

Data File : BF100650.D
Acq On : 17 Nov 2017 00:59
Operator : SJ/JU
Sample : I6490-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

Quant Time: Nov 17 03:00:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	108791	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	412309	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178595	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	297074	20.00	ng	0.00
75) Chrysene-d12	14.04	240	222488	20.00	ng	0.00
86) Perylene-d12	15.52	264	200308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	323843	47.72	ng	0.00
7) Phenol-d6	6.50	99	251554	30.06	ng	-0.01
23) Nitrobenzene-d5	7.45	82	647411	103.81	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	149404	82.10	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1185993	101.12	ng	0.00
78) Terphenyl-d14	12.99	244	833863	86.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	85297	14.70	ng	# 82
25) Isophorone	7.45	82	647208	49.39	ng	# 64
47) 2-Nitroaniline	9.24	65	1561	3.23	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22815	8.45	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	22815	6.70	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	8968	2.82	ng	# 1

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

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111417-JETT-E-U-B

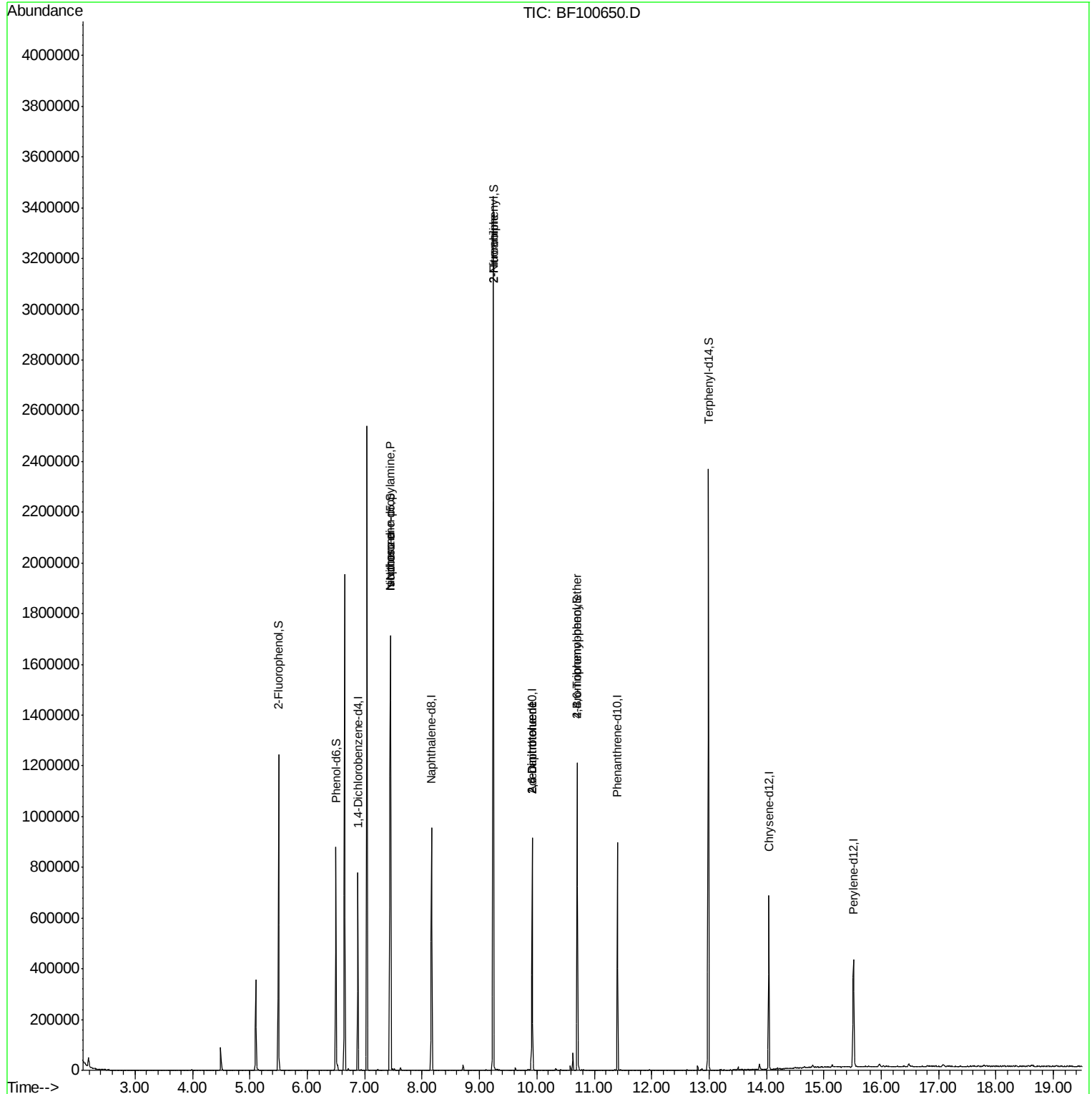
Quant Time: Nov 17 03:00:14 2017

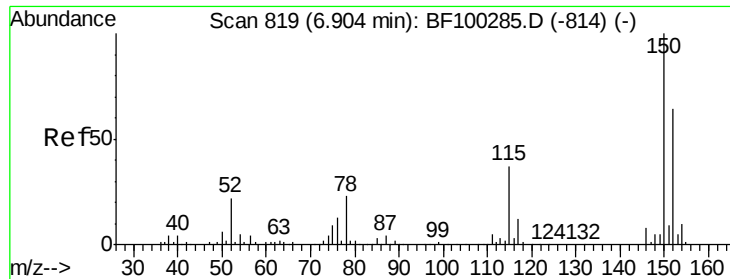
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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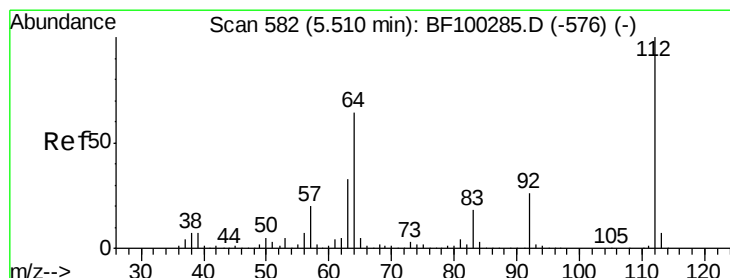
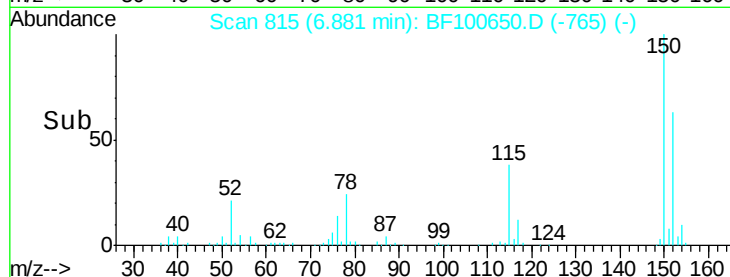
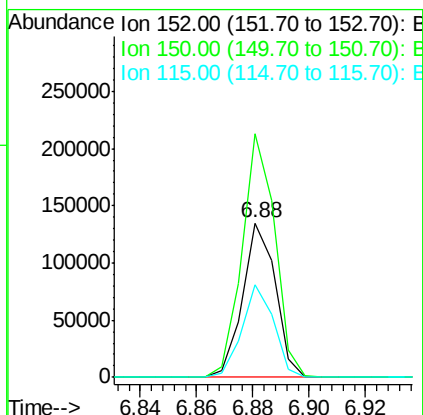
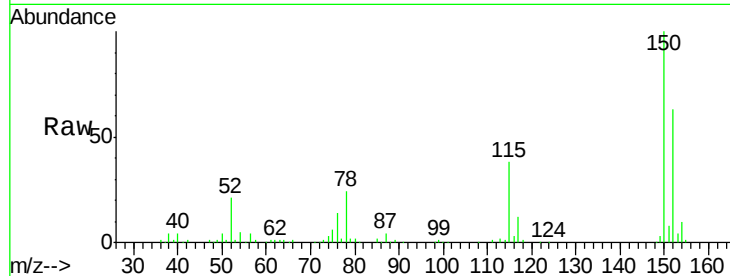


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

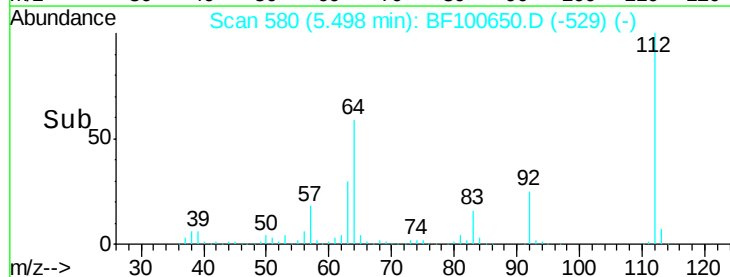
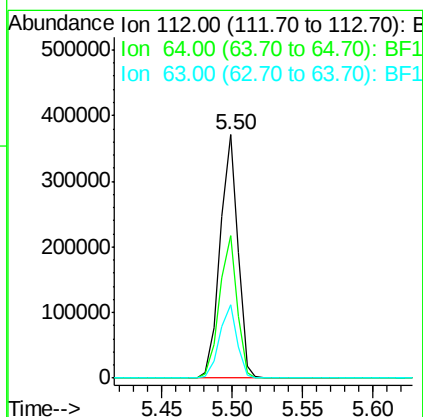
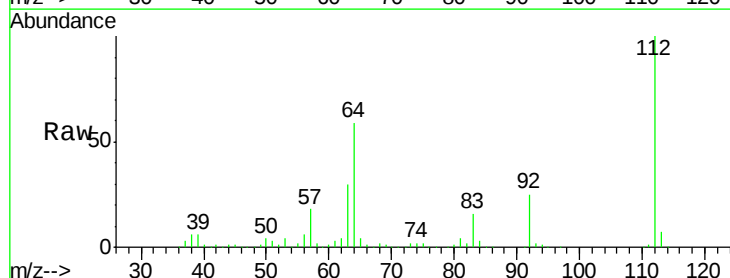
Tgt Ion:152 Resp: 108791
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.1 50.1 75.1

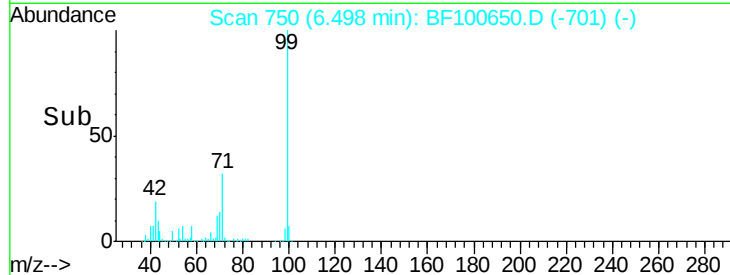
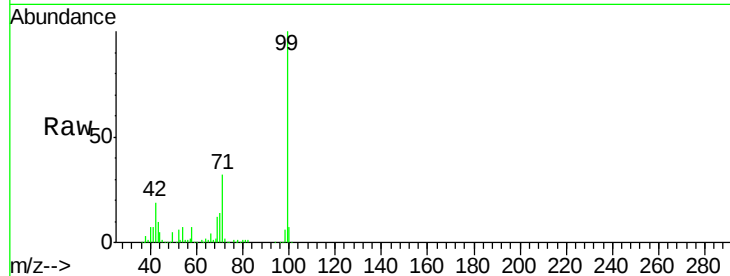


#5

2-Fluorophenol
Concen: 47.72 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Tgt Ion:112 Resp: 323843
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 30.06 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

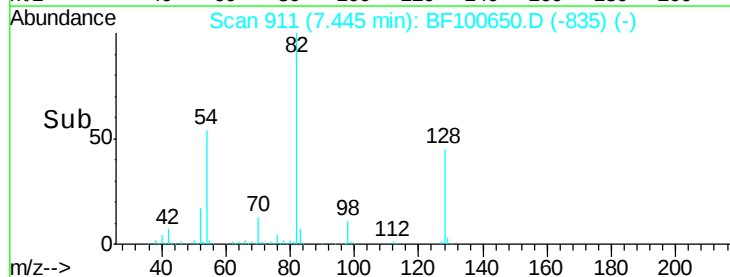
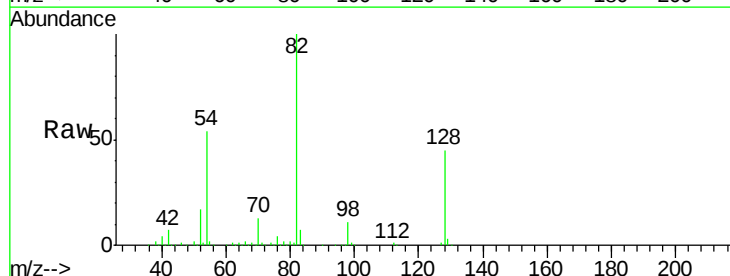
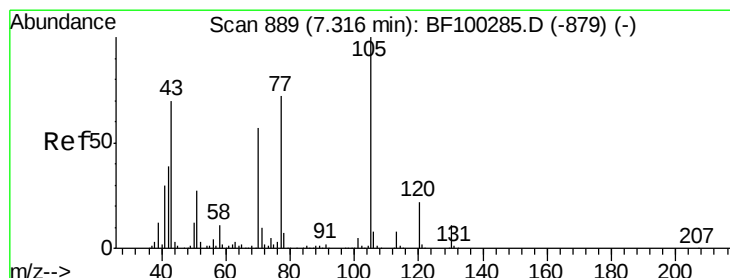
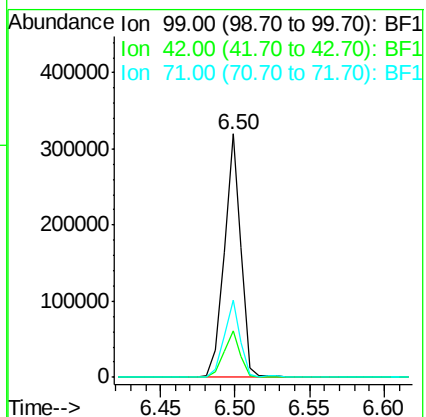
Tgt Ion: 99 Resp: 251554

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.70 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Tgt Ion: 70 Resp: 85297

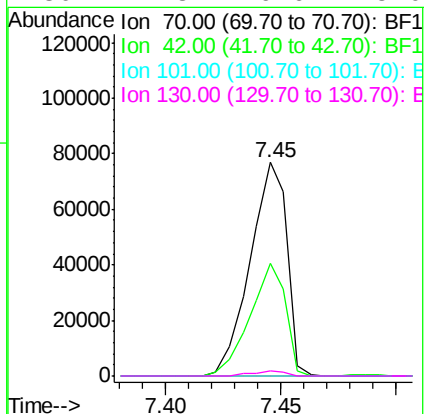
Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

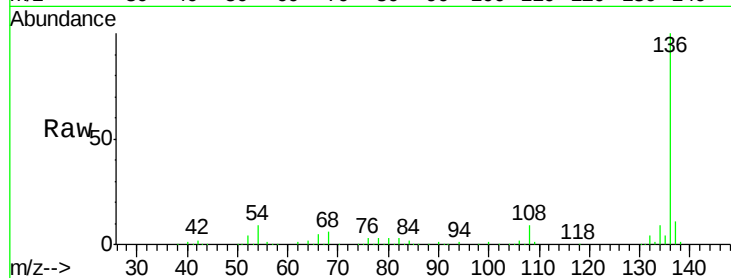




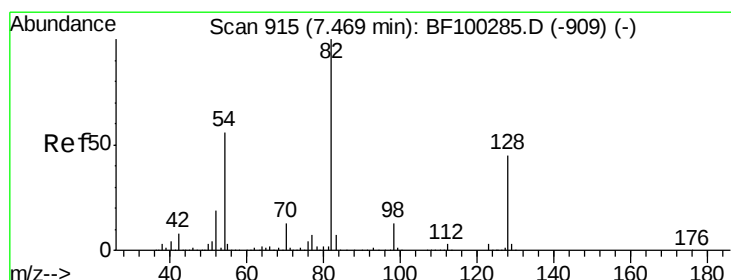
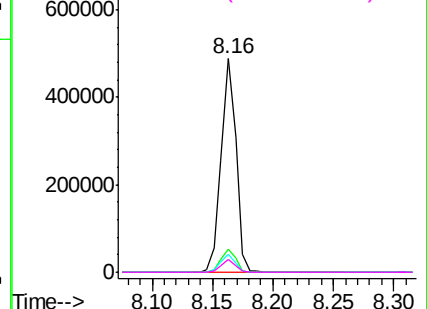
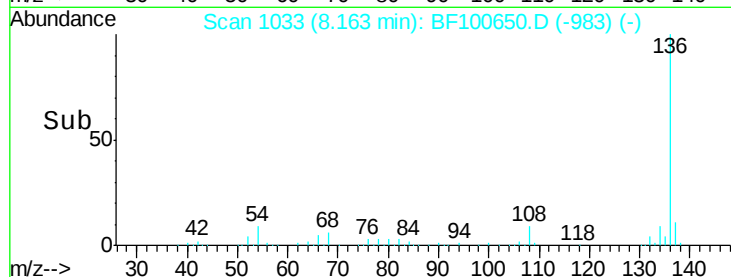
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

Tgt Ion:	136	Resp:	412309
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.0	5.0	7.4

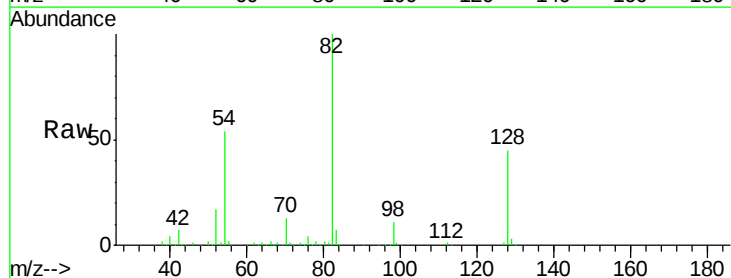


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

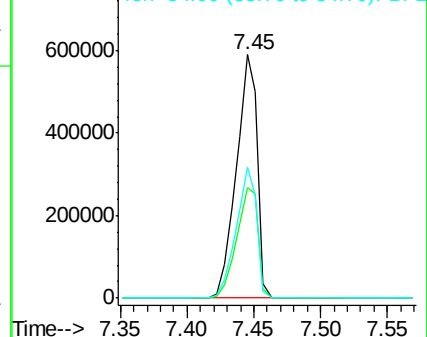
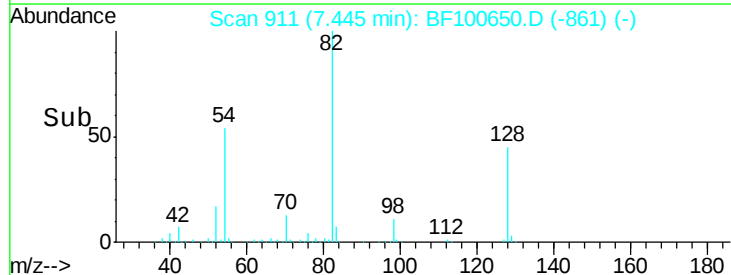


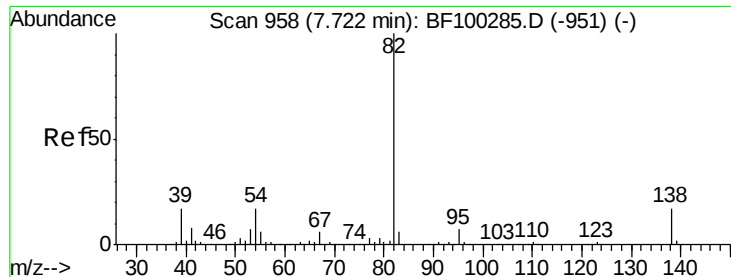
#23
Nitrobenzene-d5
Concen: 103.81 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Tgt Ion:	82	Resp:	647411
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	53.6	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: 49.39 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

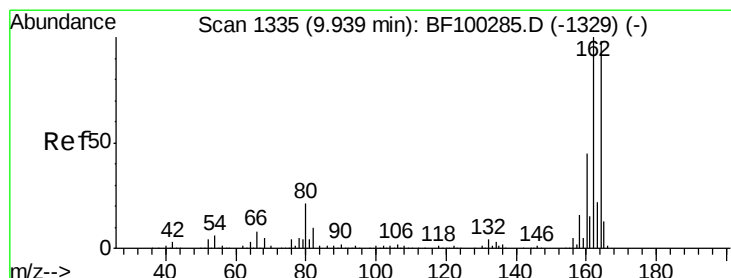
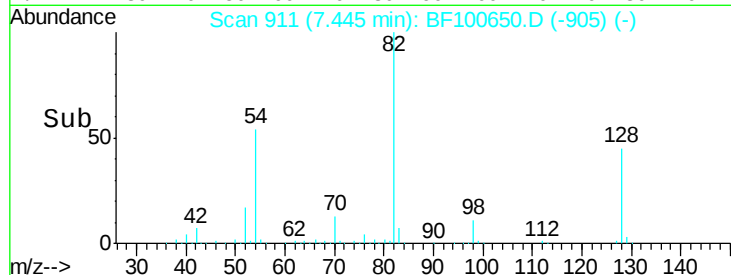
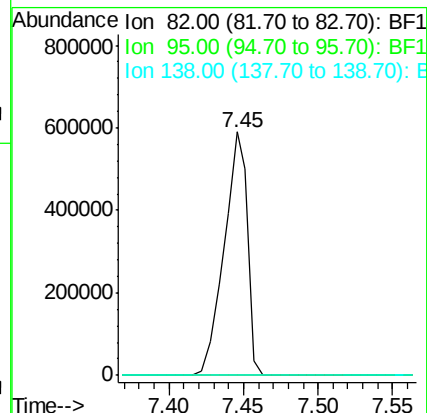
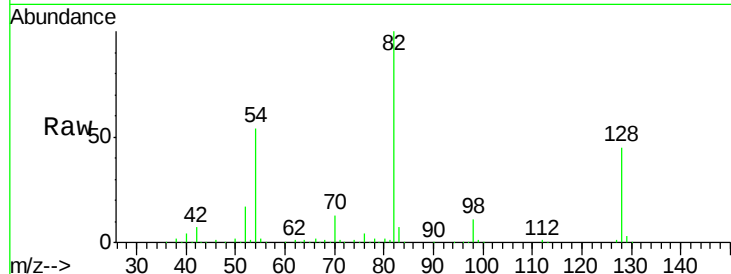
Tgt Ion: 82 Resp: 647208

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: BF100650.D

Acq: 17 Nov 2017 00:59

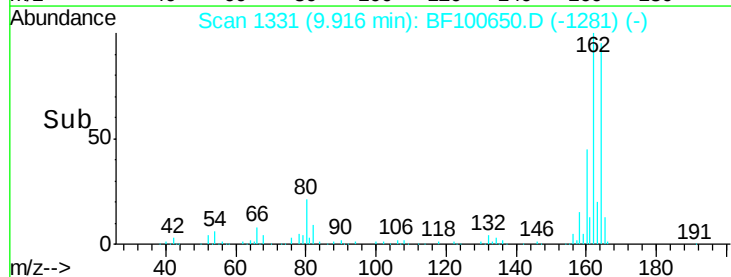
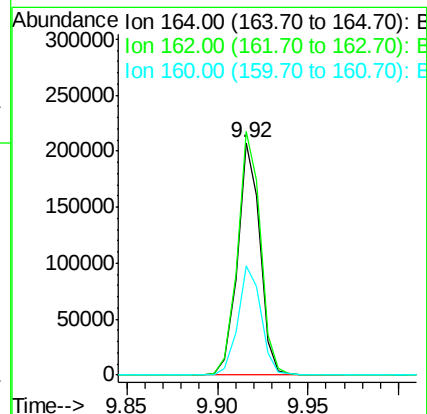
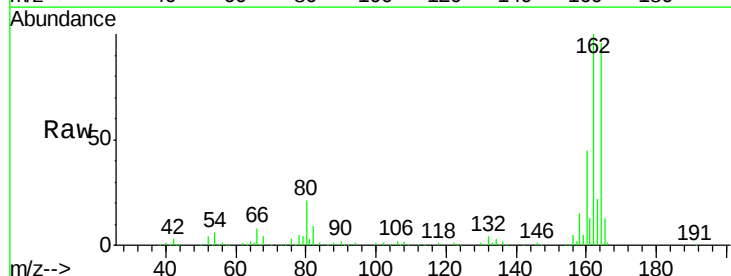
Tgt Ion: 164 Resp: 178595

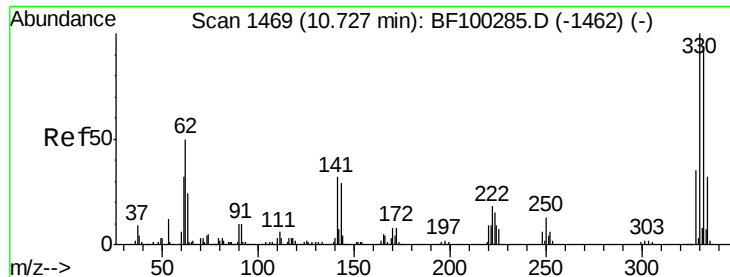
Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

160 46.9 38.3 57.5

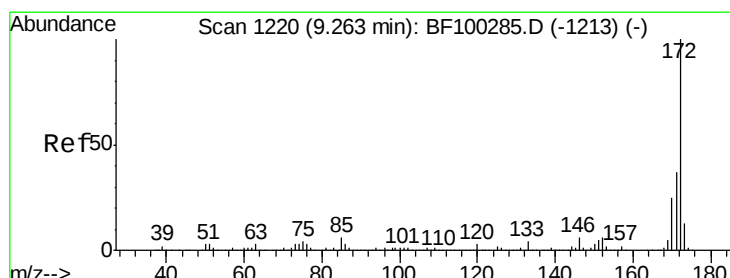
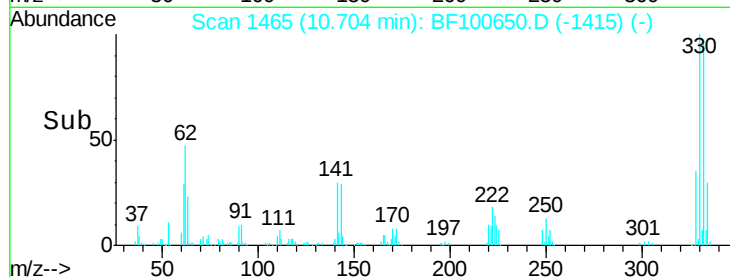
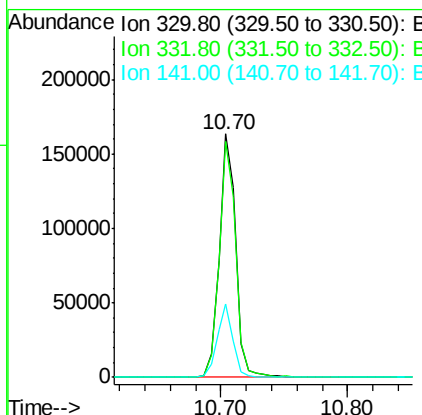
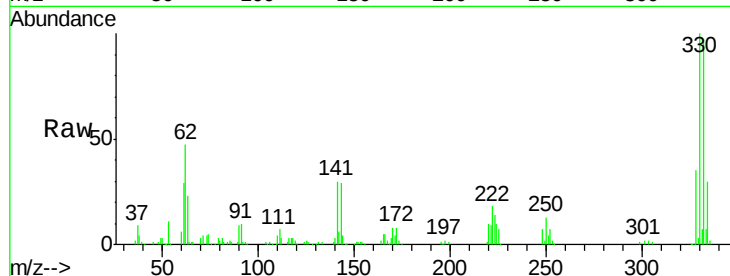




#41
 2,4,6-Tribromophenol
 Concen: 82.10 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

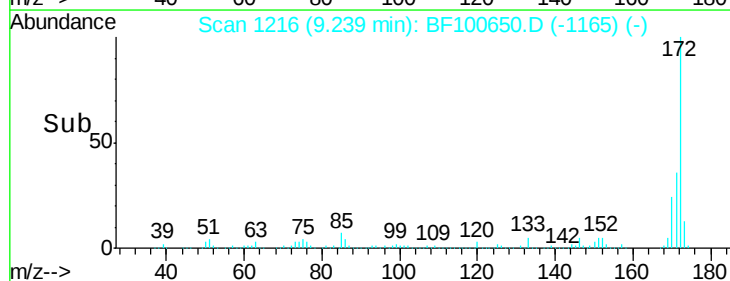
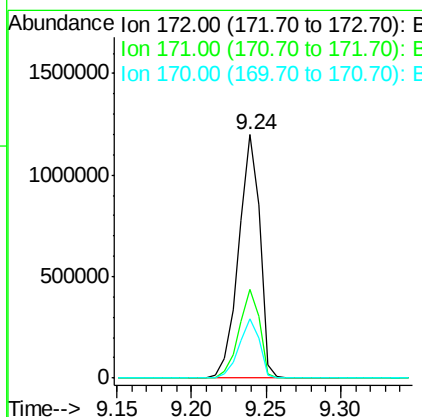
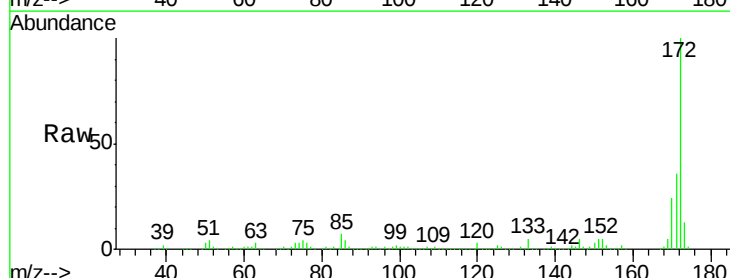
Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-B

Tgt Ion:330 Resp: 149404
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 28.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.12 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

Tgt Ion:172 Resp: 1185993
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.6 29.4

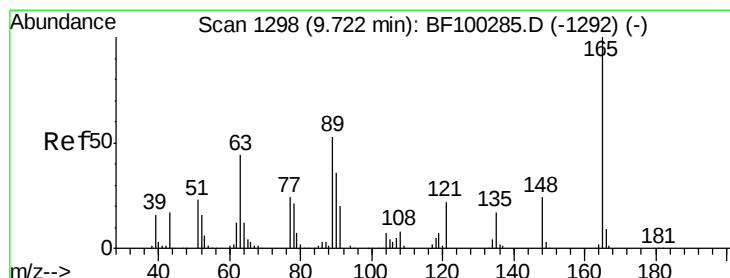
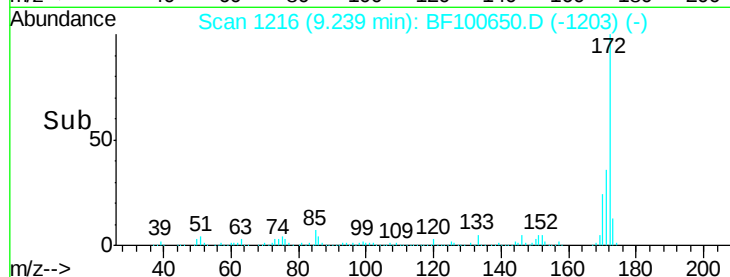
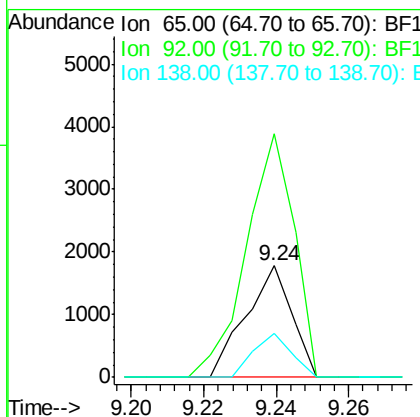
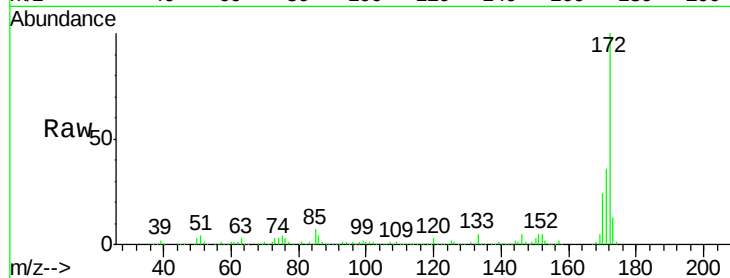




#47
 2-Nitroaniline
 Concen: 3.23 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

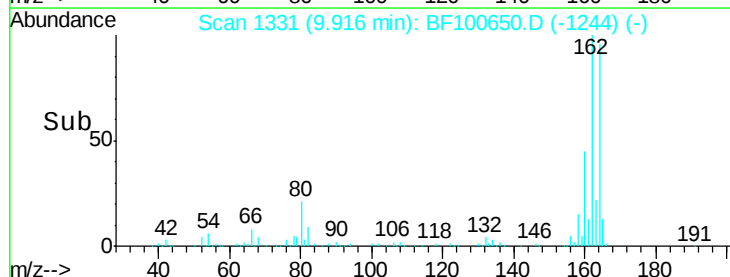
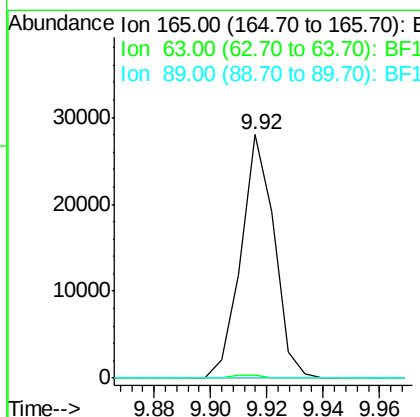
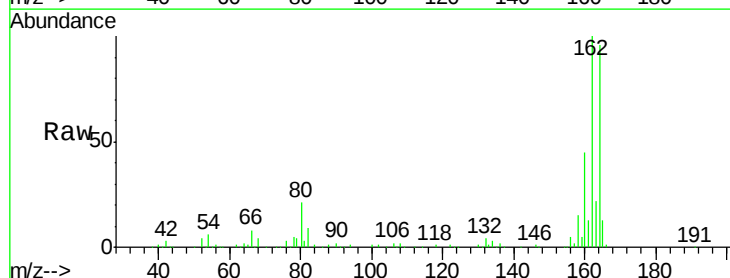
Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-B

Tgt Ion: 65 Resp: 1561
 Ion Ratio Lower Upper
 65 100
 92 218.3 55.8 83.6#
 138 39.3 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

Tgt Ion: 165 Resp: 22815
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 0.0 44.0 66.0#

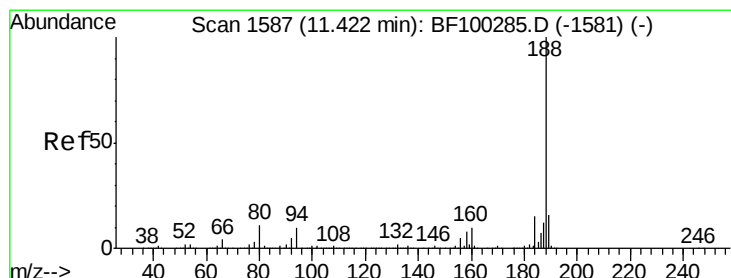
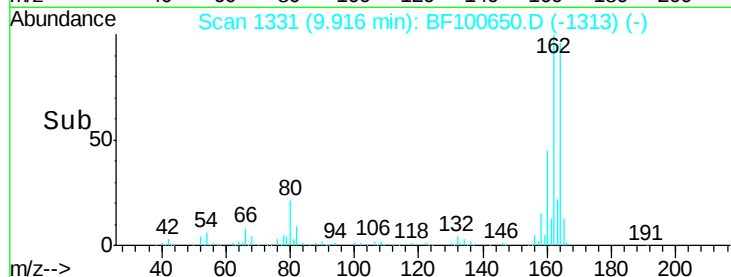
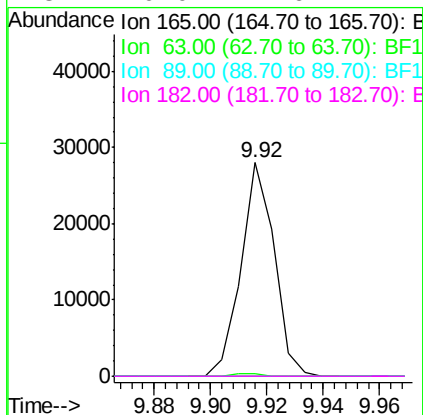
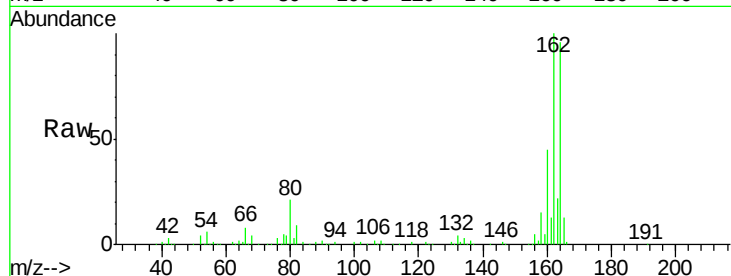




#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

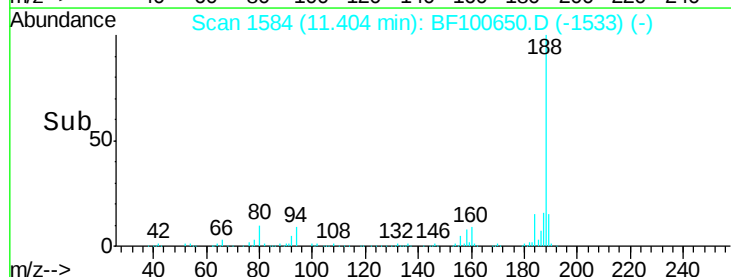
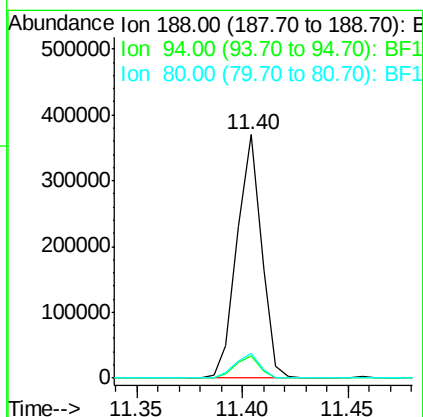
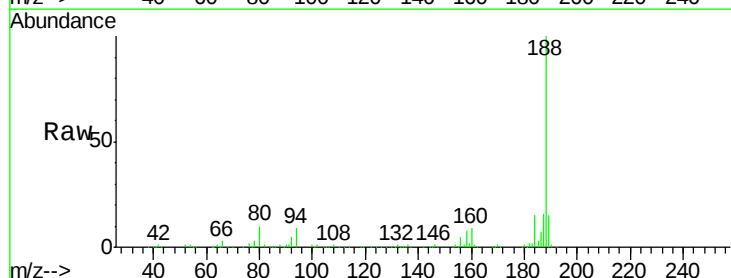
Instrument :
 BNA_F
 ClientSampleId :
 111417-JETT-E-U-B

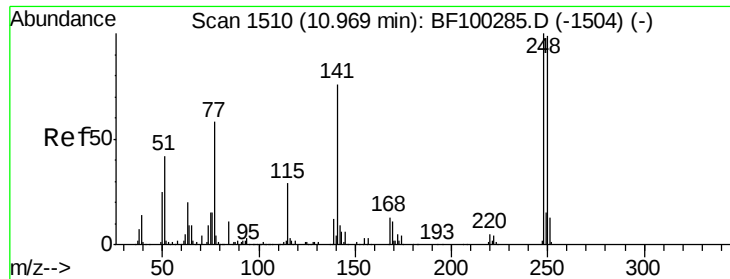
Tgt Ion:	165	Resp:	22815
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100650.D
 Acq: 17 Nov 2017 00:59

Tgt Ion:	188	Resp:	297074
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8

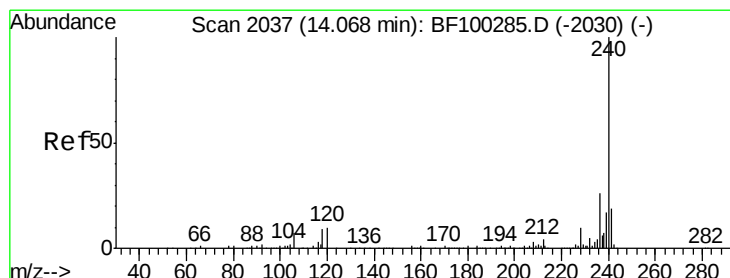
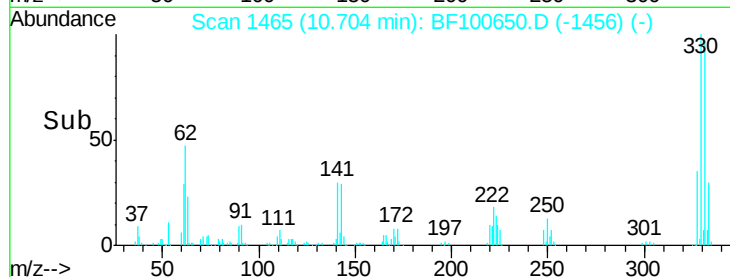
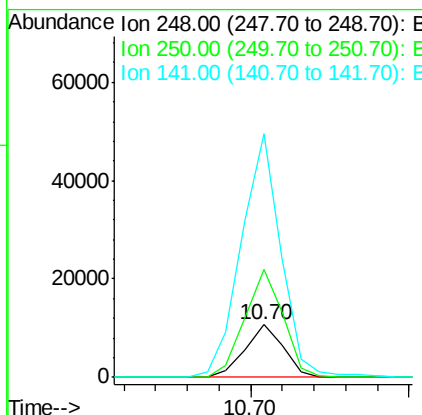
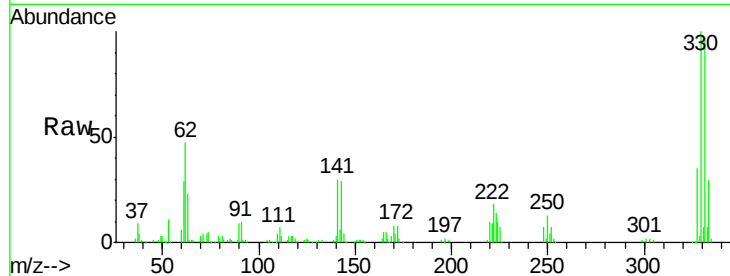




#66
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

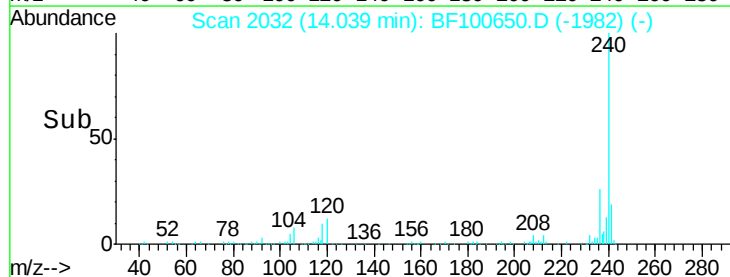
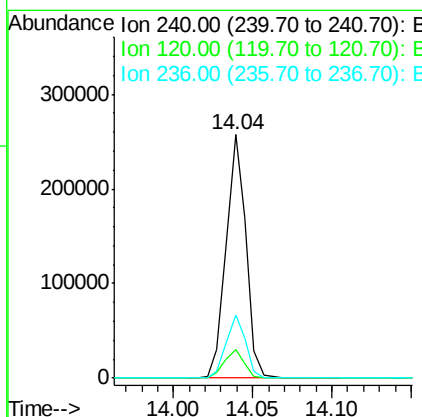
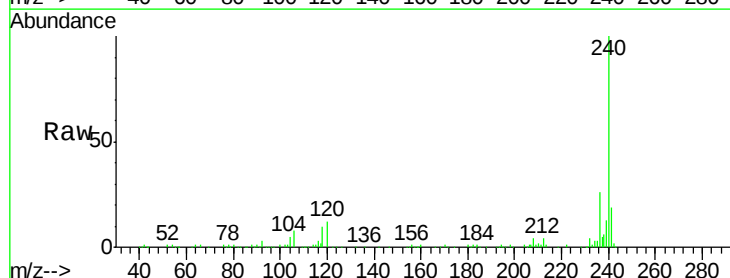
Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-U-B

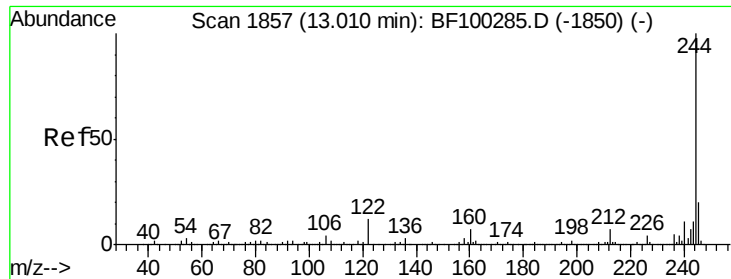
Tgt Ion:248 Resp: 8968
Ion Ratio Lower Upper
248 100
250 205.5 76.9 115.3#
141 461.4 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100650.D
Acq: 17 Nov 2017 00:59

Tgt Ion:240 Resp: 222488
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 86.12 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

Instrument :

BNA_F

ClientSampleId :

111417-JETT-E-U-B

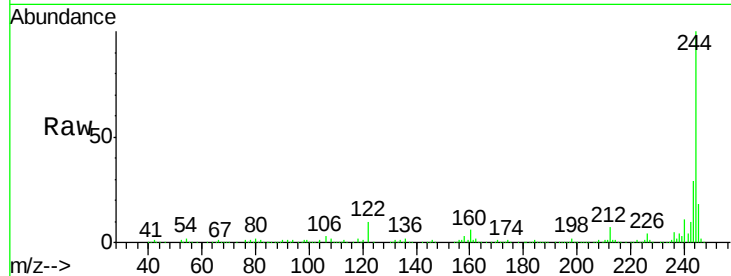
Tgt Ion:244 Resp: 833863

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

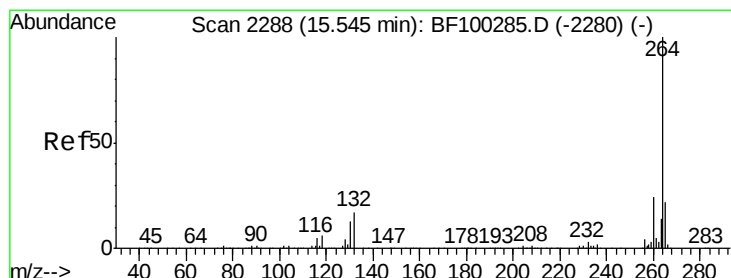
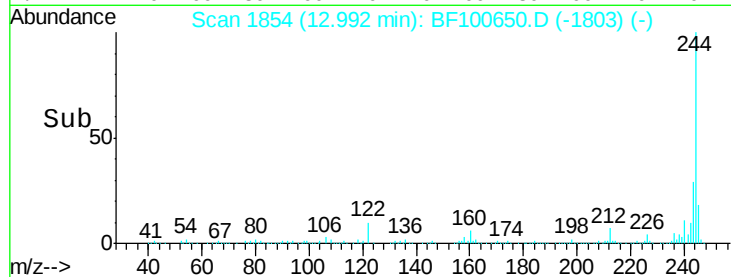
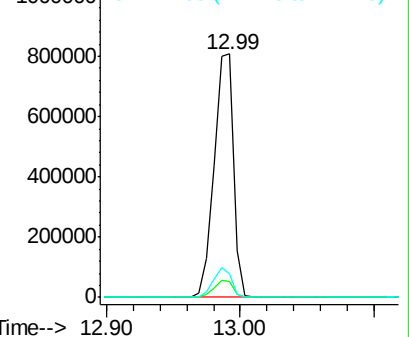
122 9.6 11.0 16.4#



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100650.D

Acq: 17 Nov 2017 00:59

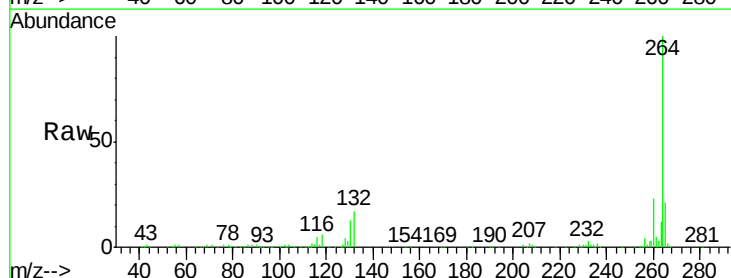
Tgt Ion:264 Resp: 200308

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 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

