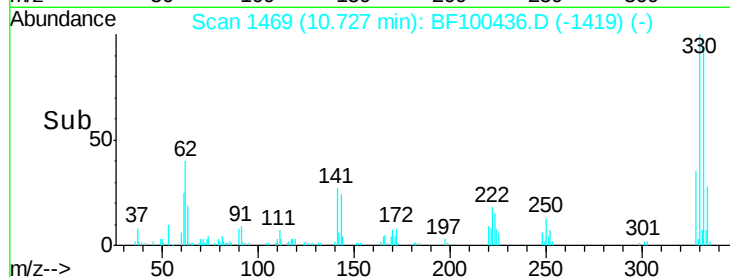
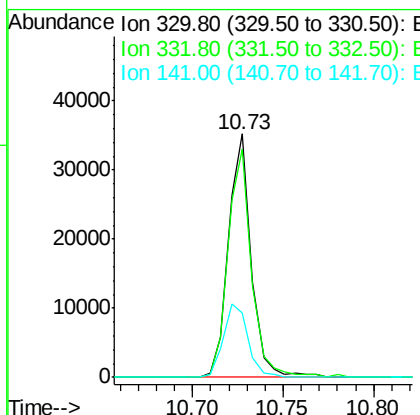
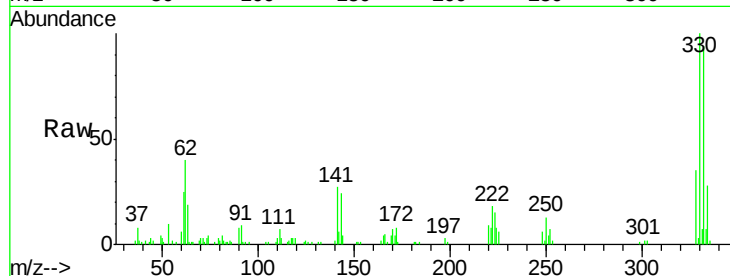




#41
 2,4,6-Tribromophenol
 Concen: 17.13 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

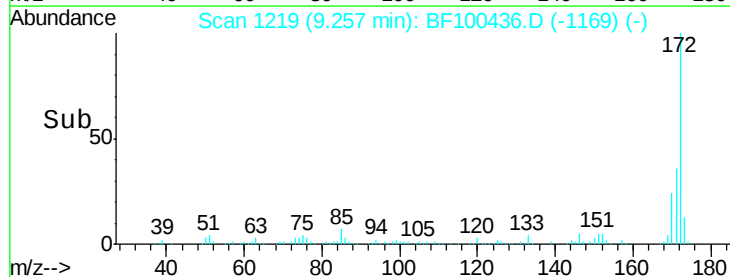
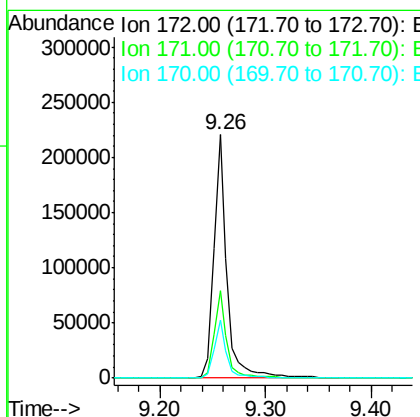
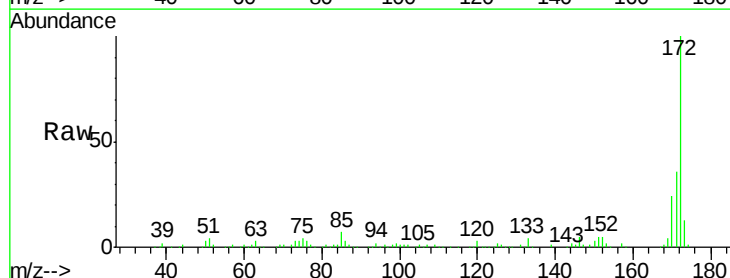
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

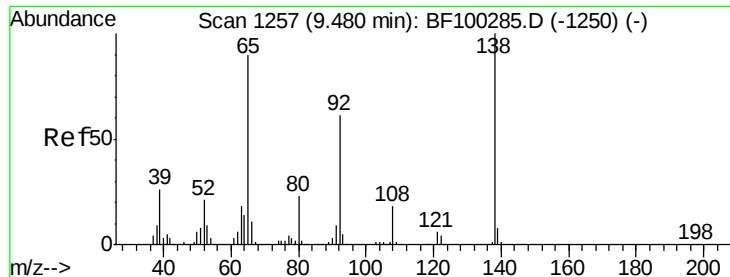
Tgt Ion: 330 Resp: 30913
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 16.81 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100436.D
 Acq: 11 Nov 2017 13:15

Tgt Ion: 172 Resp: 195421
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4





#47

2-Nitroaniline

Concen: 2.87 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.22 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampled :

TP-14

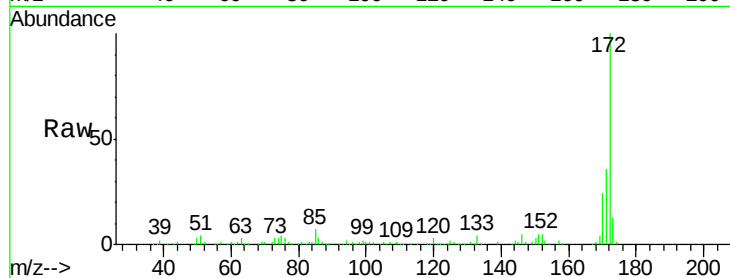
Tgt Ion: 65 Resp: 295

Ion Ratio Lower Upper

65 100

92 156.9 55.8 83.6#

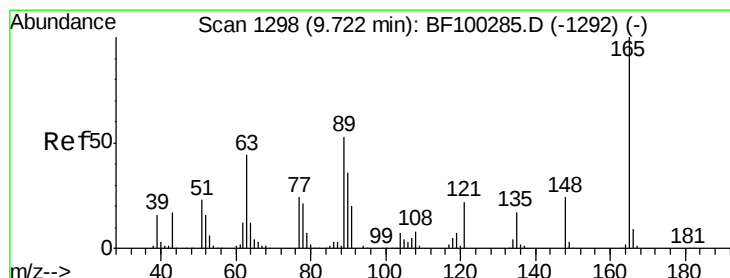
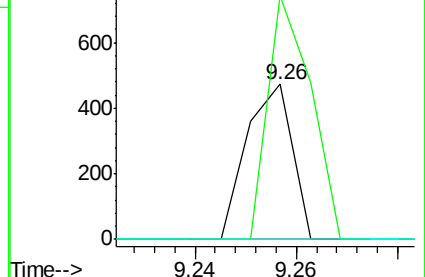
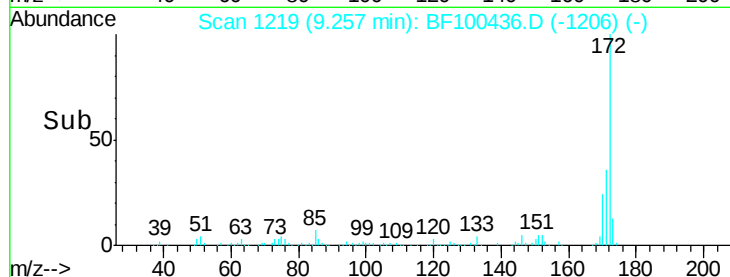
138 0.0 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

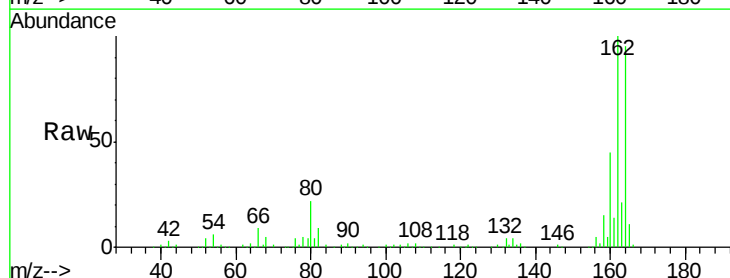
Tgt Ion: 165 Resp: 21739

Ion Ratio Lower Upper

165 100

63 2.2 44.7 67.1#

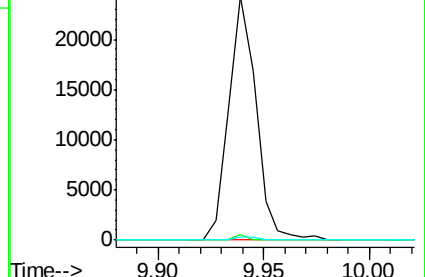
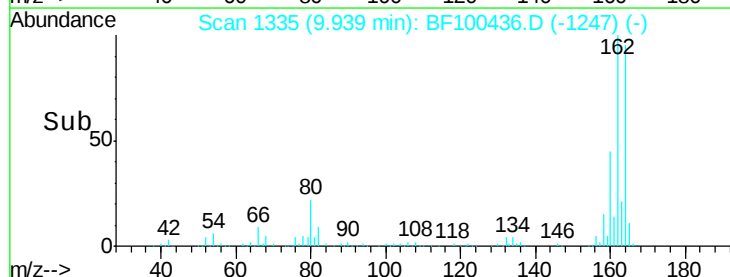
89 1.3 44.0 66.0#

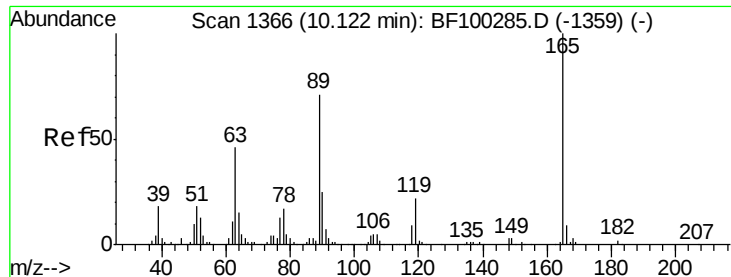


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

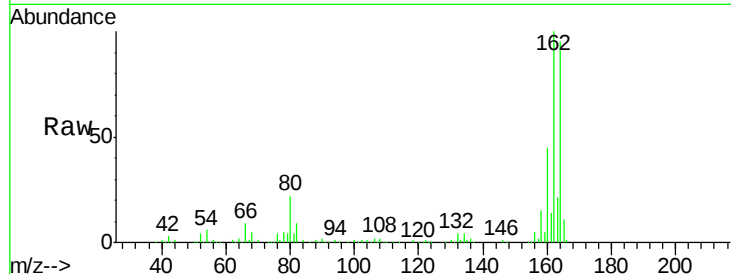




#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

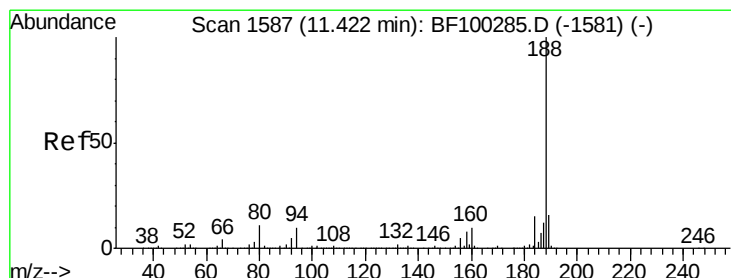
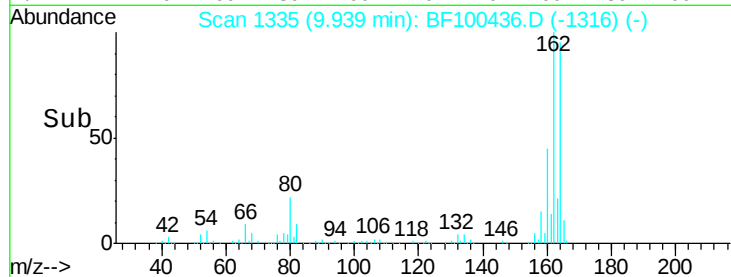
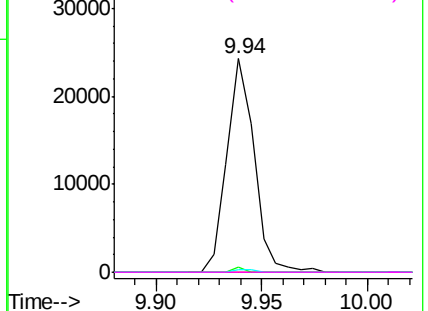


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

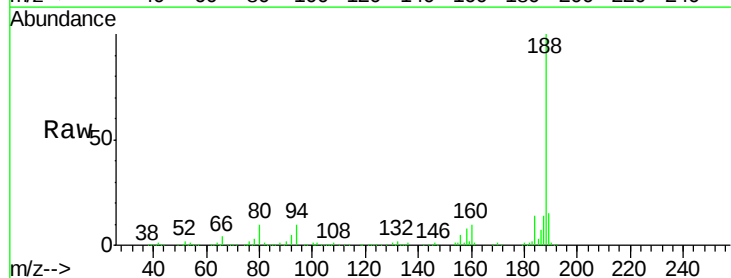
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

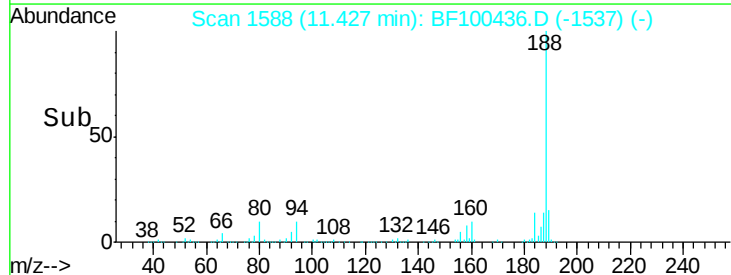
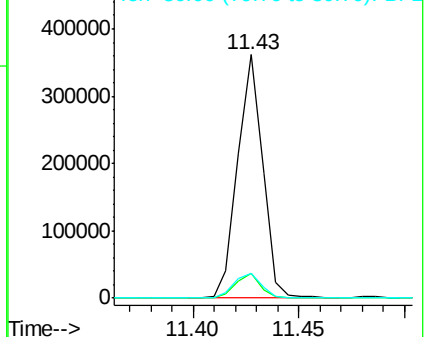
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8

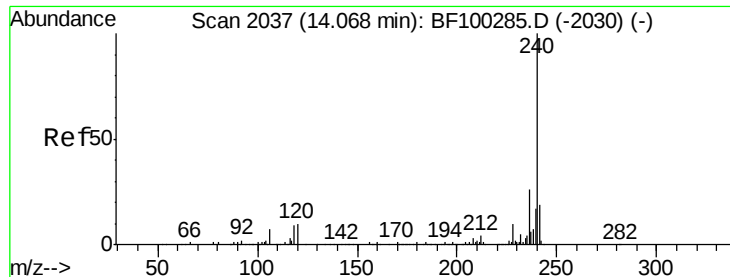


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

Instrument :

BNA_F

ClientSampleId :

TP-14

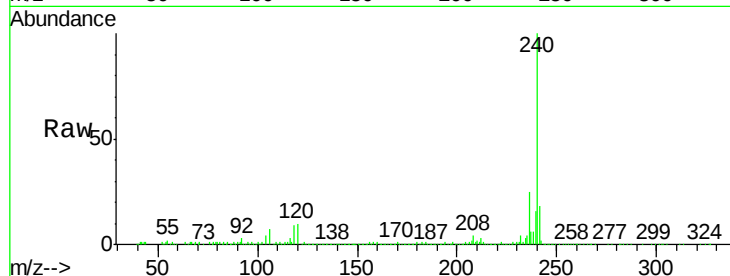
Tgt Ion:240 Resp: 298257

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

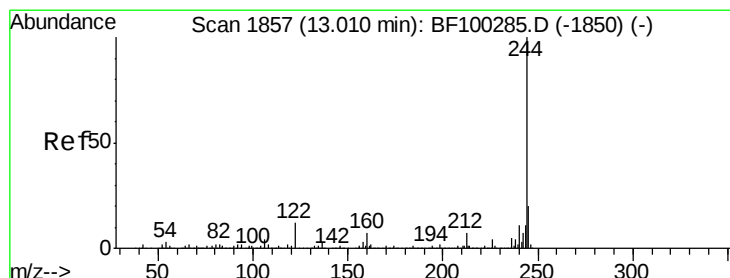
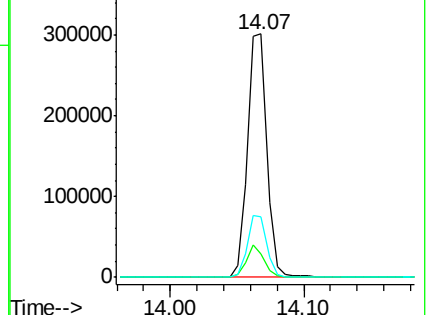
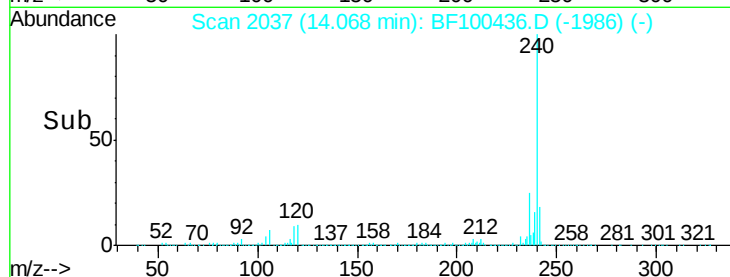
236 25.1 20.7 31.1



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: 11.04 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100436.D

Acq: 11 Nov 2017 13:15

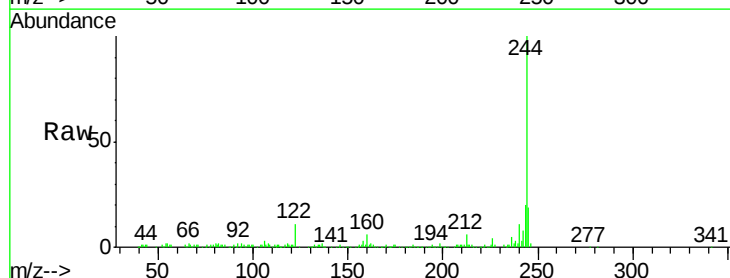
Tgt Ion:244 Resp: 143369

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

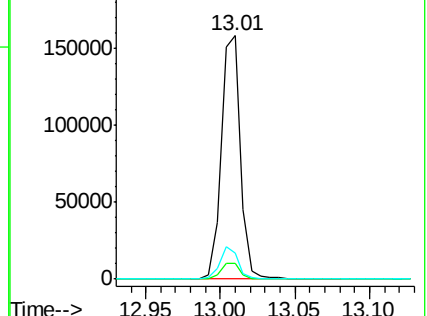
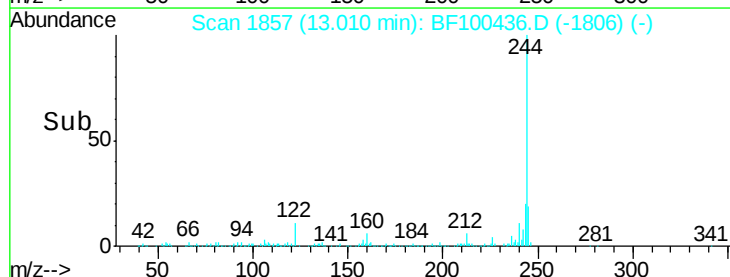
122 10.6 11.0 16.4#

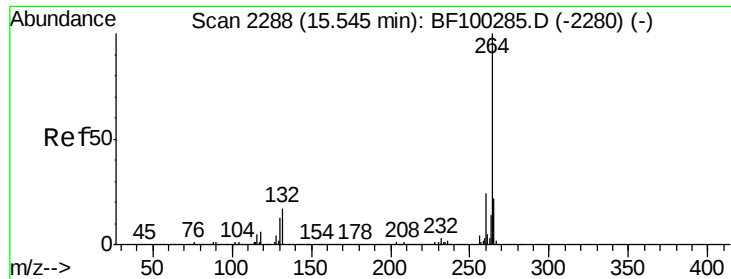


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

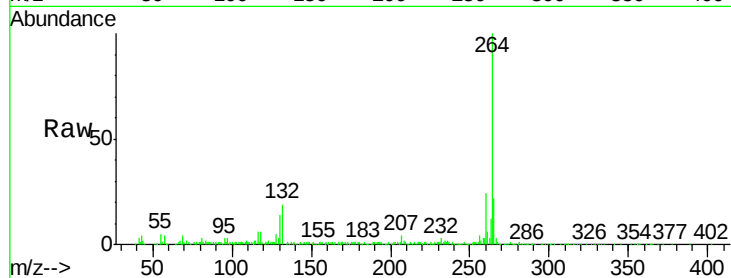




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 264 Resp: 217212
Ion Ratio Lower Upper
264 100
260 23.6 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

