

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100861.D
 Acq On : 23 Nov 2017 8:54
 Operator : SJ/JU
 Sample : I6541-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111717-JETT-F-U-B

Quant Time: Nov 24 22:50:11 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

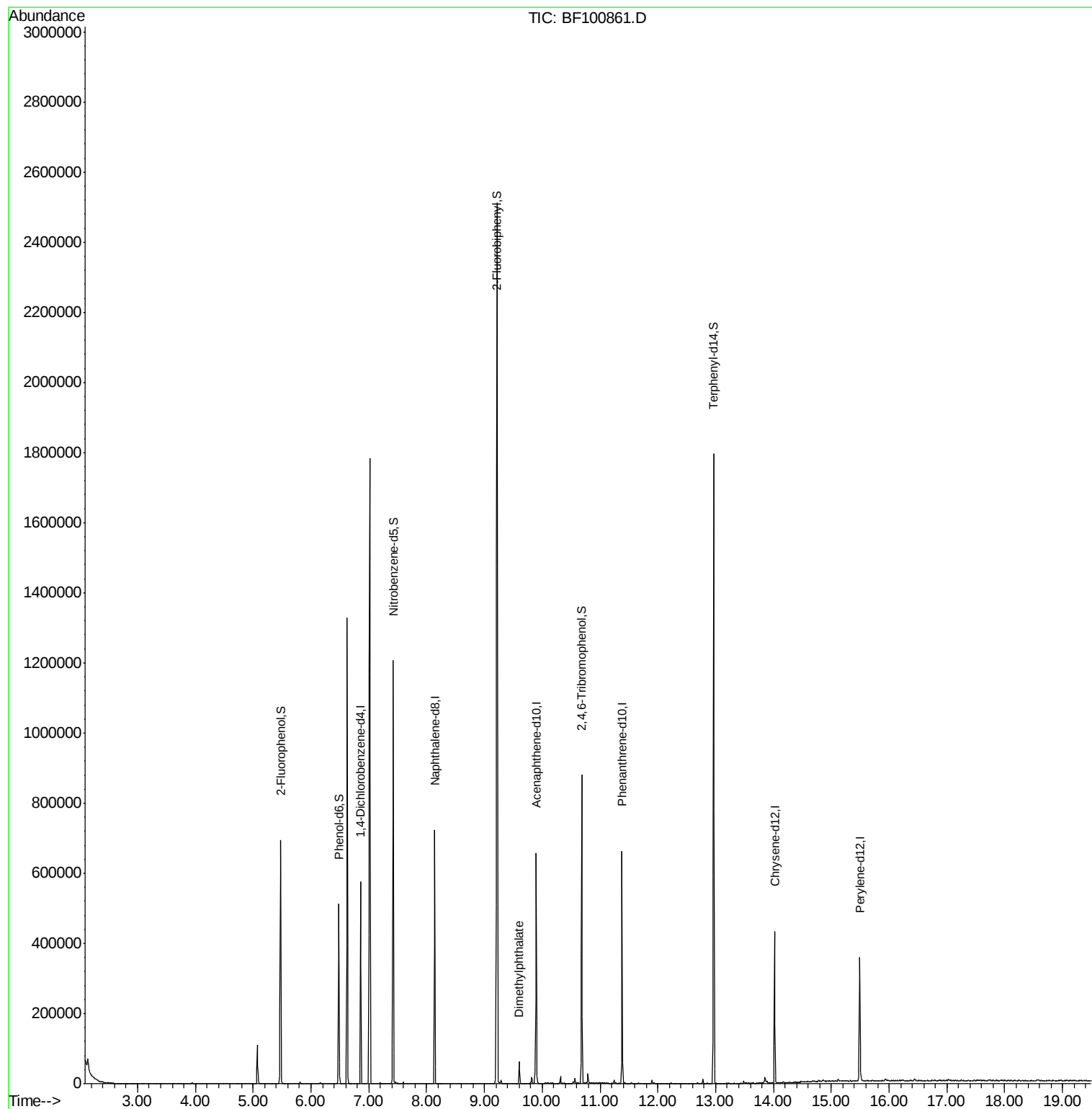
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78851	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	308799	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	137964	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	227763	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	151959	20.00	ng	-0.02
86) Perylene-d12	15.49	264	167158	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	190479	38.72	ng	-0.02
7) Phenol-d6	6.48	99	146219	24.11	ng	-0.03
23) Nitrobenzene-d5	7.42	82	440474	94.30	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	117637	83.68	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	864739	95.44	ng	-0.02
78) Terphenyl-d14	12.97	244	576493	87.17	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	24585	2.334	ng	99

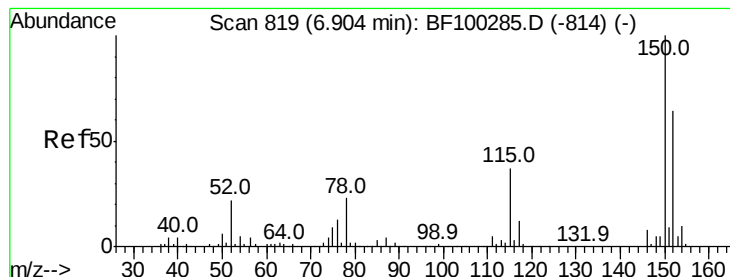
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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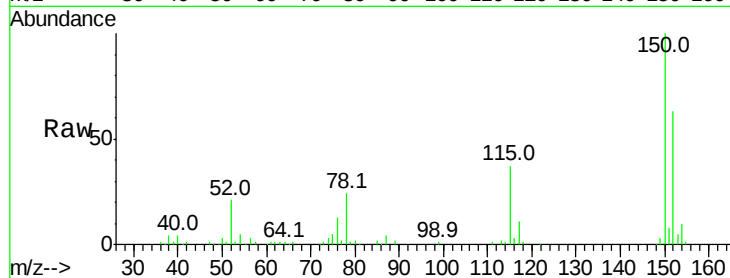


#1

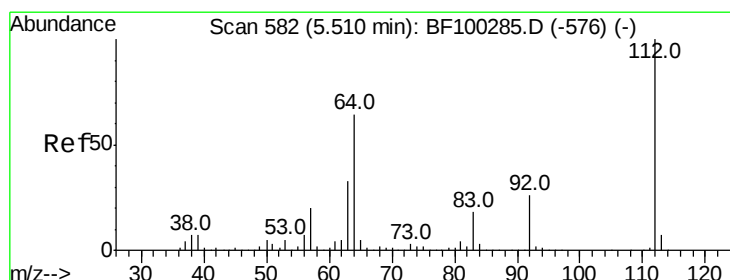
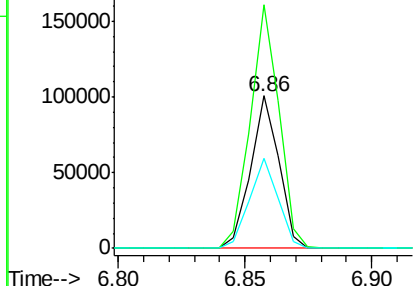
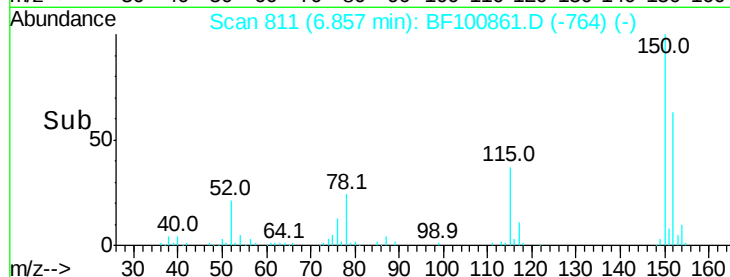
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :
 111717-JETT-F-U-B

Tot Ion:152 Resp: 78851
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 59.2 50.1 75.1



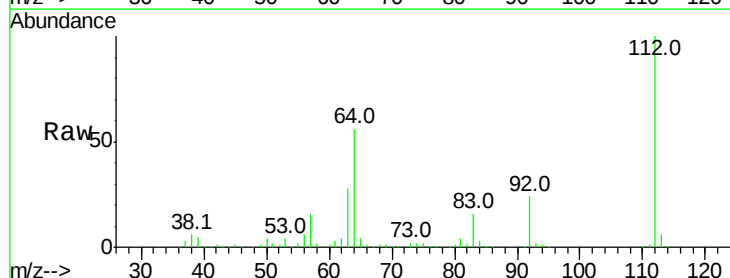
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



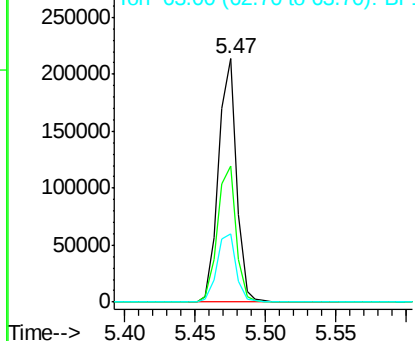
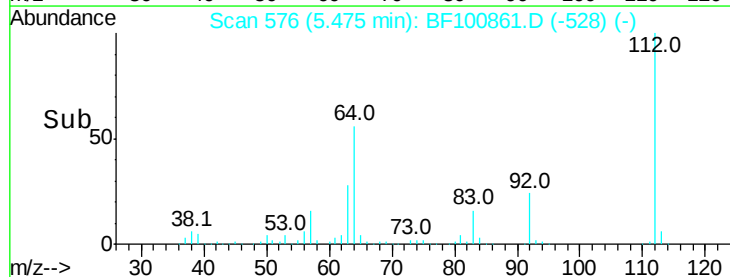
#5

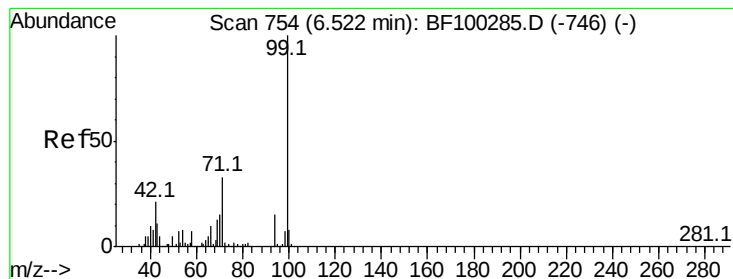
2-Fluorophenol
 Concen: 38.723 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion:112 Resp: 190479
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 28.1 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: 24.106 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

111717-JETT-F-U-B

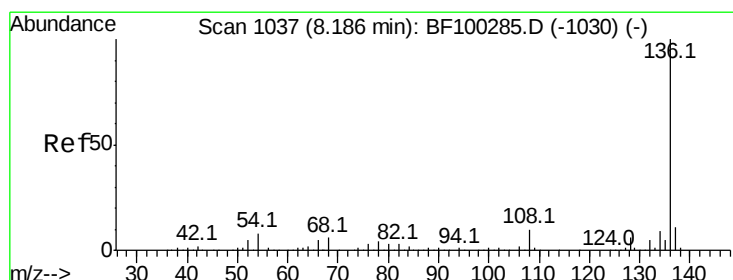
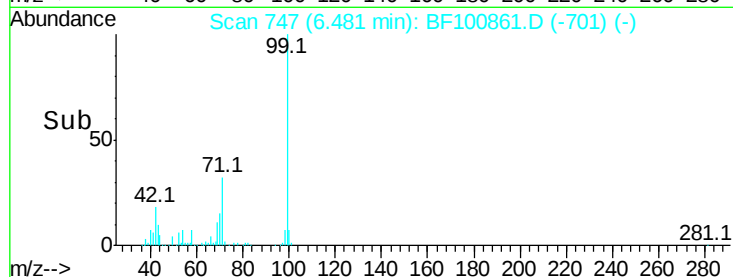
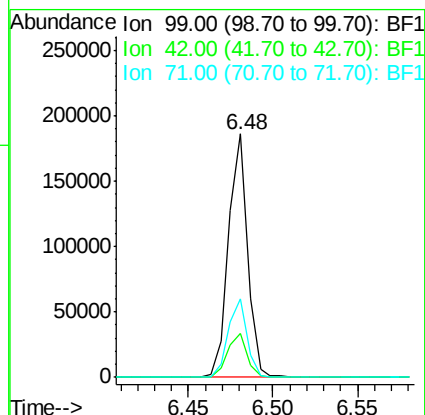
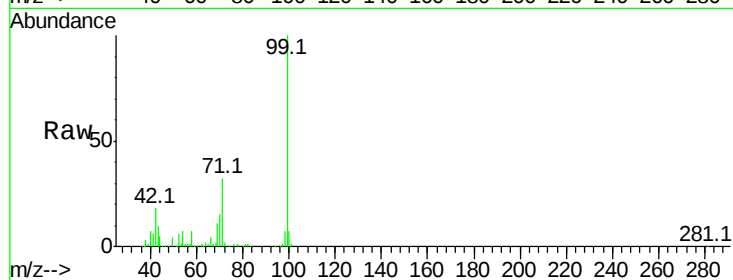
Tot Ion: 99 Resp: 146219

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Tgt Ion: 136 Resp: 308799

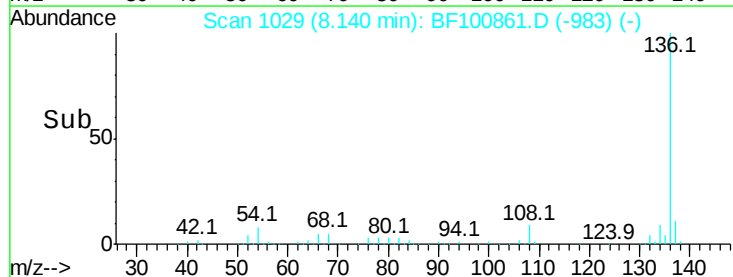
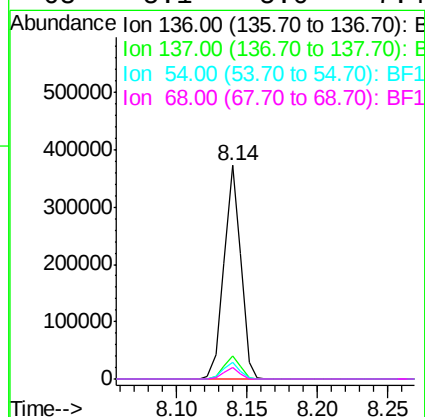
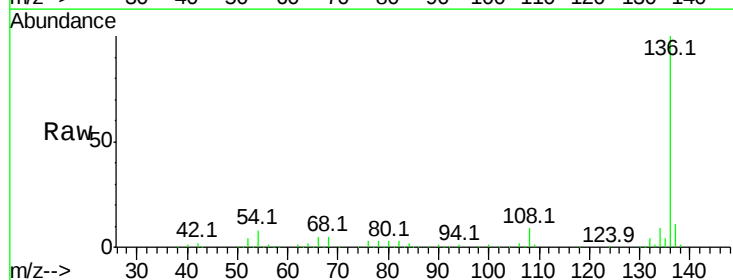
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.305 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

111717-JETT-F-U-B

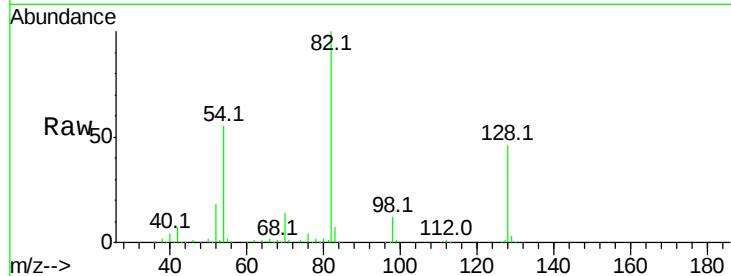
Tot Ion: 82 Resp: 440474

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

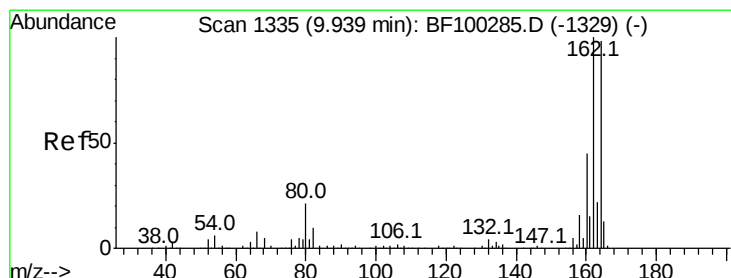
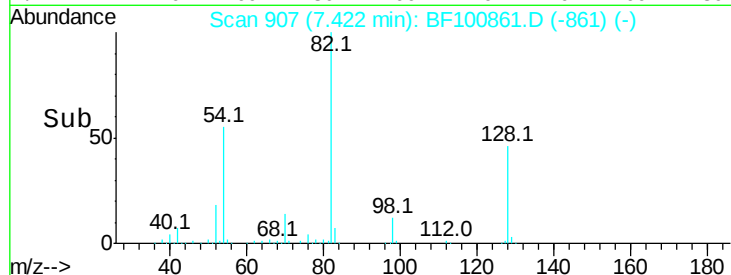
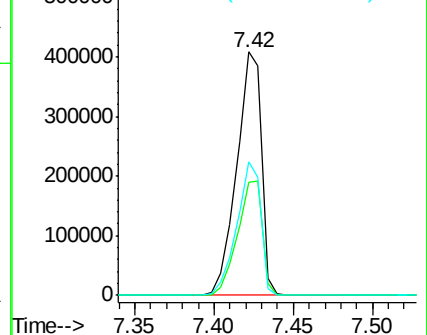
54 54.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

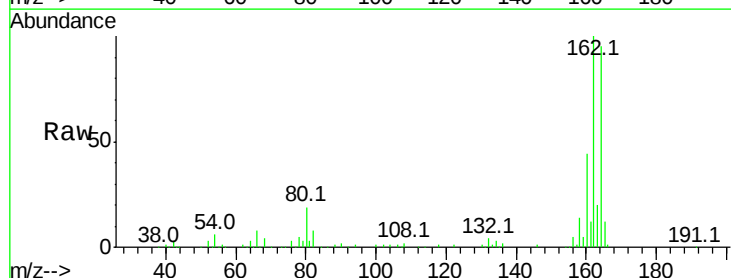
Tgt Ion: 164 Resp: 137964

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

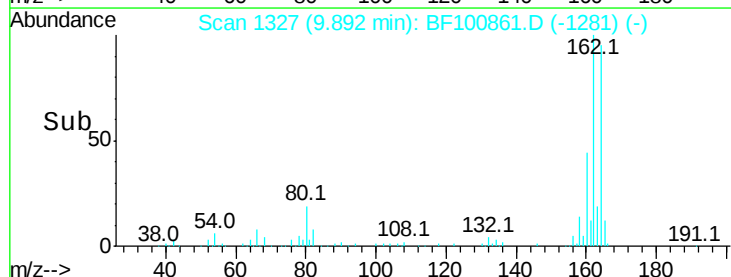
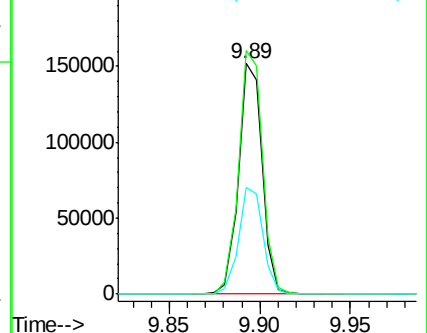
160 46.1 38.3 57.5



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

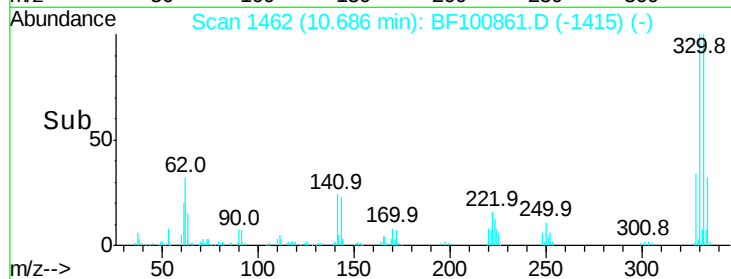
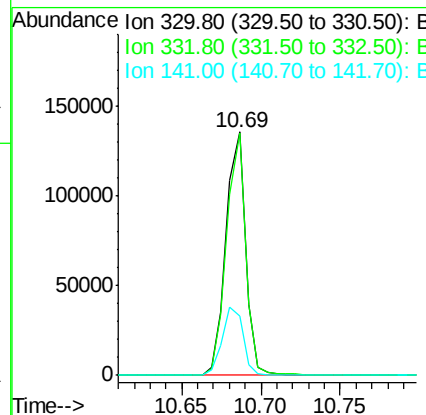
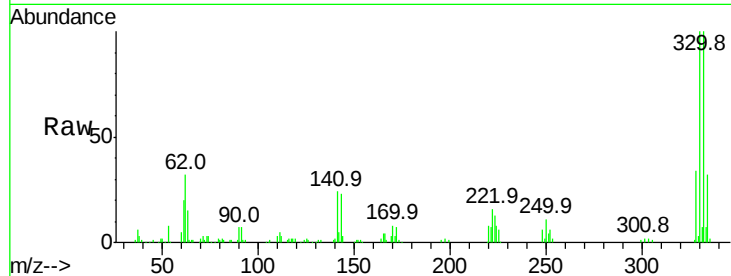




#41
 2,4,6-Tribromophenol
 Concen: 83.677 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

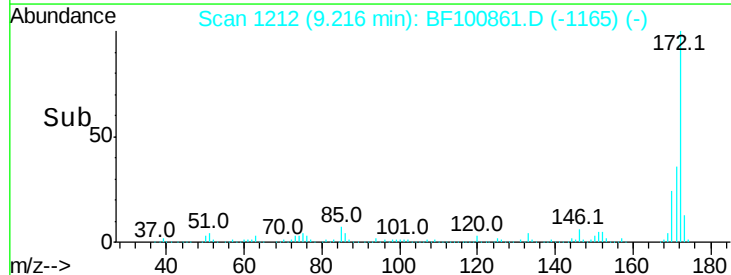
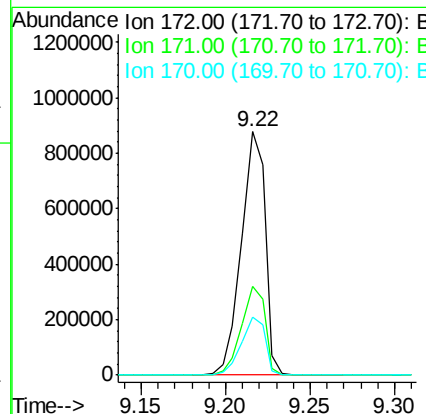
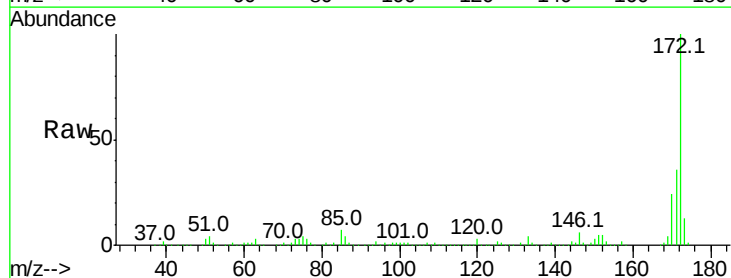
Instrument :
 BNA_F
 ClientSampleId :
 111717-JETT-F-U-B

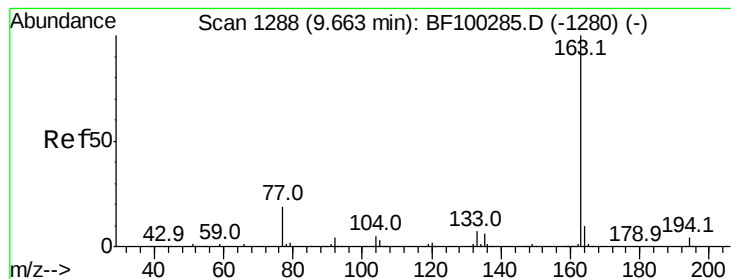
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 95.441 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 2.334 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

111717-JETT-F-U-B

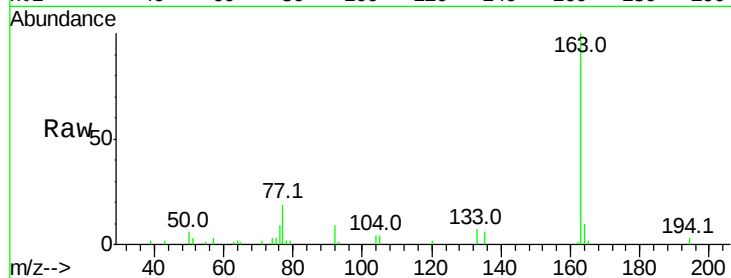
Tot Ion:163 Resp: 24585

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

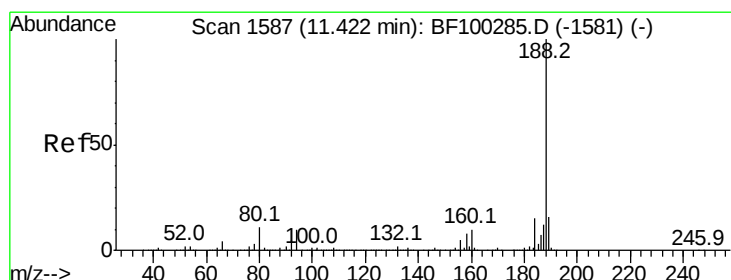
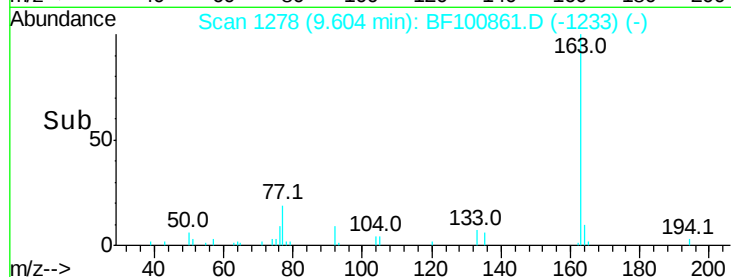
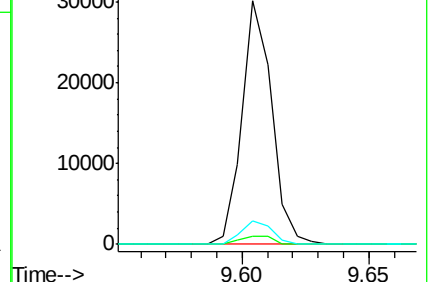
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

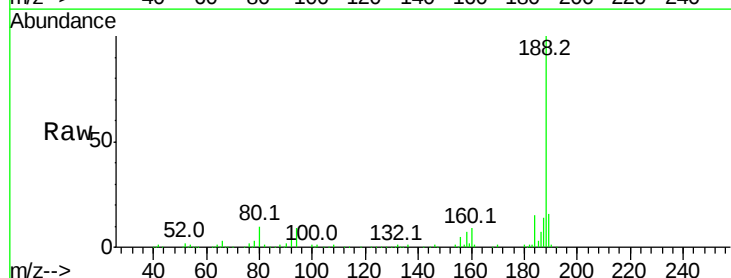
Tgt Ion:188 Resp: 227763

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

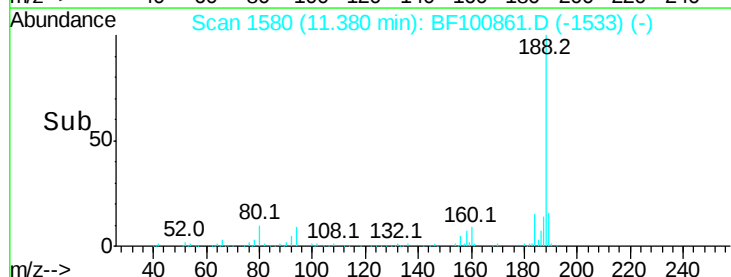
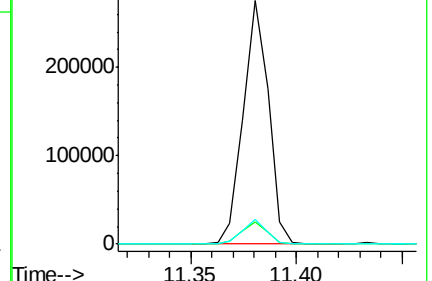
80 10.2 9.2 13.8

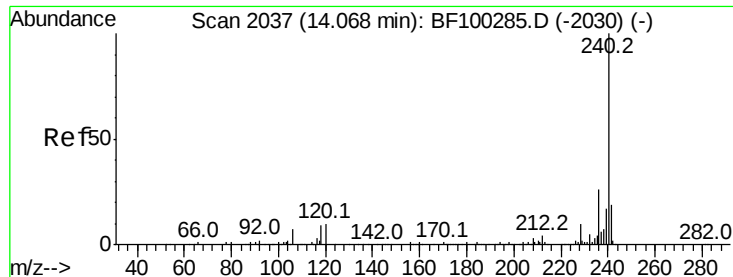


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

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ClientSampleId :

111717-JETT-F-U-B

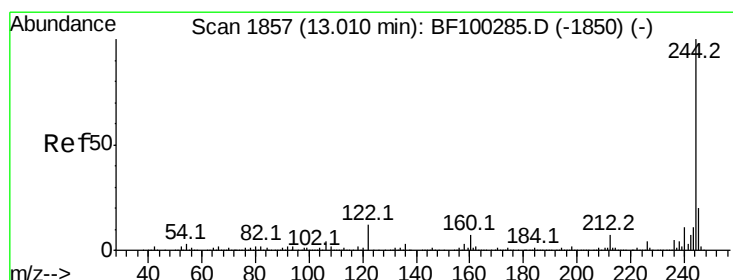
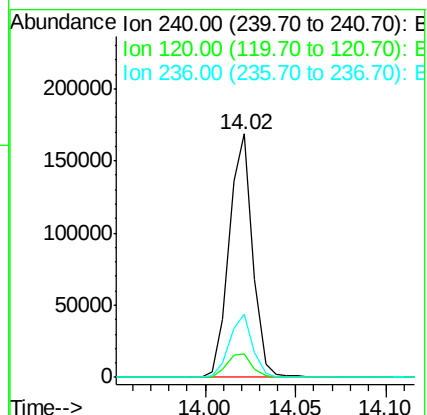
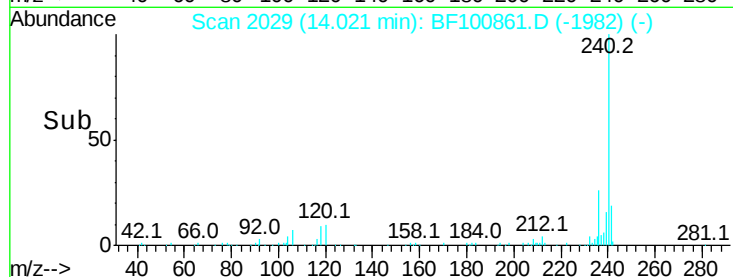
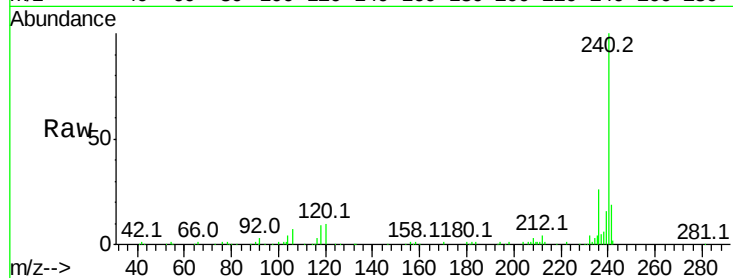
Tot Ion:240 Resp: 151959

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

236 26.1 20.7 31.1



#78

Terphenyl-d14

Concen: 87.169 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

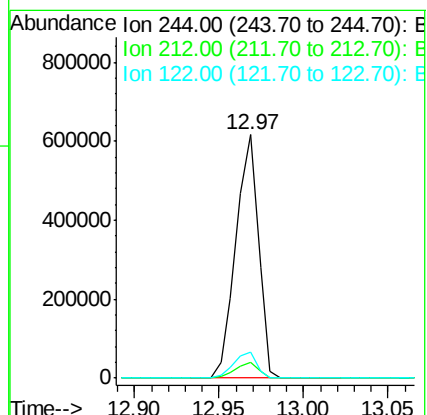
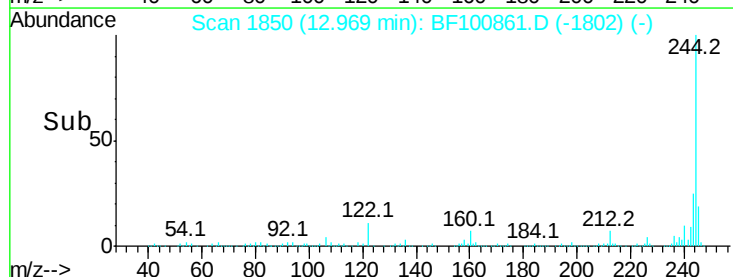
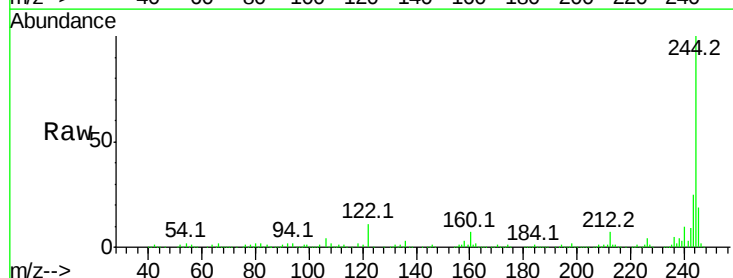
Tgt Ion:244 Resp: 576493

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.9 11.0 16.4#

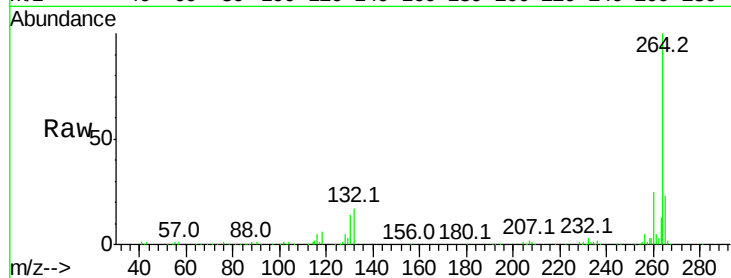




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Instrument :
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Tot Ion:	264	Resp:	167158
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.9	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

