

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100810.D
 Acq On : 22 Nov 2017 5:33
 Operator : SJ/JU
 Sample : I6542-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Nov 22 07:48:56 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	86271	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	328820	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	145497	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	232194	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	171870	20.00	ng	-0.01
86) Perylene-d12	15.51	264	151982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	225934	41.98	ng	0.00
7) Phenol-d6	6.49	99	170021	25.62	ng	-0.02
23) Nitrobenzene-d5	7.44	82	519525	104.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	122974	82.94	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	991405	103.76	ng	0.00
78) Terphenyl-d14	12.98	244	633078	84.64	ng	0.00

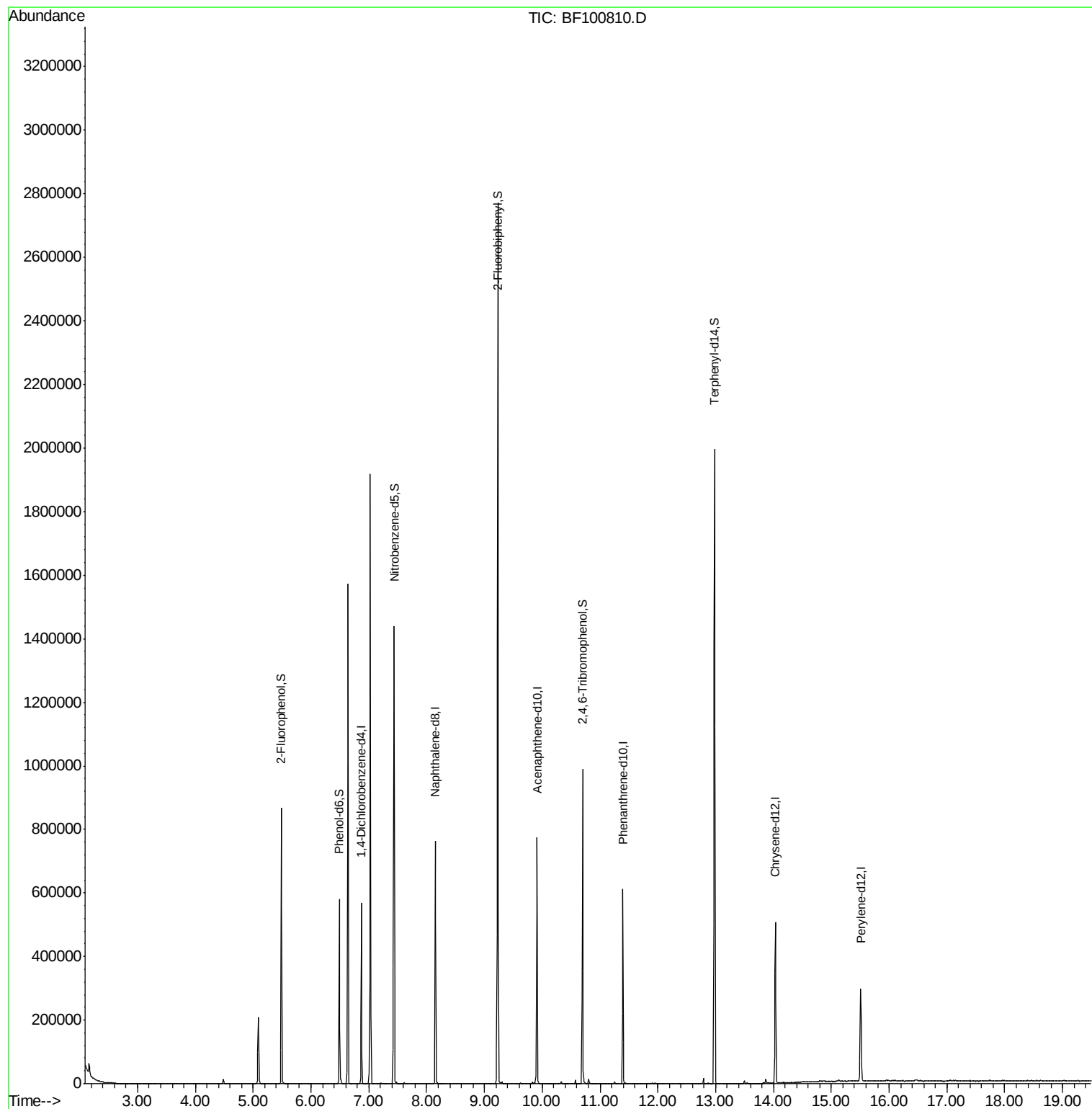
Target Compounds Qvalue

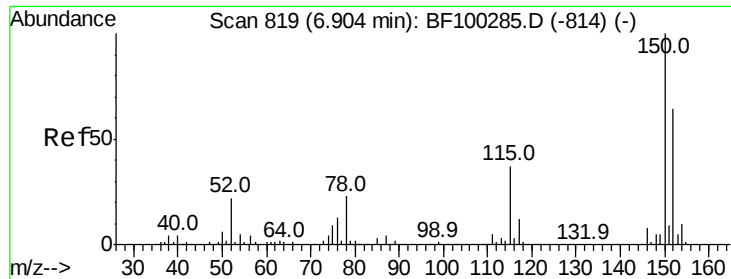
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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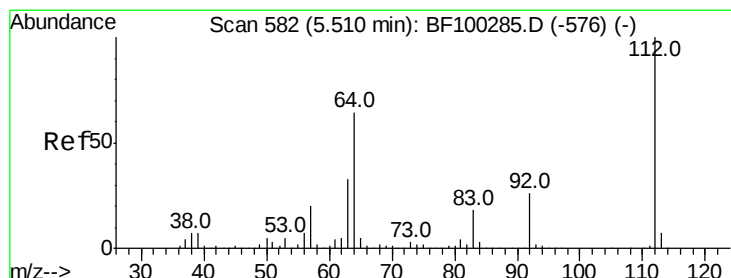
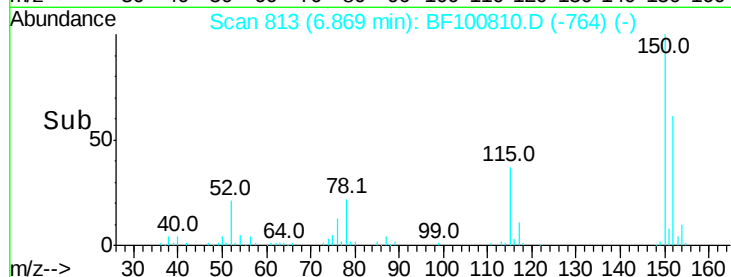
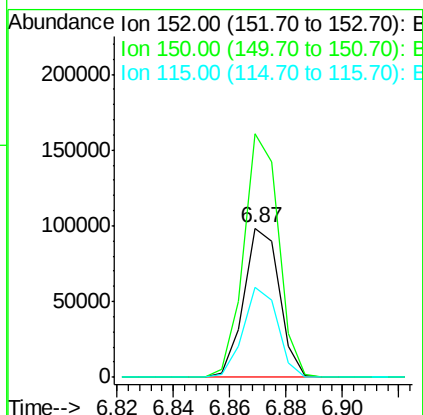
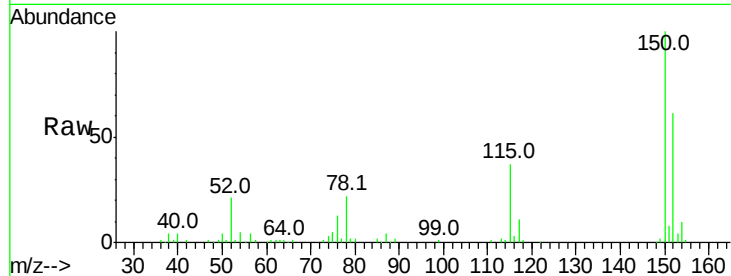


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100810.D
Acq: 22 Nov 2017 5:33

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

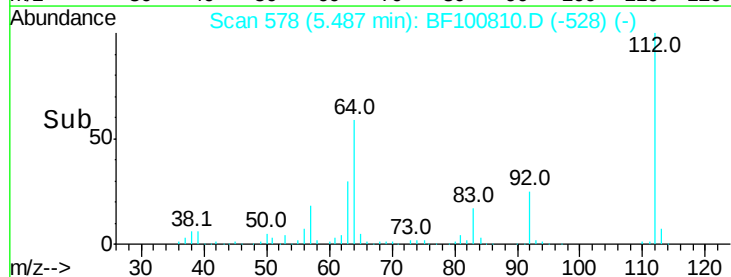
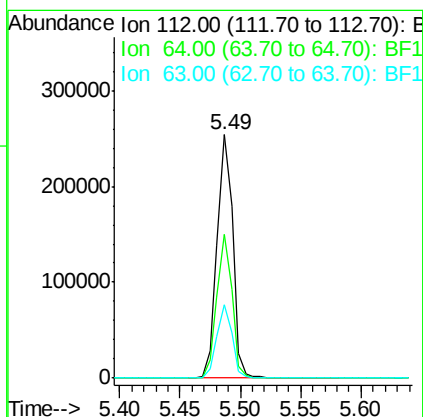
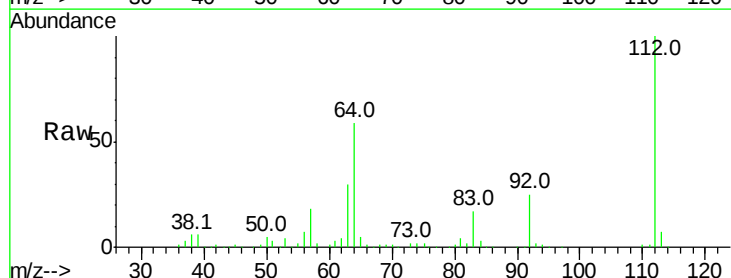
Tot Ion:152 Resp: 86271
Ion Ratio Lower Upper
152 100
150 163.1 124.6 186.8
115 60.3 50.1 75.1



#5

2-Fluorophenol
Concen: 41.980 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100810.D
Acq: 22 Nov 2017 5:33

Tgt Ion:112 Resp: 225934
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 25.619 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100810.D

Acq: 22 Nov 2017 5:33

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-U-B

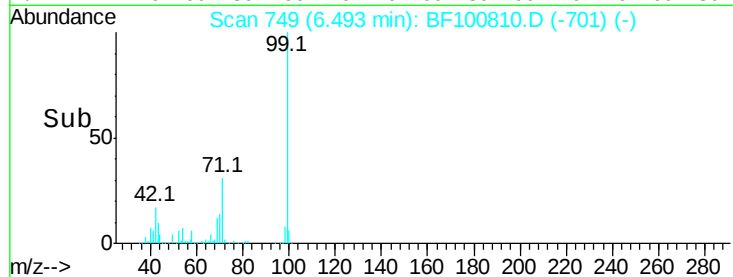
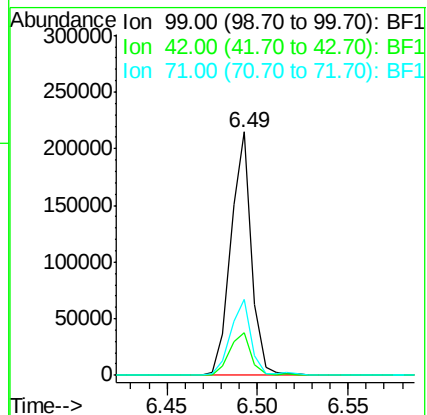
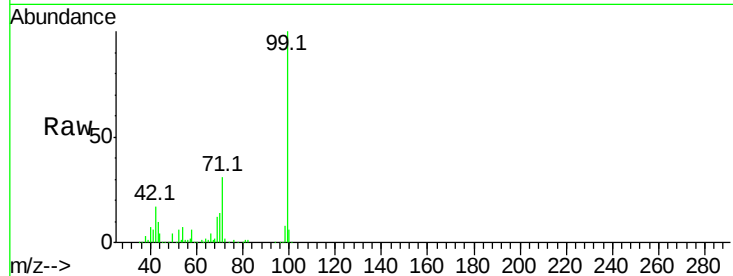
Tot Ion: 99 Resp: 170021

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100810.D

Acq: 22 Nov 2017 5:33

Tgt Ion: 136 Resp: 328820

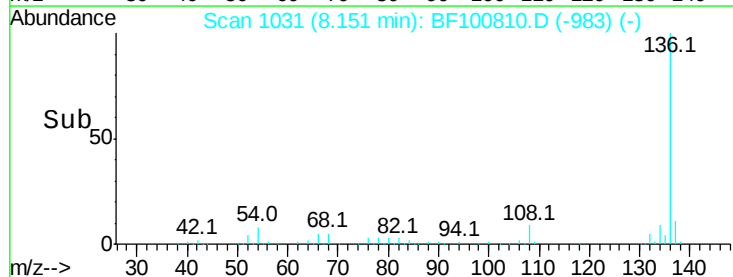
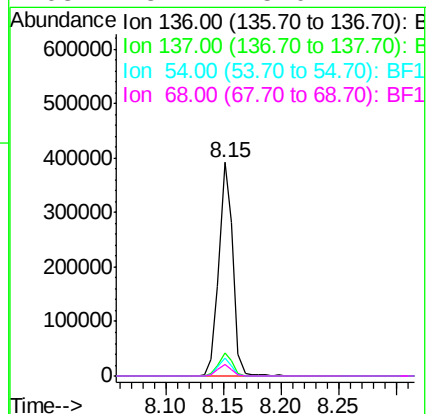
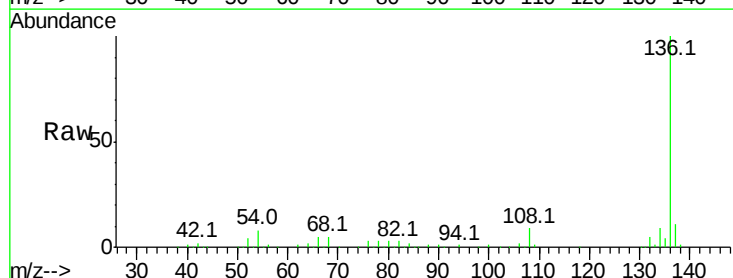
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 5.2 5.0 7.4

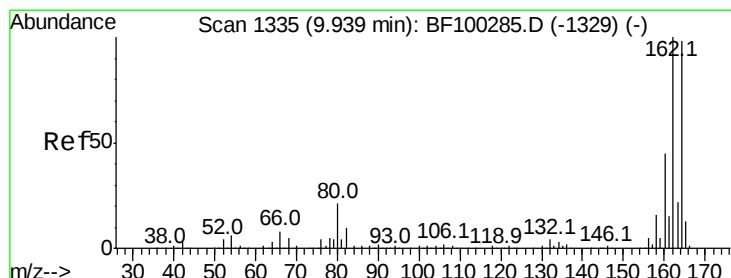
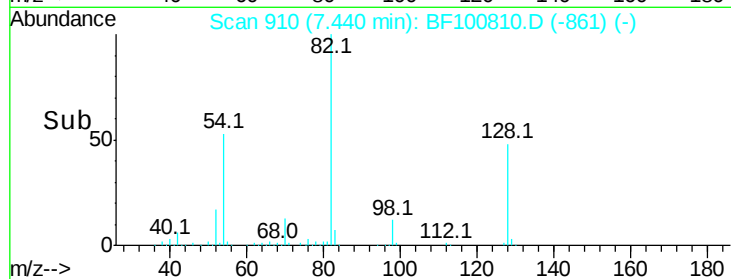
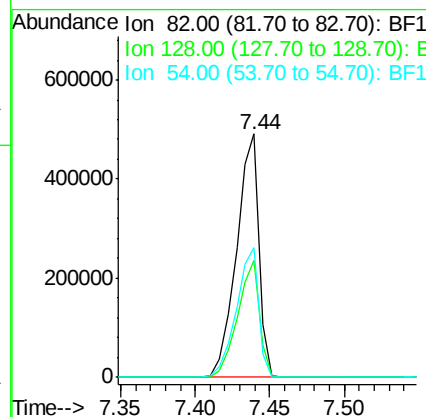
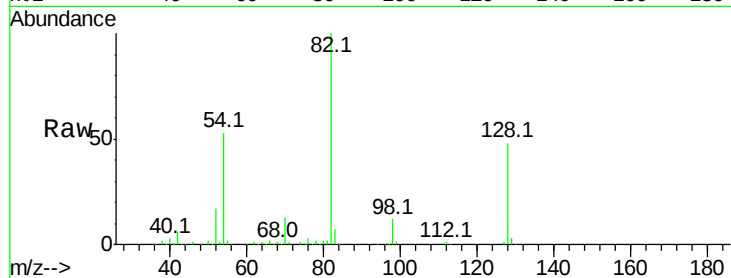




#23
 Nitrobenzene-d5
 Concen: 104.457 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100810.D
 Acq: 22 Nov 2017 5:33

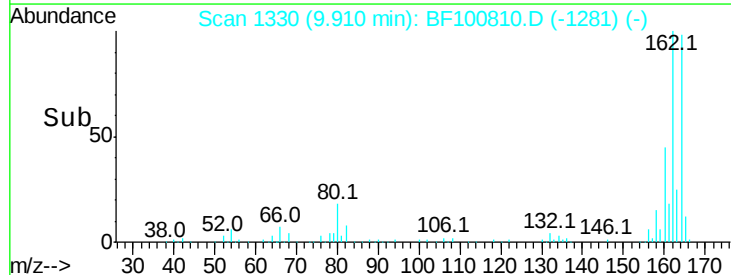
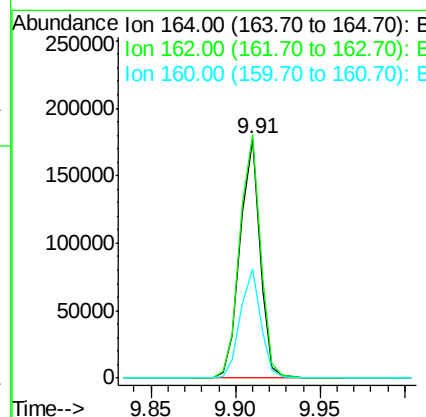
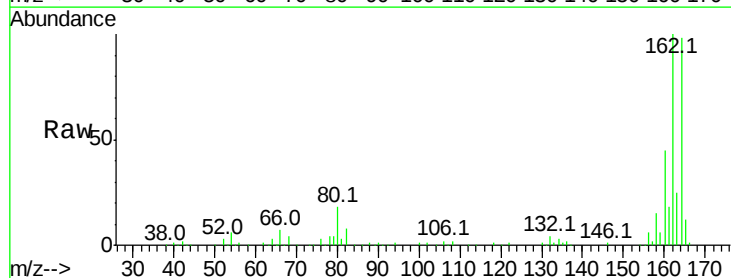
Instrument :
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 111717-TIDO-F-U-B

Tot Ion	82	Resp	519525
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	53.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100810.D
 Acq: 22 Nov 2017 5:33

Tgt Ion	164	Resp	145497
Ion Ratio	100	Lower	Upper
162	102.0	86.1	129.1
160	46.0	38.3	57.5

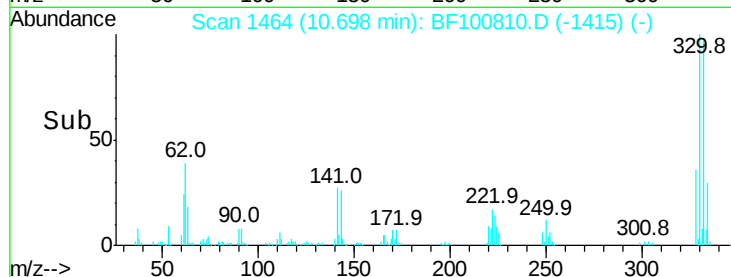
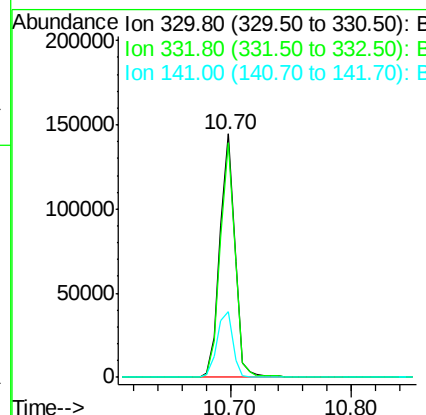
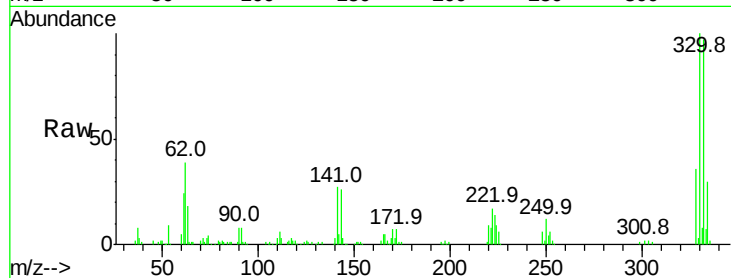




#41
 2,4,6-Tribromophenol
 Concen: 82.944 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100810.D
 Acq: 22 Nov 2017 5:33

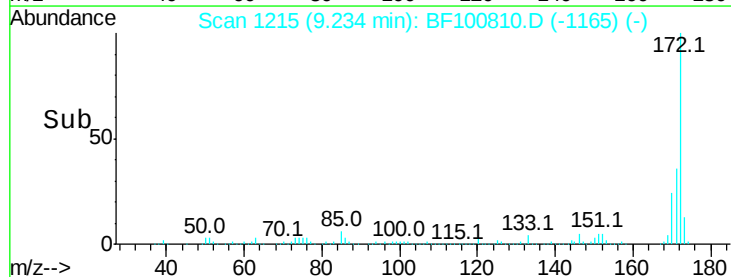
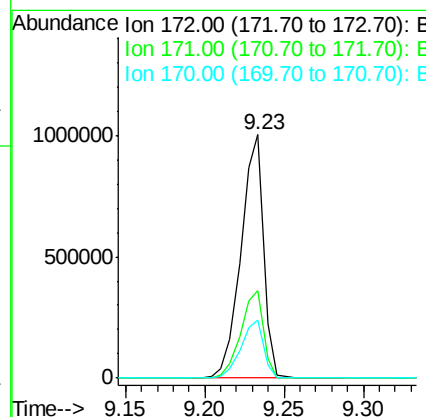
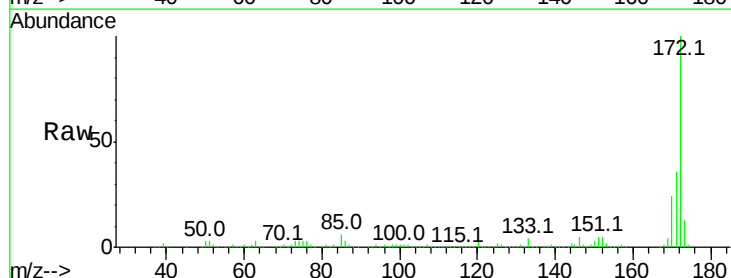
Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.756 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100810.D
 Acq: 22 Nov 2017 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

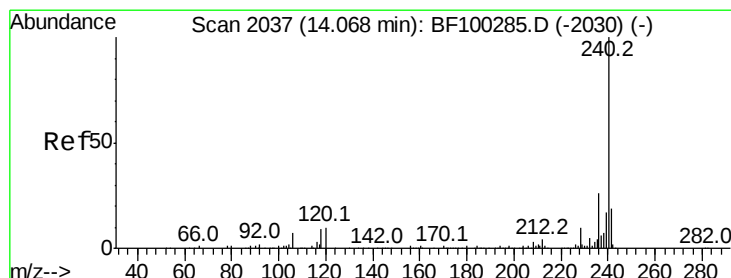
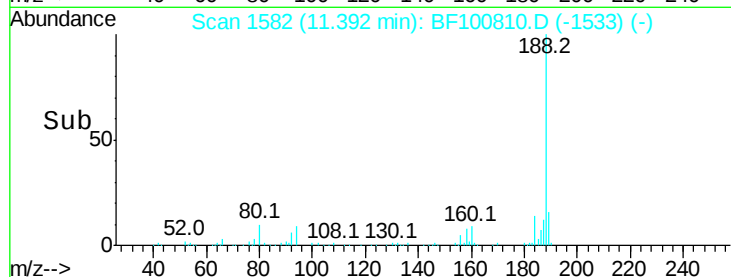
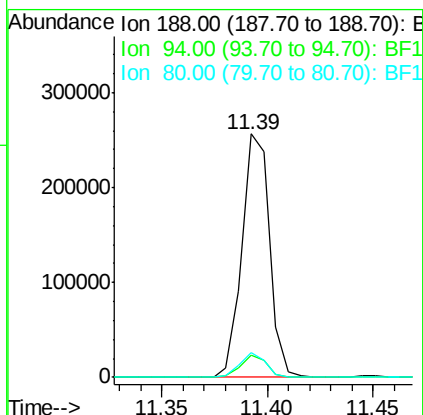
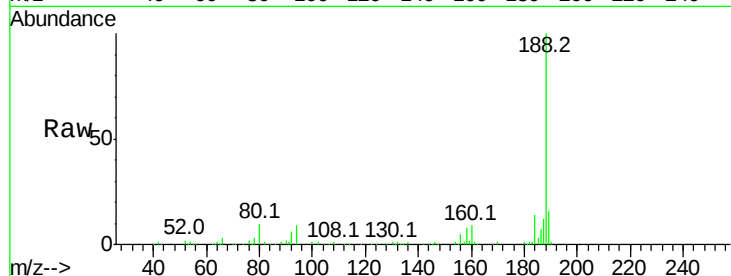




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100810.D
Acq: 22 Nov 2017 5:33

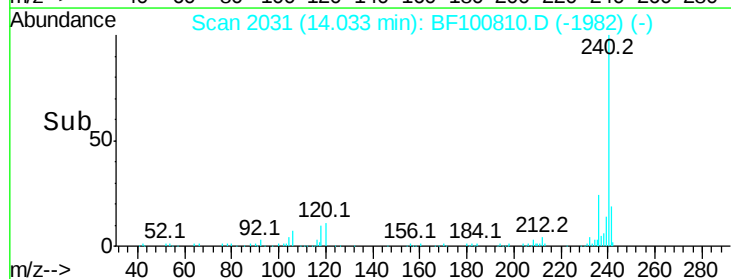
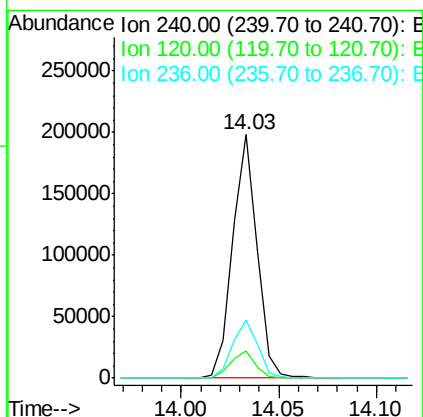
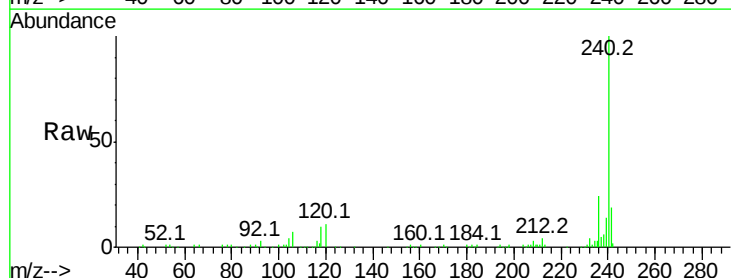
Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-U-B

Tot Ion:188 Resp: 232194
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100810.D
Acq: 22 Nov 2017 5:33

Tgt Ion:240 Resp: 171870
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 23.9 20.7 31.1





#78

Terphenyl-d14

Concen: 84.635 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100810.D

Acq: 22 Nov 2017 5:33

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-U-B

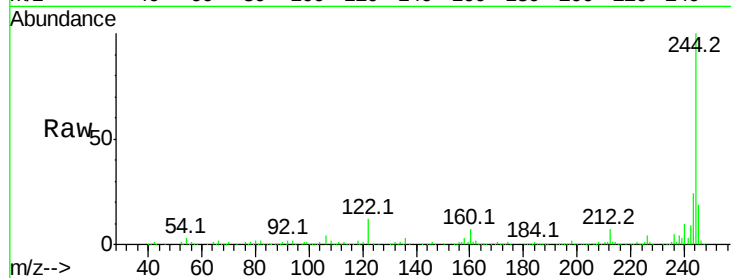
Tot Ion:244 Resp: 633078

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

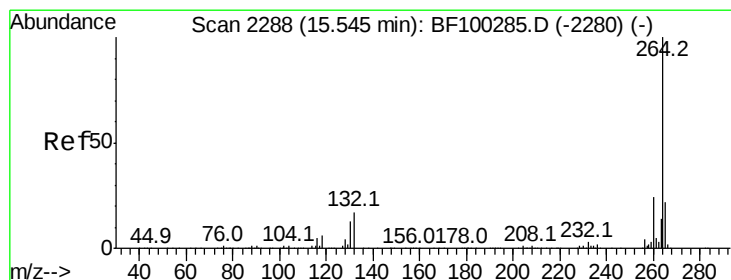
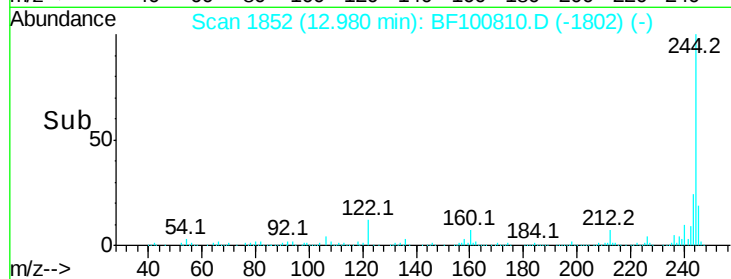
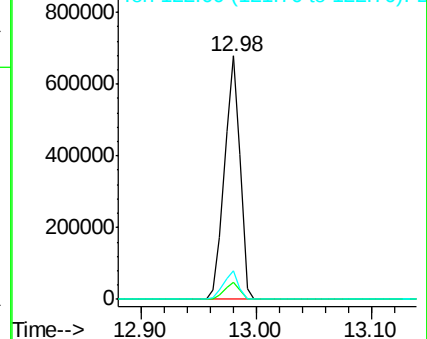
122 11.6 11.0 16.4



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: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100810.D

Acq: 22 Nov 2017 5:33

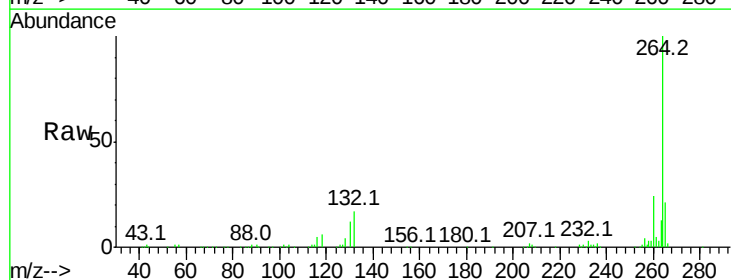
Tgt Ion:264 Resp: 151982

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

