

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100925.D
 Acq On : 28 Nov 2017 11:21
 Operator : SJ/JU
 Sample : PB104527BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104527BL

Quant Time: Nov 28 15:34:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	58753	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	232680	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	114265	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	242100	20.00	ng	0.00
75) Chrysene-d12	14.02	240	209377	20.00	ng	0.00
86) Perylene-d12	15.49	264	148095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	403246	110.02	ng	0.01
7) Phenol-d6	6.49	99	483380	106.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	304281	86.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	154539	132.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661163	88.11	ng	0.00
78) Terphenyl-d14	12.97	244	746816	81.96	ng	0.00

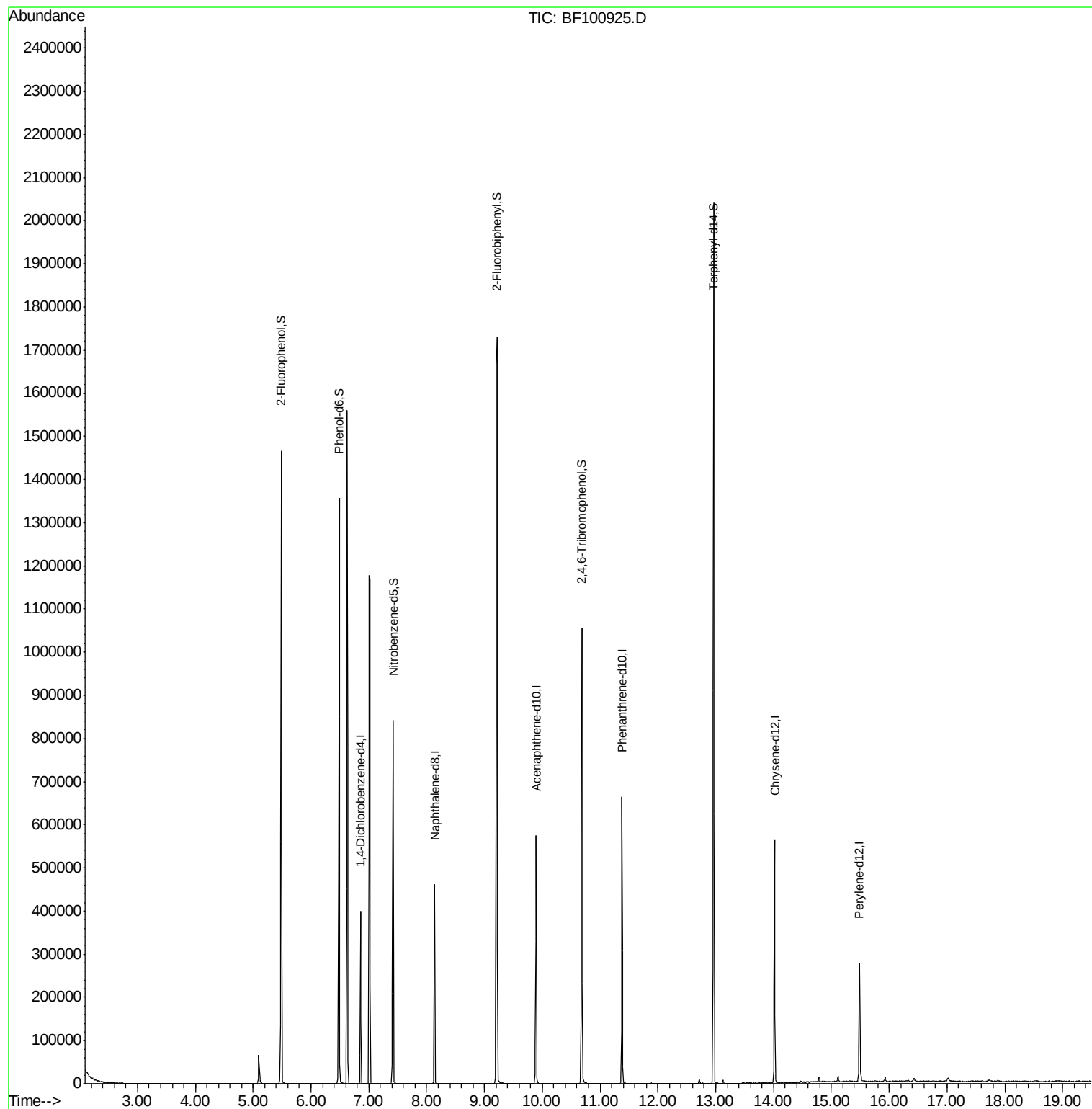
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100925.D
Acq On : 28 Nov 2017 11:21
Operator : SJ/JU
Sample : PB104527BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104527BL

Quant Time: Nov 28 15:34:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



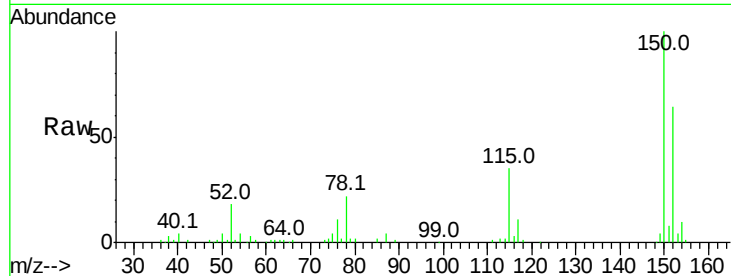


#1

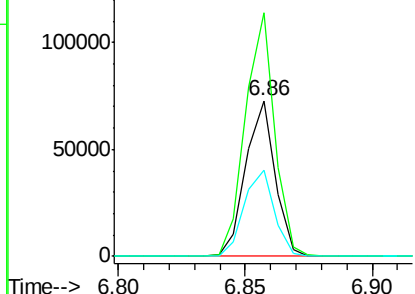
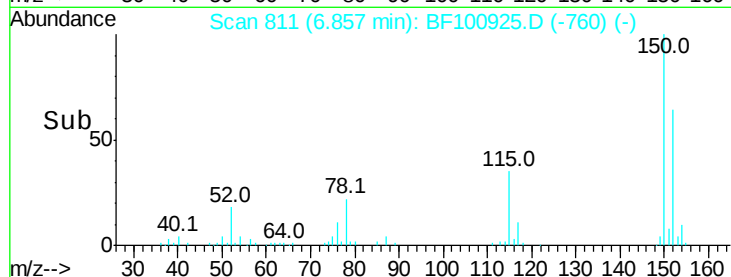
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

Instrument :
BNA_F
ClientSampleId :
PB104527BL

Tot Ion:152 Resp: 58753
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 55.5 50.1 75.1



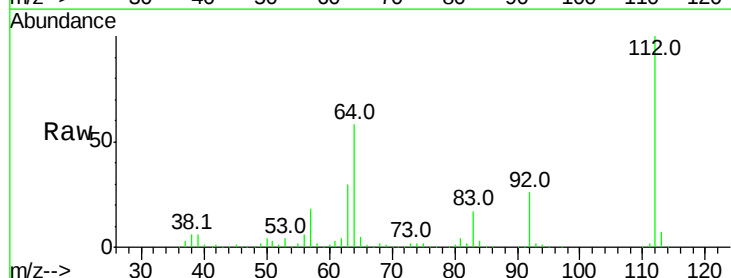
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



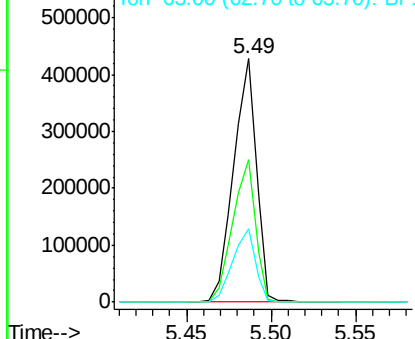
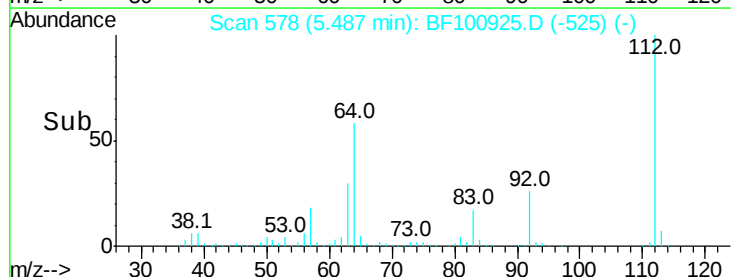
#5

2-Fluorophenol
Concen: 110.020 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

Tgt Ion:112 Resp: 403246
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.2 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: 106.950 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Instrument :

BNA_F

ClientSampleId :

PB104527BL

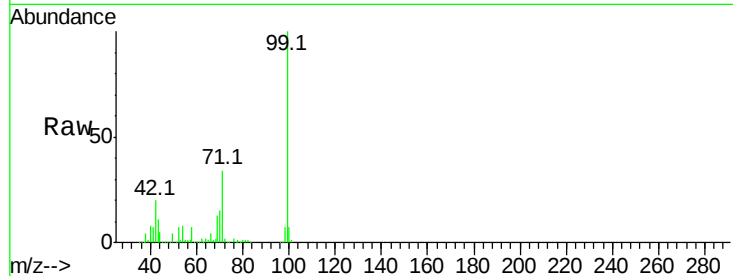
Tot Ion: 99 Resp: 483380

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

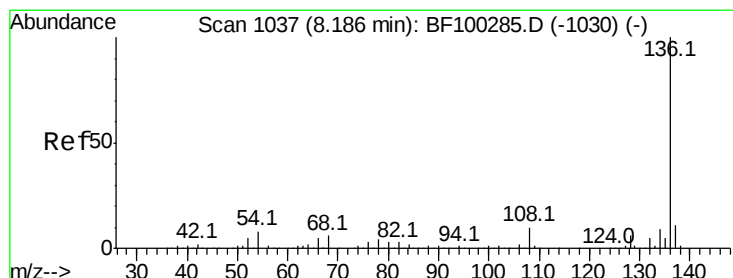
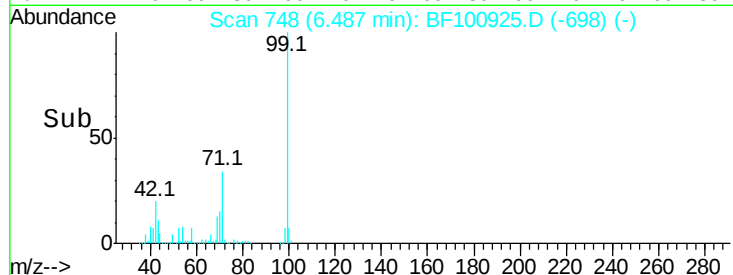
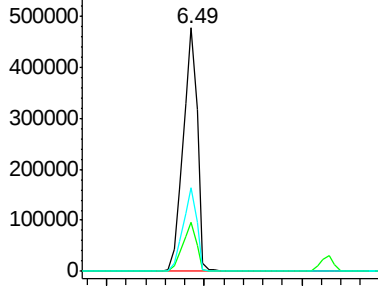
71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Tgt Ion: 136 Resp: 232680

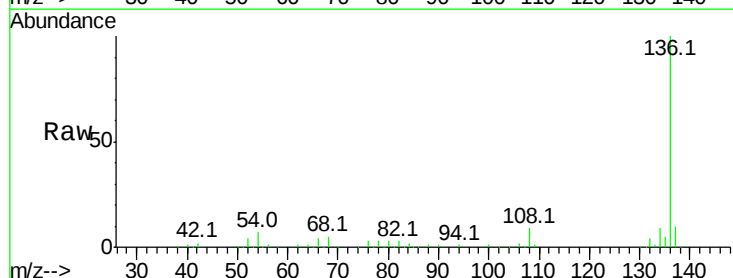
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 7.1 6.6 9.8

68 5.0 5.0 7.4

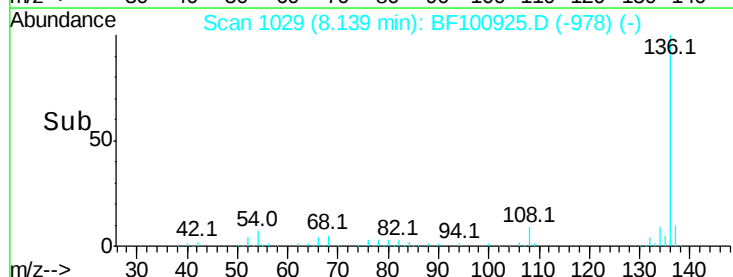
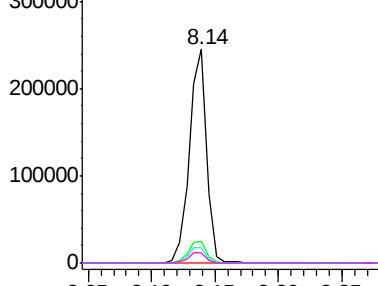


Abundance Ion 136.00 (135.70 to 136.70): E

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

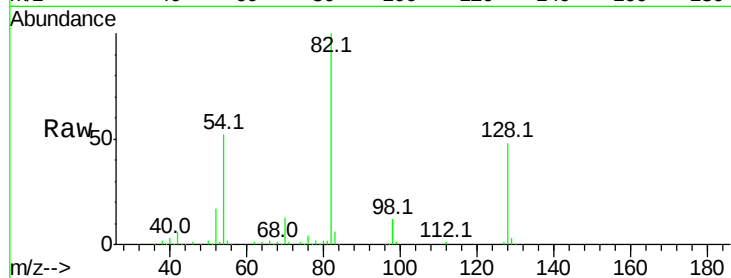




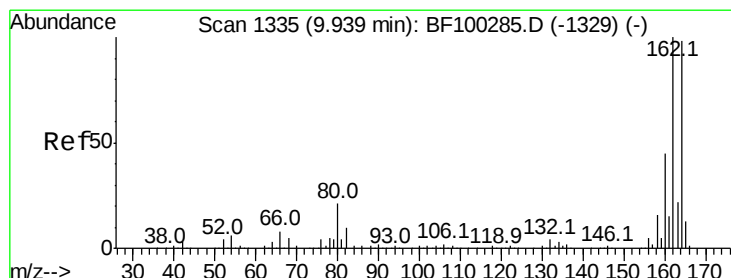
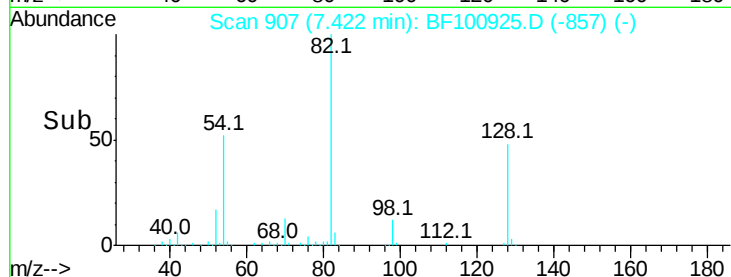
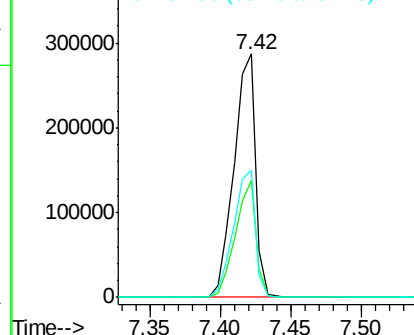
#23
 Nitrobenzene-d5
 Concen: 86.458 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB104527BL

Tot Ion	82	Resp	304281
Ion Ratio	100	Lower	Upper
128	48.2	36.1	54.1
54	52.3	41.4	62.2

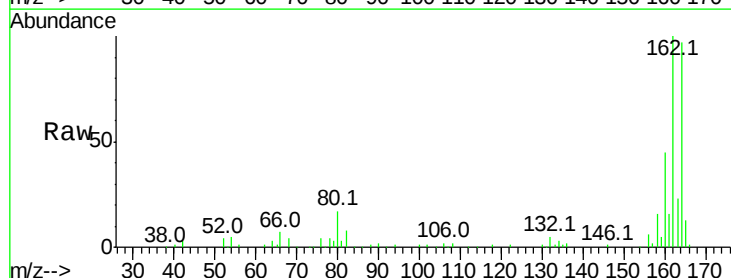


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

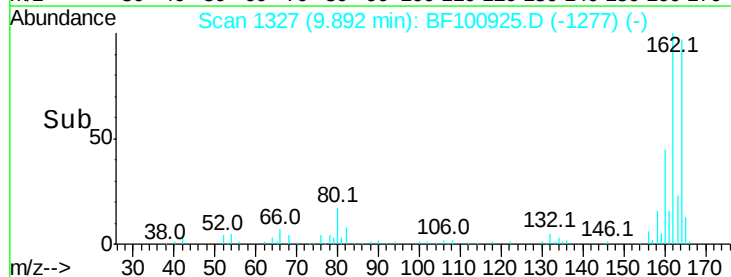
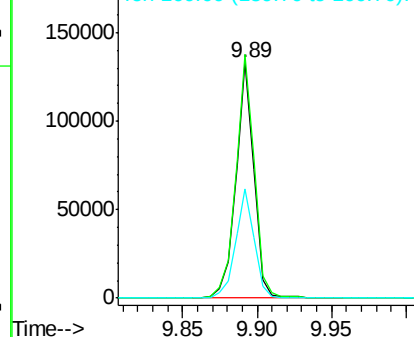


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion	164	Resp	114265
Ion Ratio	100	Lower	Upper
162	103.4	86.1	129.1
160	46.6	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

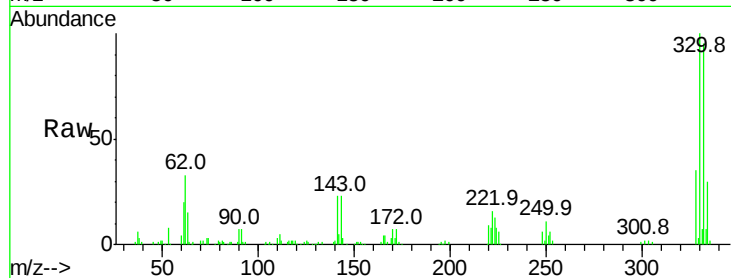




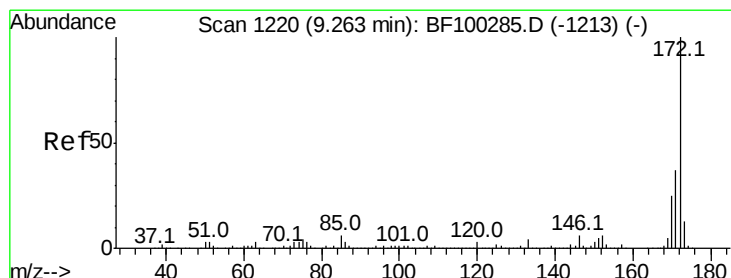
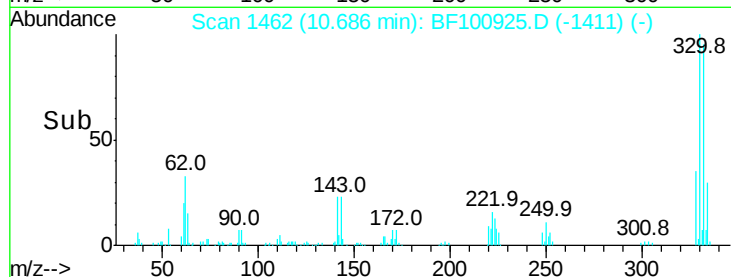
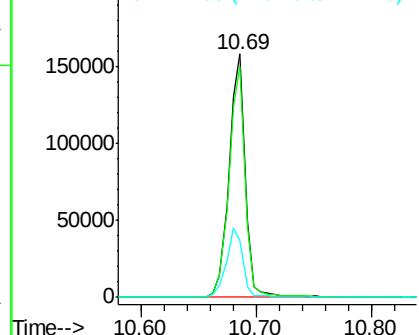
#41
 2,4,6-Tribromophenol
 Concen: 132.724 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB104527BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	28.8	29.9	44.9#

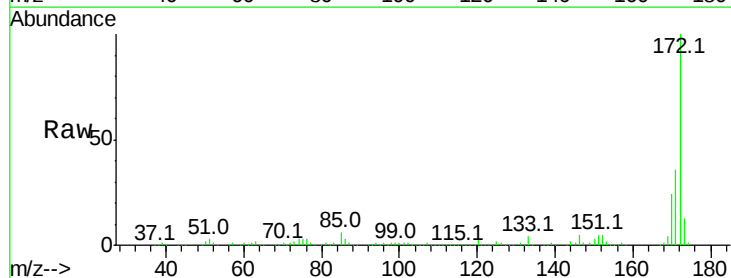


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

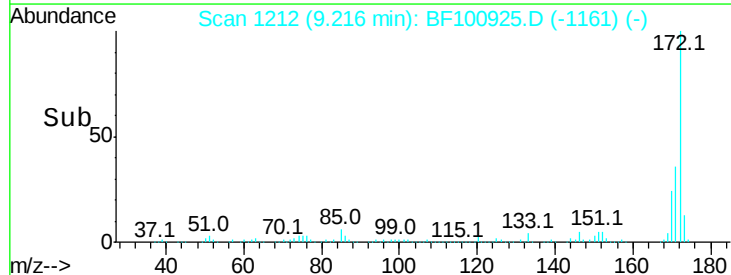
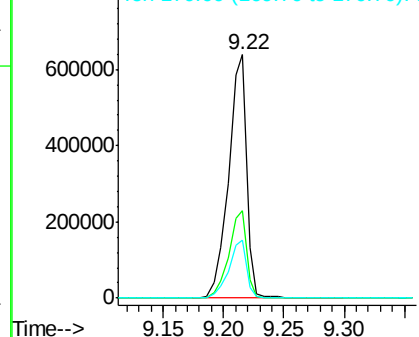


#44
 2-Fluorobiphenyl
 Concen: 88.108 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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

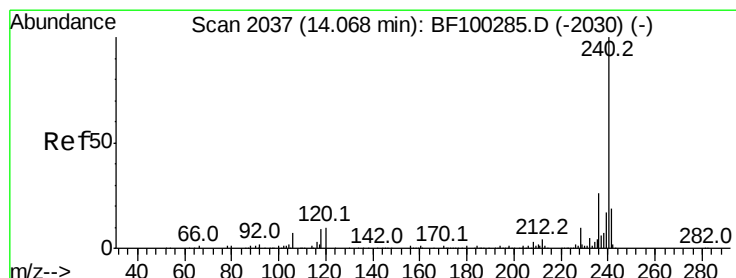
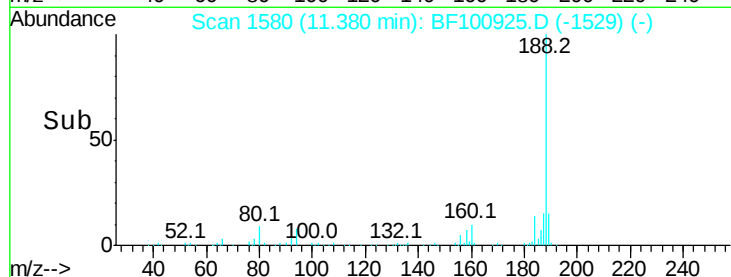
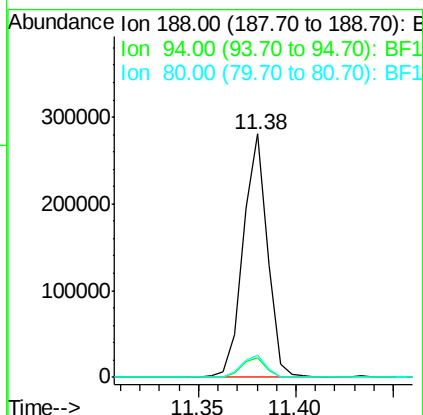
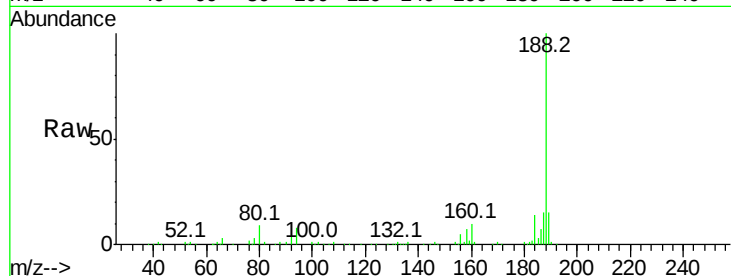




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

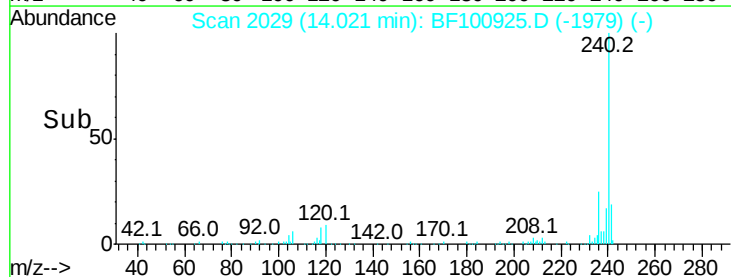
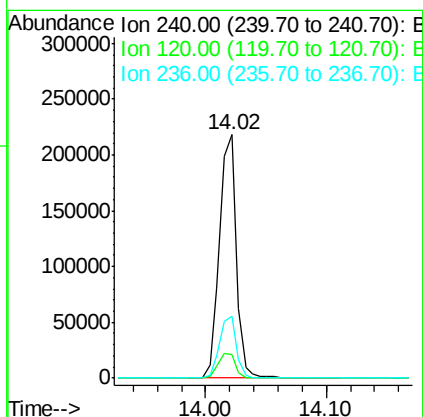
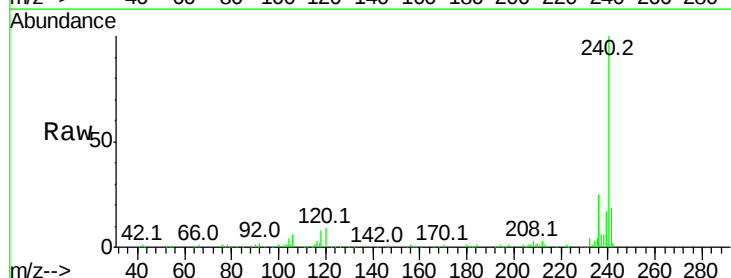
Instrument :
BNA_F
ClientSampleId :
PB104527BL

Tot Ion:188 Resp: 242100
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 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: BF100925.D
Acq: 28 Nov 2017 11:21

Tgt Ion:240 Resp: 209377
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.4 20.7 31.1

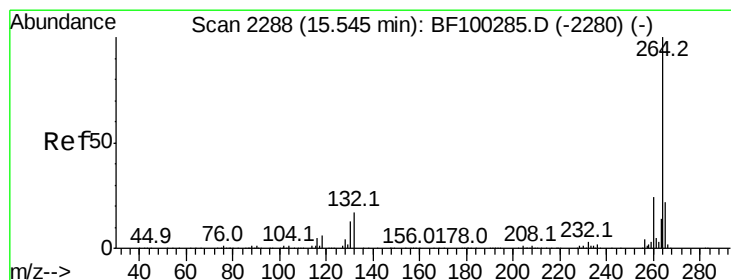
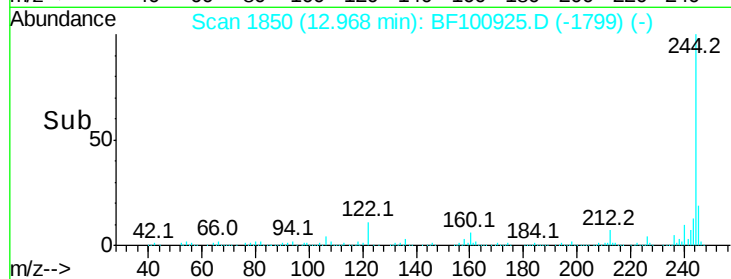
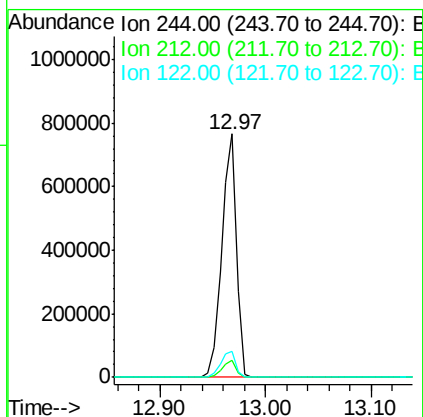
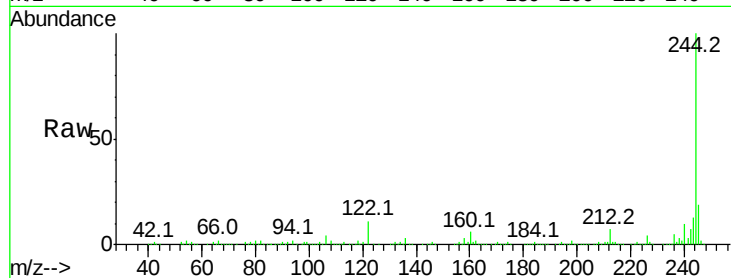




#78
 Terphenyl-d14
 Concen: 81.956 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB104527BL

Tot Ion:244 Resp: 746816
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion:264 Resp: 148095
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.8 17.5 26.3

