

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100919.D
 Acq On : 28 Nov 2017 4:09
 Operator : SJ/JU
 Sample : I6584-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-S

Quant Time: Nov 28 10:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62968	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237812	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	109114	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	188721	20.00	ng	0.00
75) Chrysene-d12	14.02	240	130776	20.00	ng	0.00
86) Perylene-d12	15.49	264	127640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	150649	38.35	ng	0.00
7) Phenol-d6	6.48	99	110839	22.88	ng	-0.01
23) Nitrobenzene-d5	7.42	82	397246	110.44	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	107246	96.46	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	797422	111.28	ng	0.00
78) Terphenyl-d14	12.97	244	599900	105.40	ng	0.00

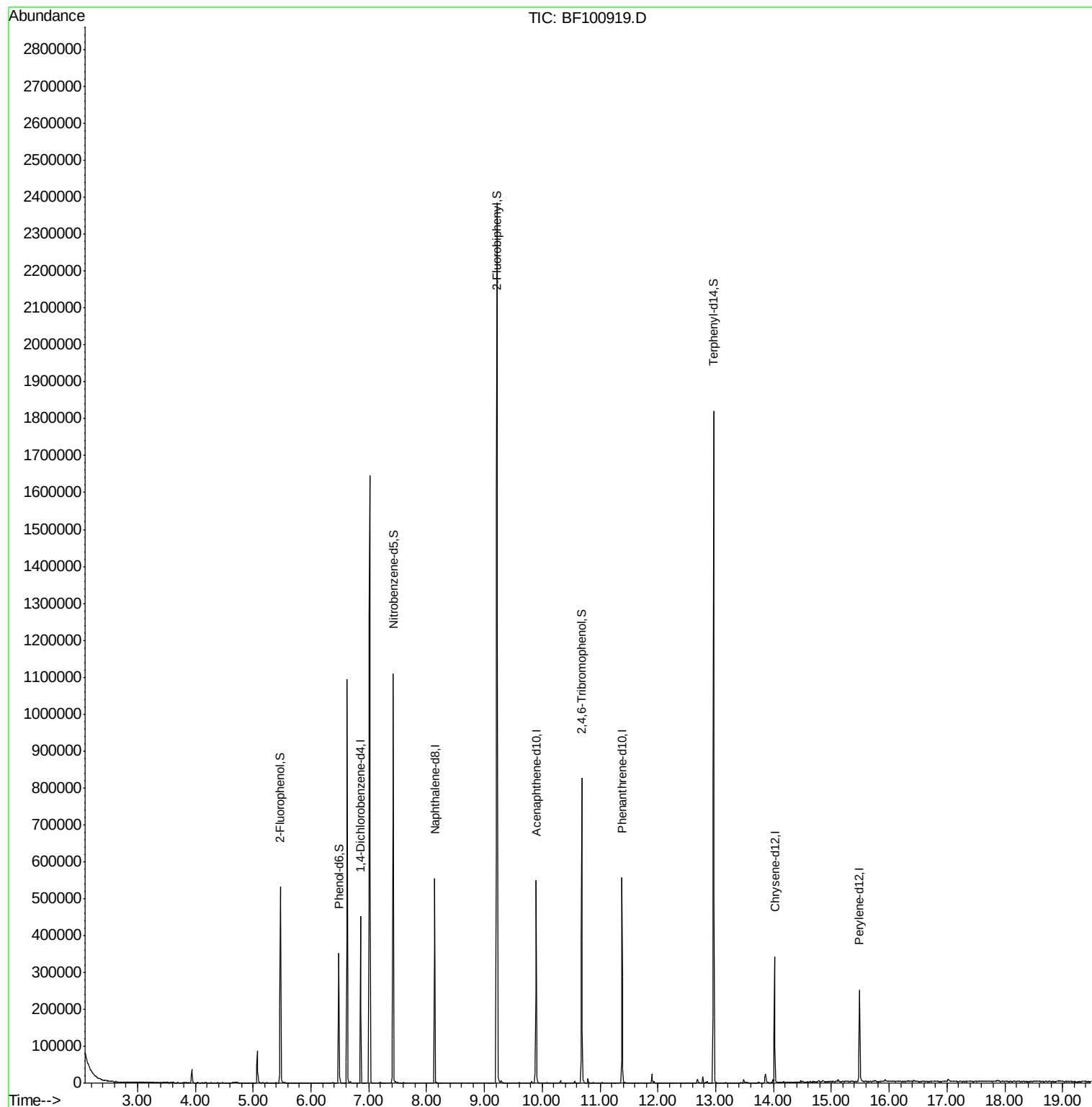
Target Compounds Qvalue

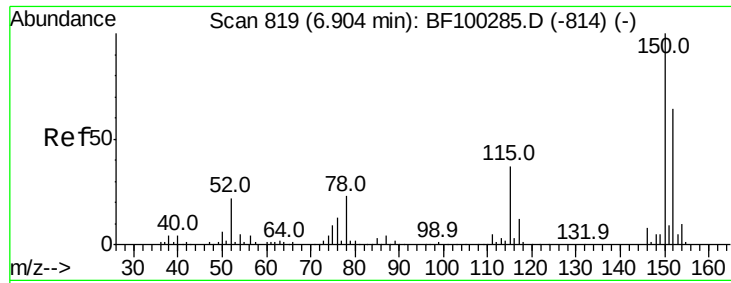
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100919.D
Acq On : 28 Nov 2017 4:09
Operator : SJ/JU
Sample : I6584-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-U-S

Quant Time: Nov 28 10:04:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration



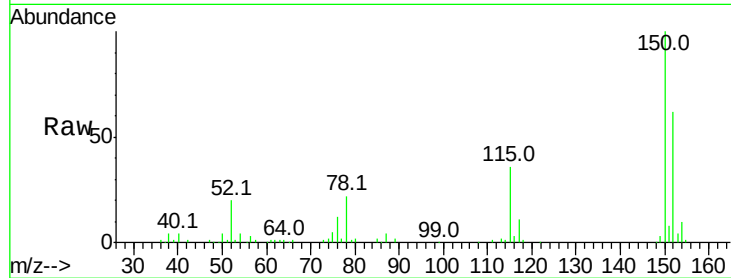


#1

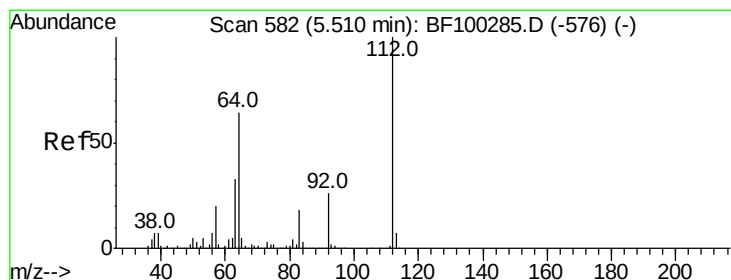
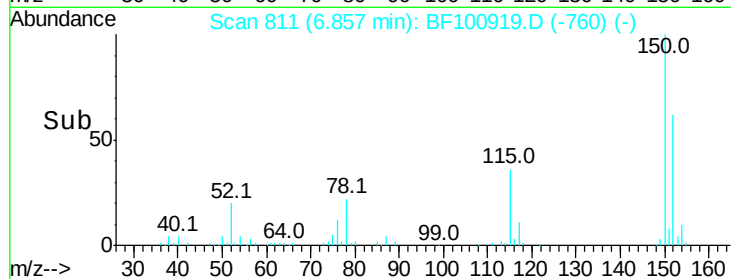
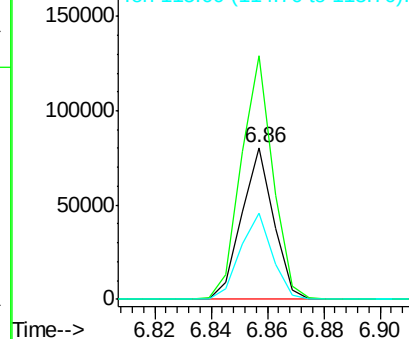
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	57.3	50.1	75.1



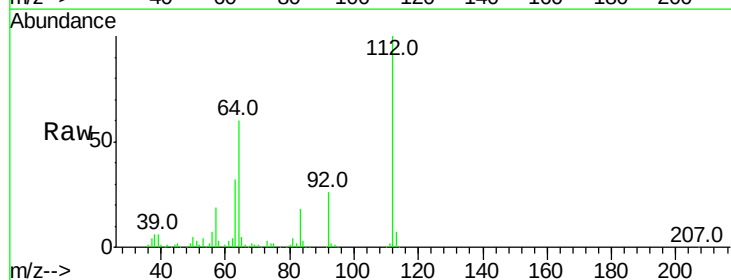
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



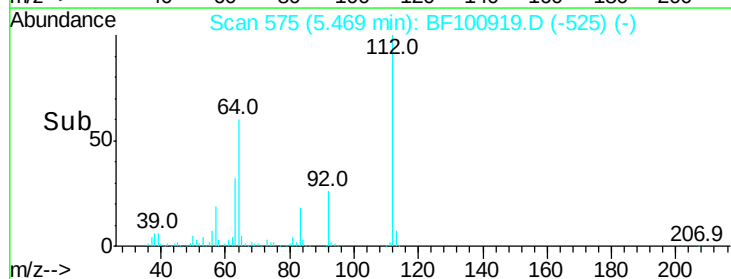
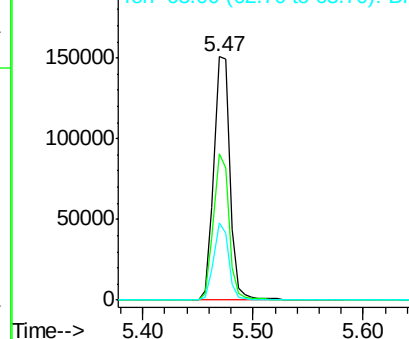
#5

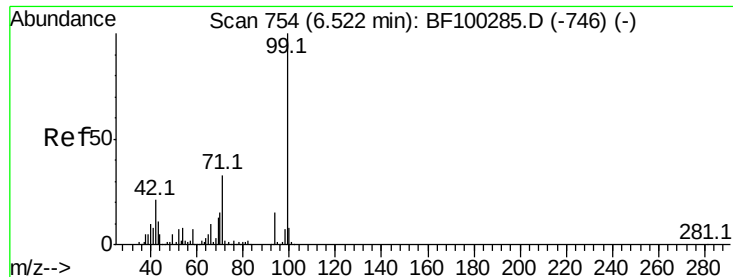
2-Fluorophenol
 Concen: 38.351 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.5	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: 22.882 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Instrument :

BNA_F

ClientSampleId :

112117-TIDO-F-U-S

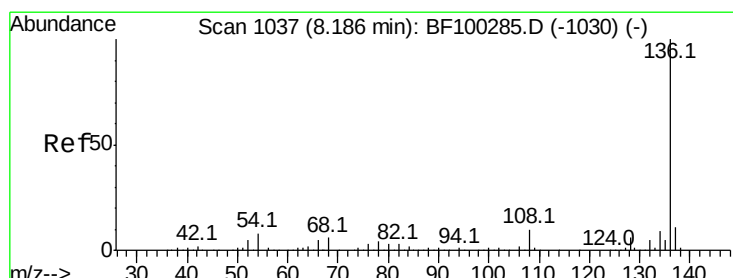
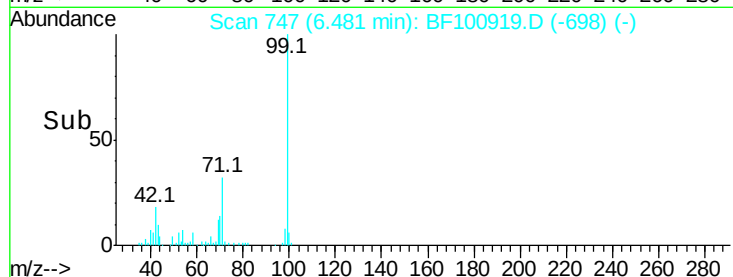
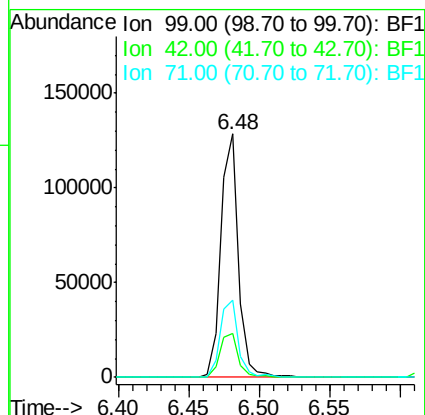
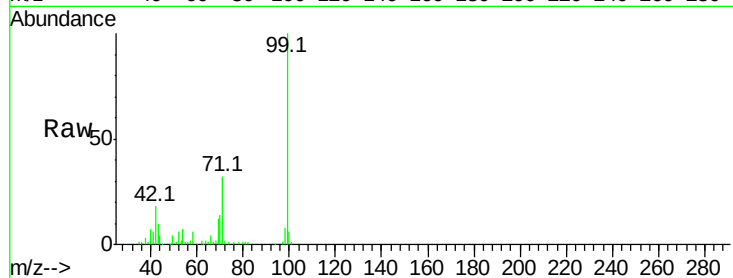
Tot Ion: 99 Resp: 110839

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Tgt Ion: 136 Resp: 237812

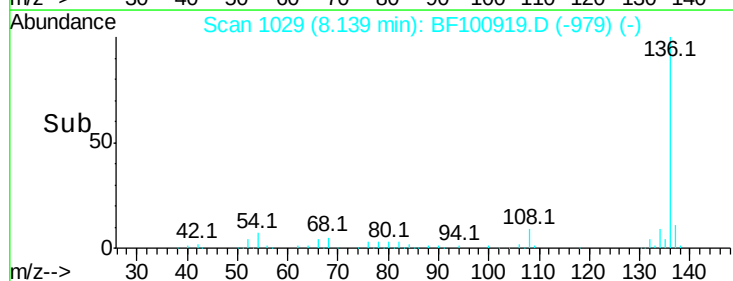
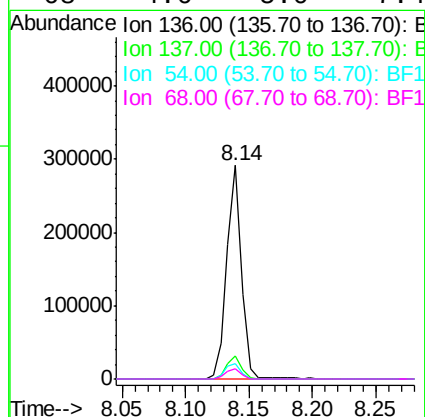
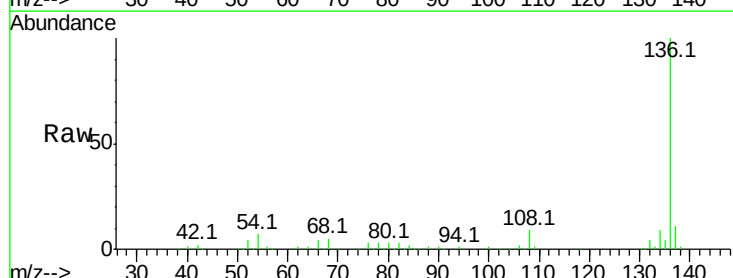
Ion Ratio Lower Upper

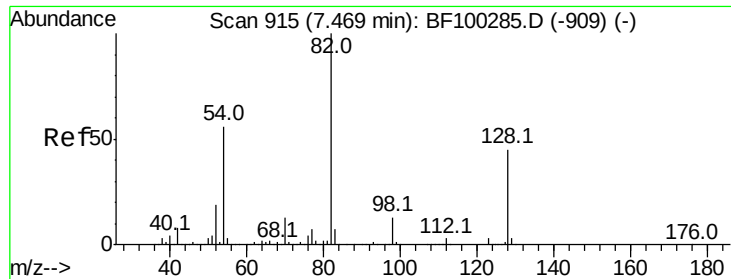
136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 4.6 5.0 7.4#

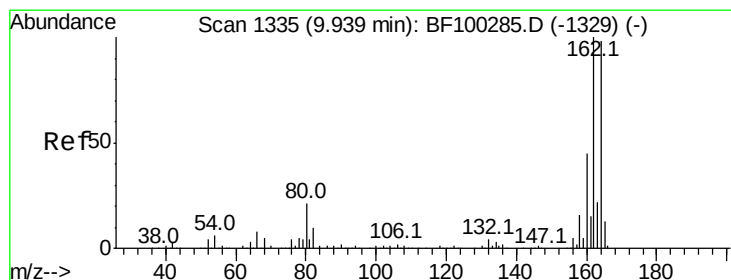
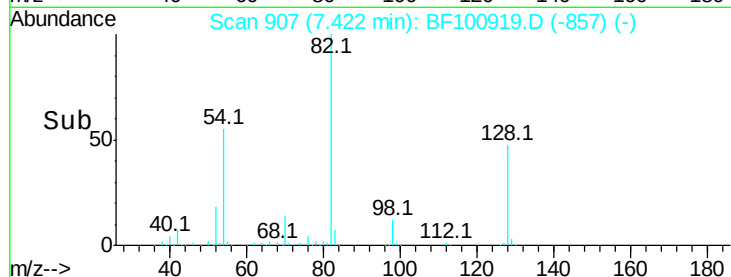
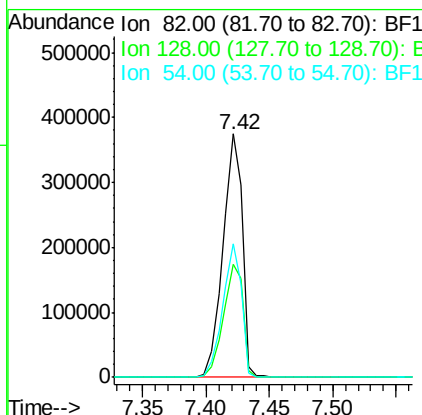
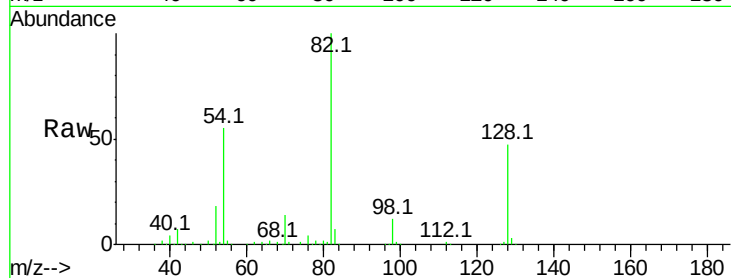




#23
 Nitrobenzene-d5
 Concen: 110.437 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

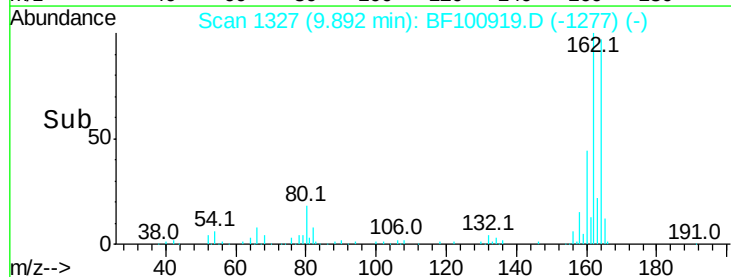
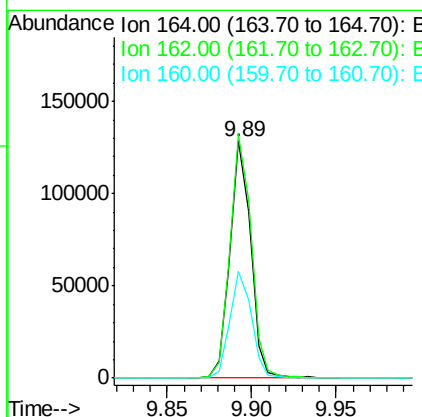
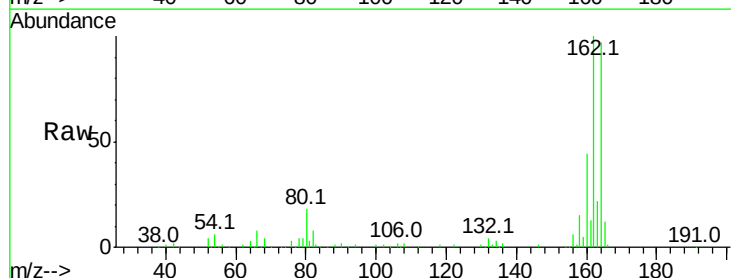
Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-S

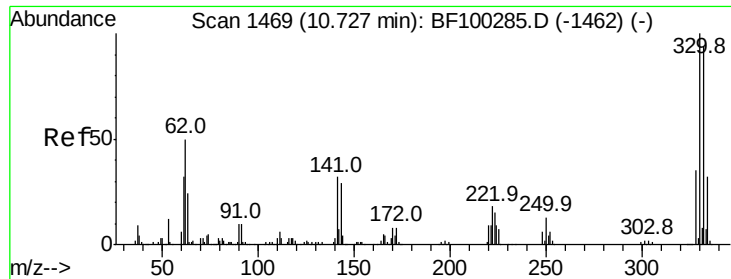
Tot Ion: 82 Resp: 397246
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 55.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion: 164 Resp: 109114
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 45.1 38.3 57.5

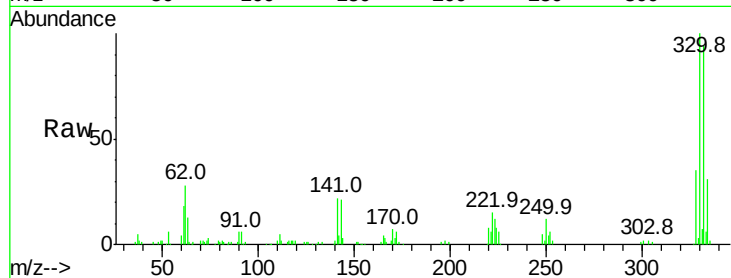




#41
 2,4,6-Tribromophenol
 Concen: 96.455 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 112117-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.9	29.9	44.9#

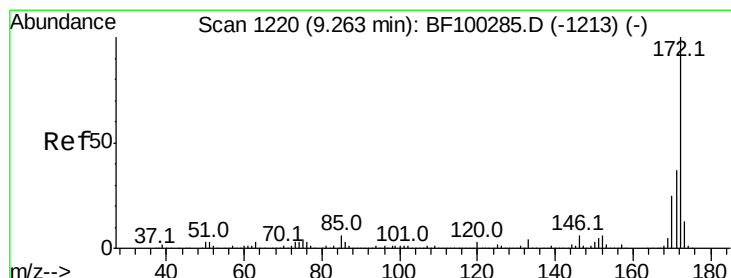
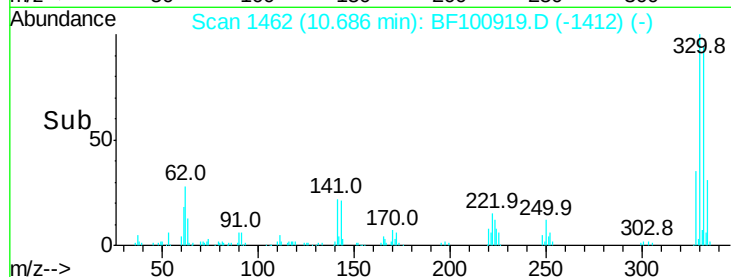
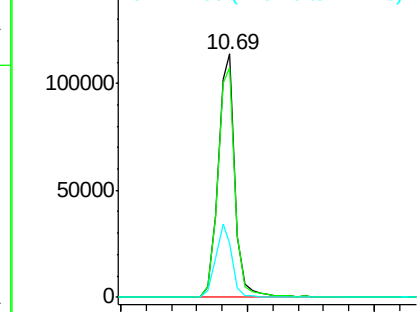


Abundance

Ion 329.80 (329.50 to 330.50): E

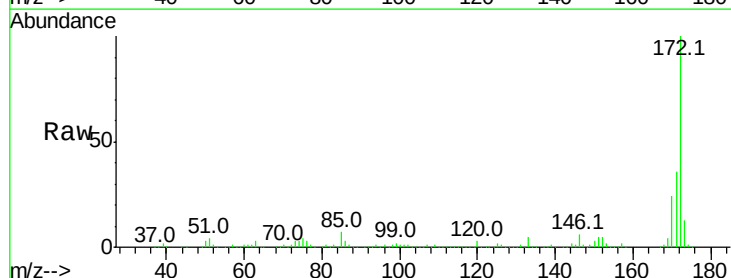
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.282 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100919.D
 Acq: 28 Nov 2017 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

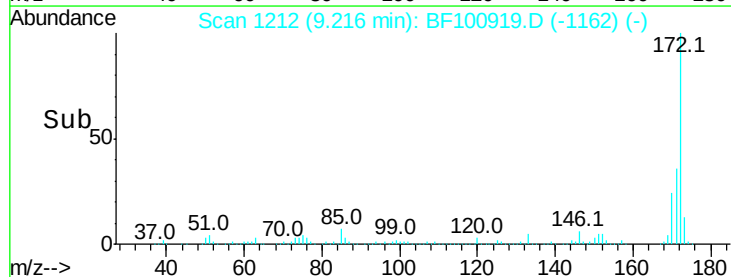
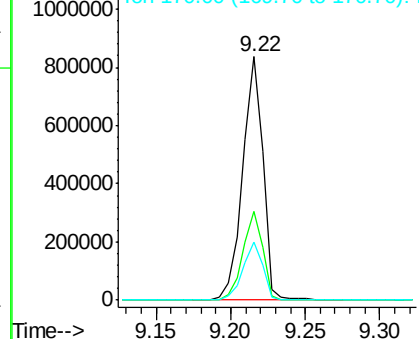


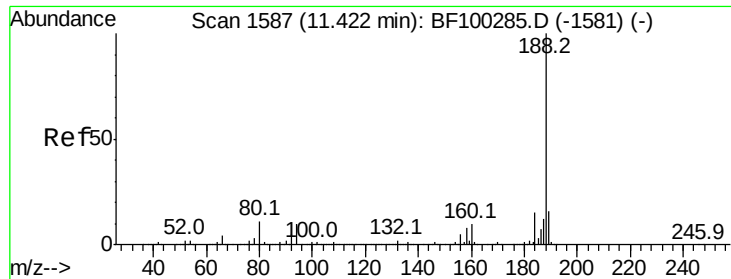
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

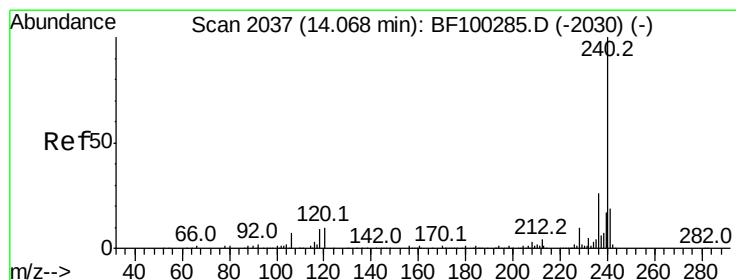
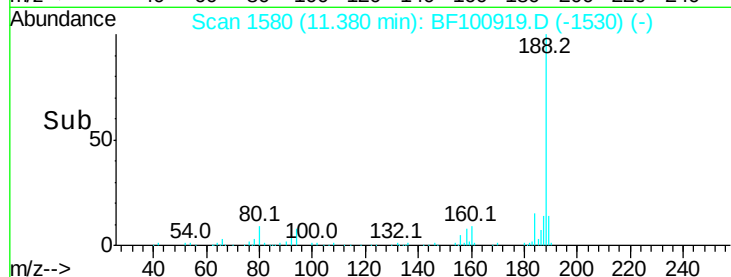
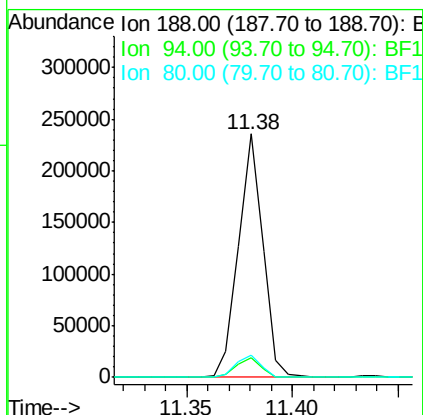
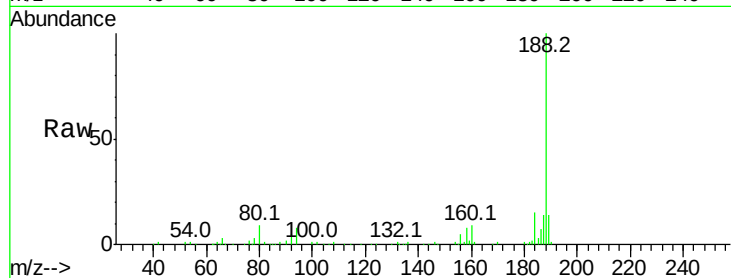




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

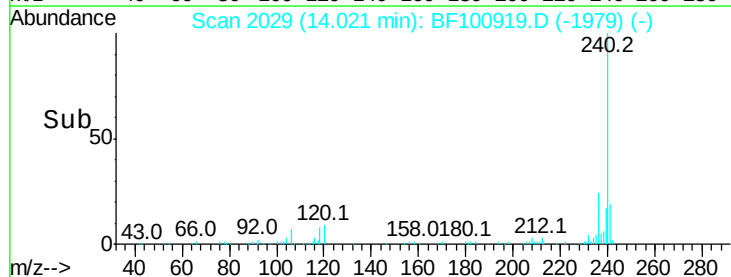
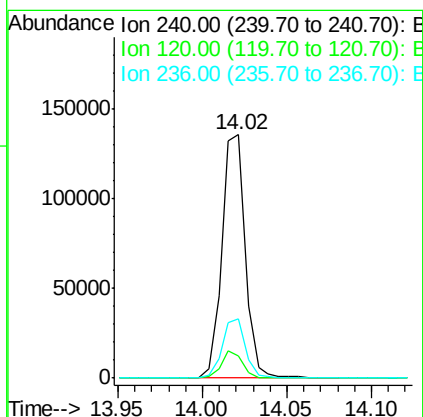
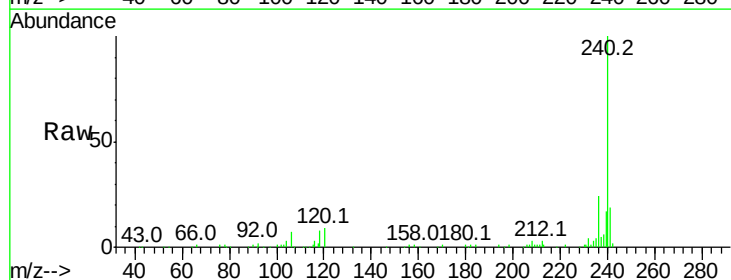
Instrument :
BNA_F
ClientSampleId :
112117-TIDO-F-U-S

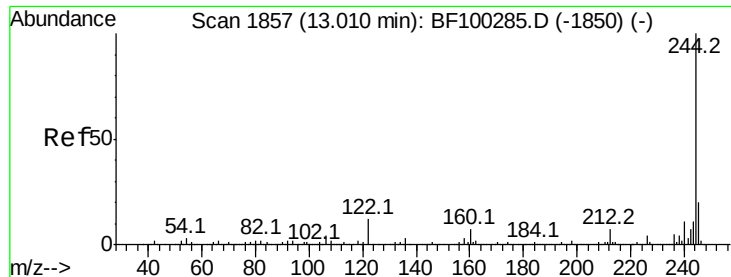
Tot Ion:188 Resp: 188721
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100919.D
Acq: 28 Nov 2017 4:09

Tgt Ion:240 Resp: 130776
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 24.4 20.7 31.1





#78

Terphenyl-d14

Concen: 105.401 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

Instrument :

BNA_F

ClientSampleId :

112117-TIDO-F-U-S

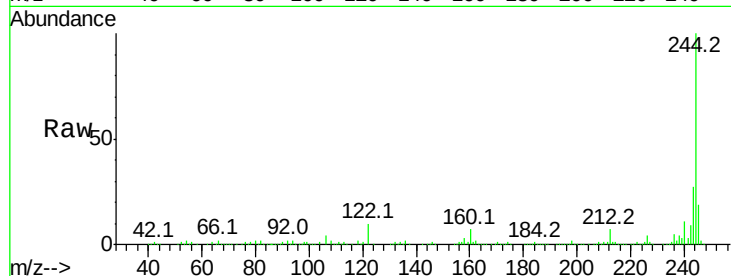
Tot Ion:244 Resp: 599900

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

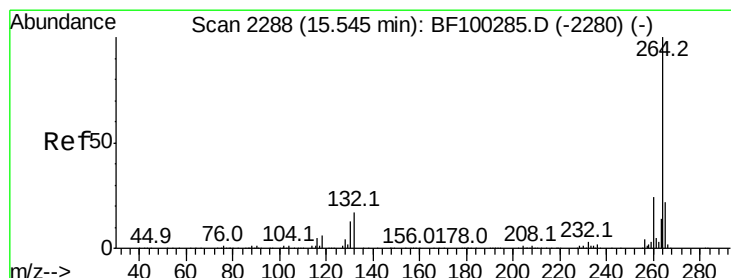
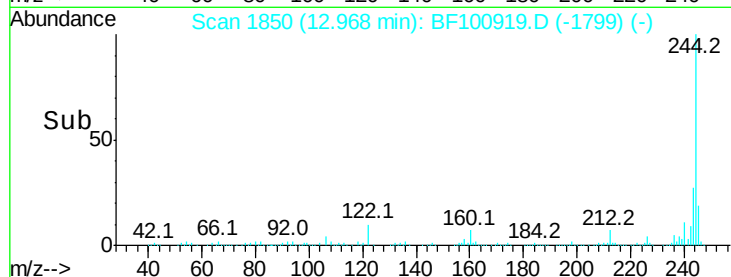
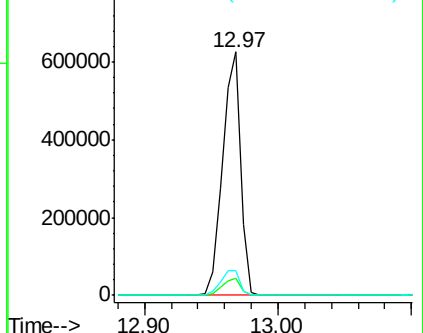
122 10.0 11.0 16.4#



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF100919.D

Acq: 28 Nov 2017 4:09

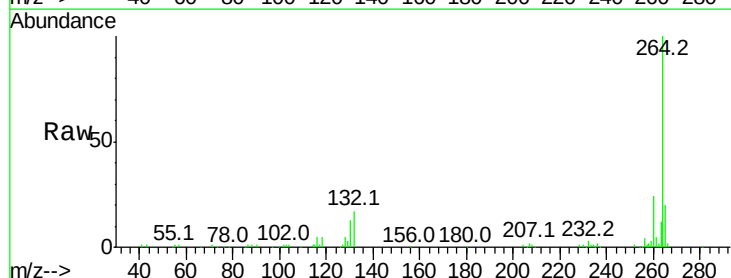
Tgt Ion:264 Resp: 127640

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.2 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

