

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100928.D
 Acq On : 28 Nov 2017 12:41
 Operator : SJ/JU
 Sample : I6538-03 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 15:25:10 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

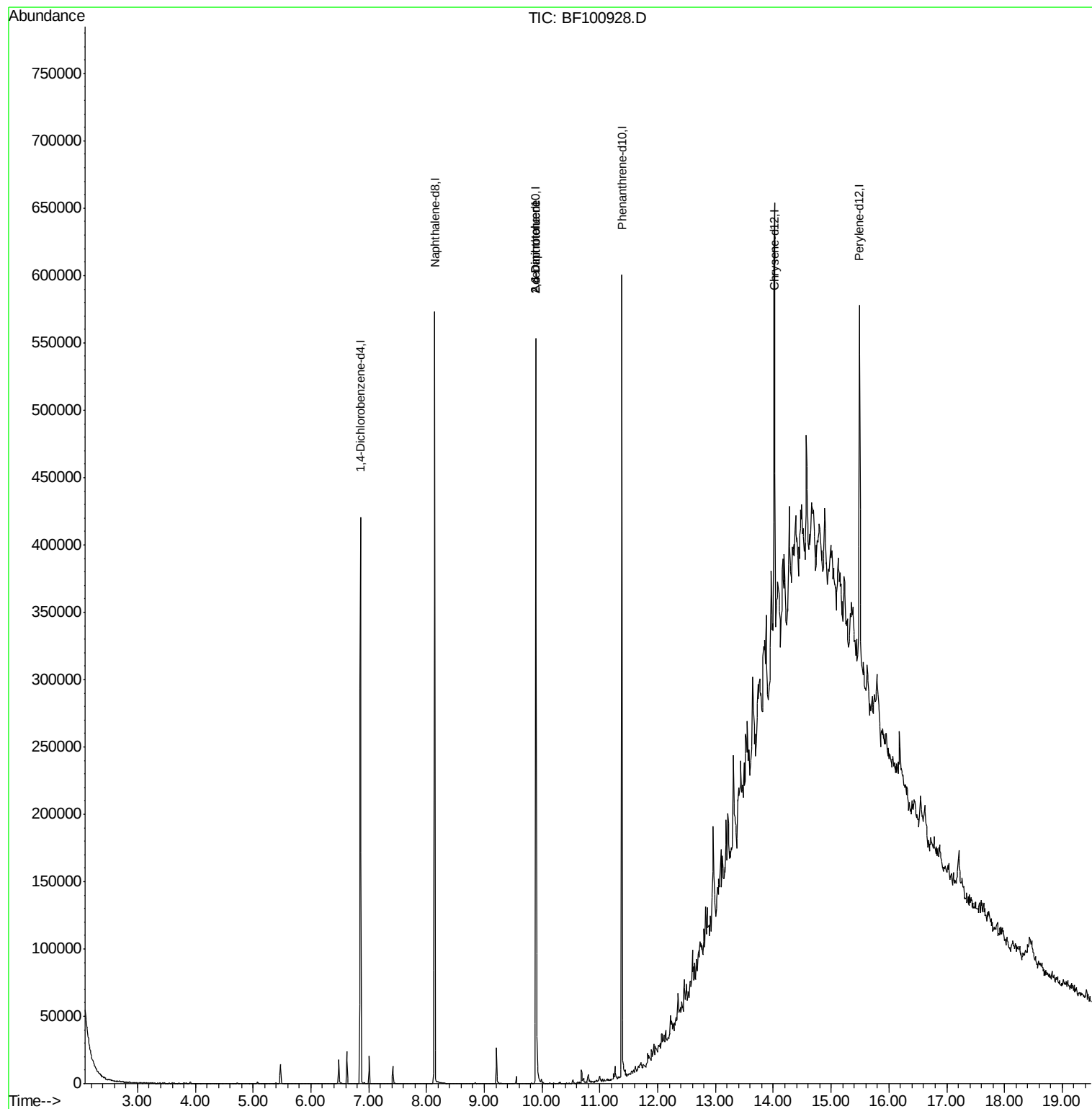
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61008	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	242353	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	113307	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	215223	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123146	20.00	ng	0.00
86) Perylene-d12	15.49	264	128078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	6160	1.62	ng	0.00
7) Phenol-d6	6.48	99	7227	1.54	ng	-0.01
23) Nitrobenzene-d5	7.42	82	4501	1.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	2020	1.75	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	11746	1.58	ng	0.00
78) Terphenyl-d14	12.96	244	10694	2.00	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.89	165	14050	8.205	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14050	6.504	ng	# 21

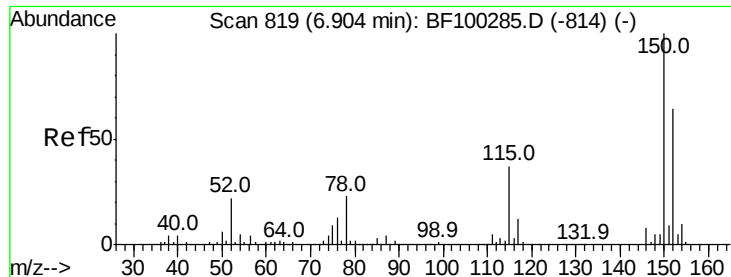
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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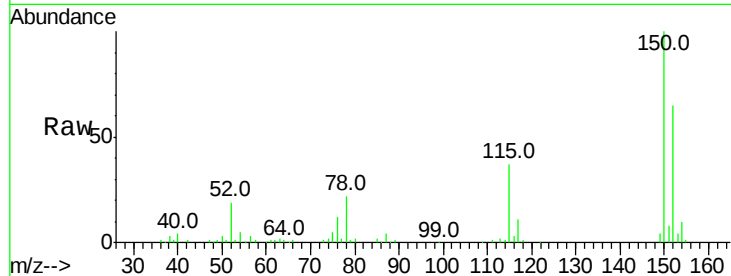


#1

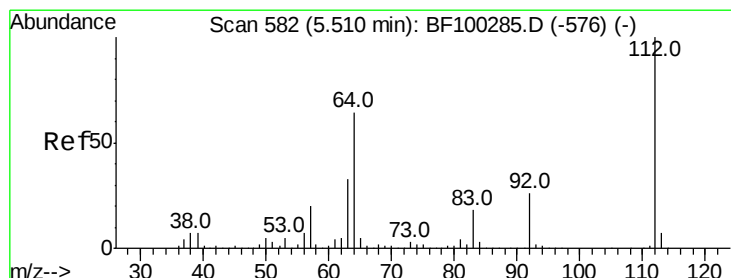
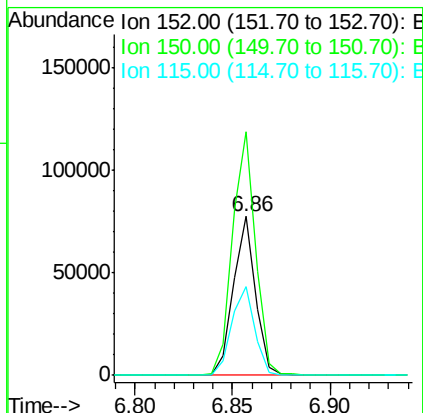
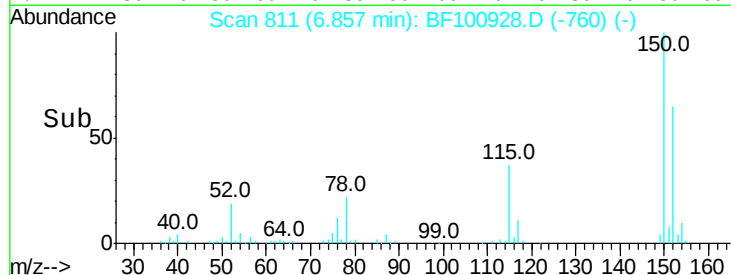
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100928.D
Acq: 28 Nov 2017 12:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61008
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 55.9 50.1 75.1



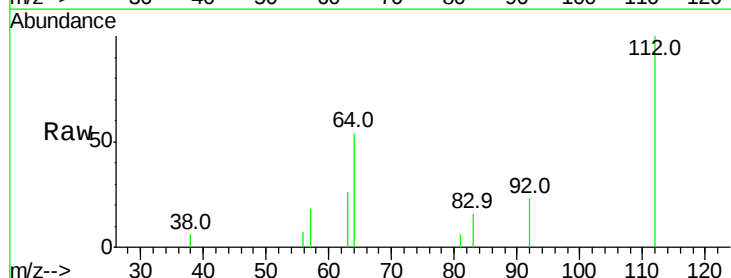
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



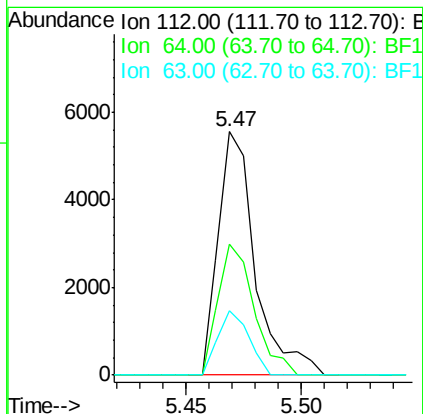
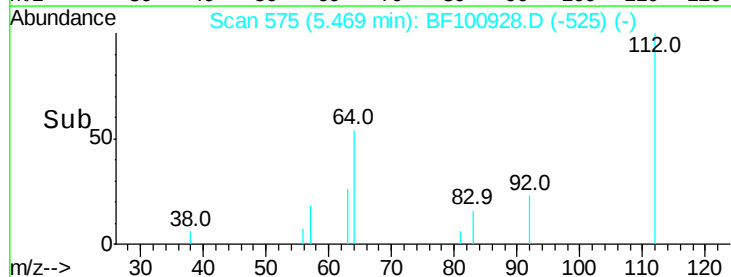
#5

2-Fluorophenol
Concen: 1.619 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100928.D
Acq: 28 Nov 2017 12:41

Tgt Ion:112 Resp: 6160
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 26.4 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: 1.540 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100928.D

Acq: 28 Nov 2017 12:41

Instrument :

BNA_F

ClientSampleId :

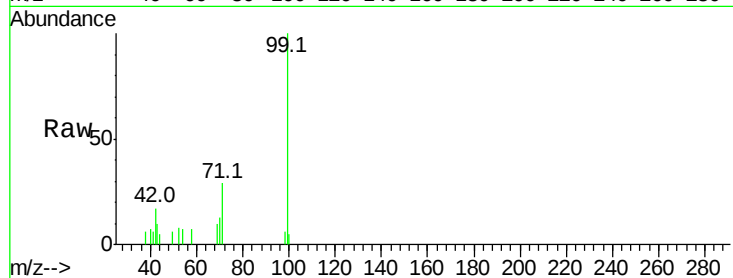
Tot Ion: 99 Resp: 7227

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

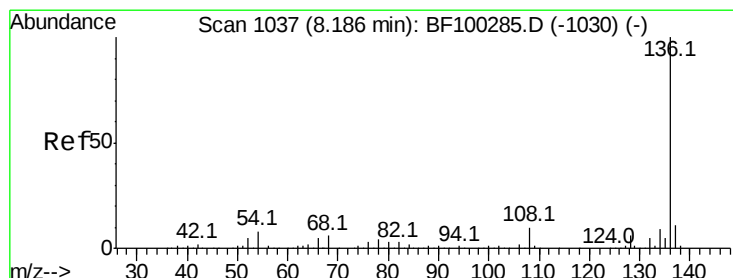
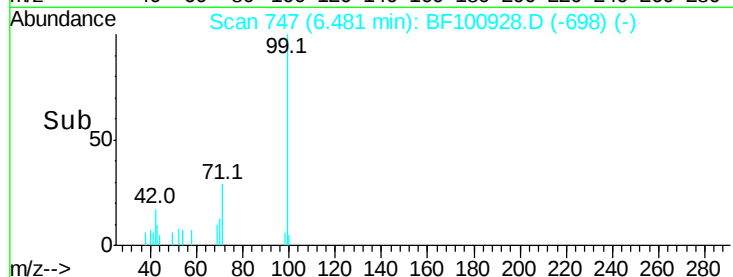
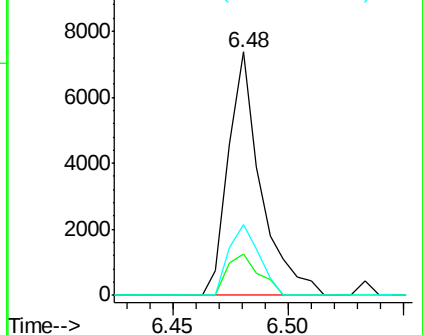
71 29.0 25.4 38.0



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: BF100928.D

Acq: 28 Nov 2017 12:41

Tgt Ion: 136 Resp: 242353

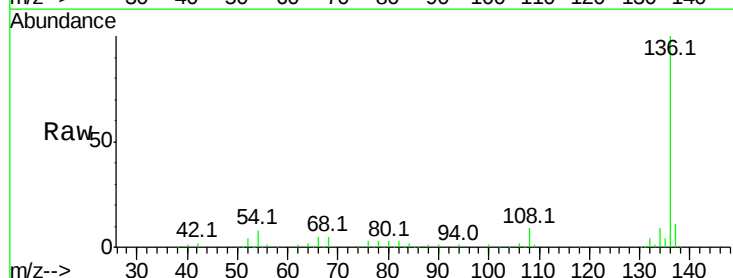
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

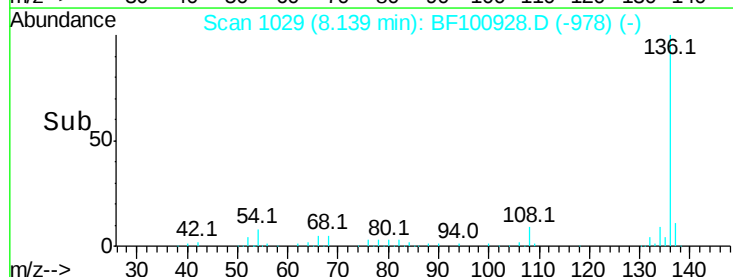
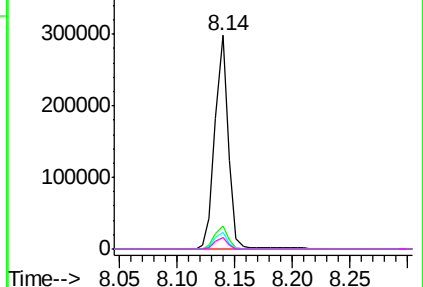


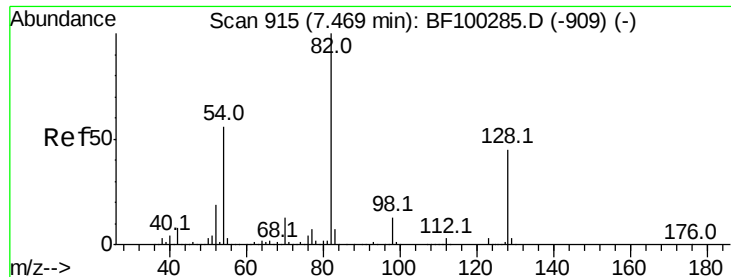
Abundance Ion 136.00 (135.70 to 136.70): E

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

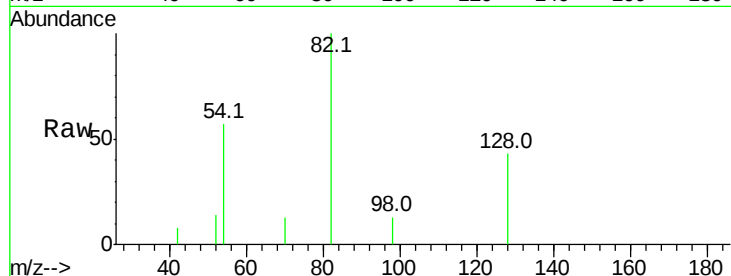




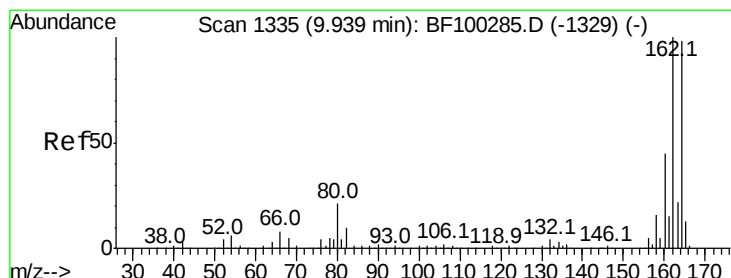
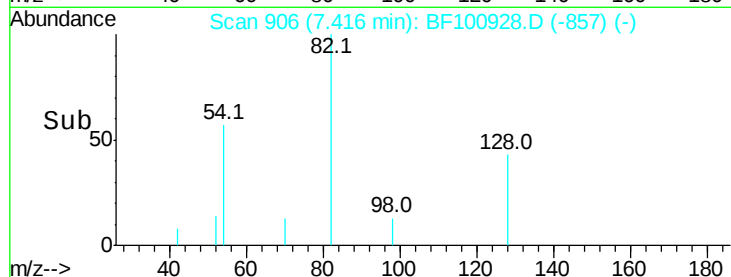
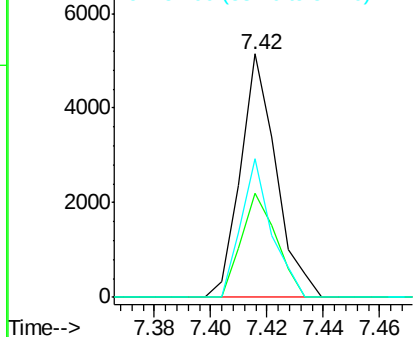
#23
 Nitrobenzene-d5
 Concen: 1.228 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 4501
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 57.2 41.4 62.2

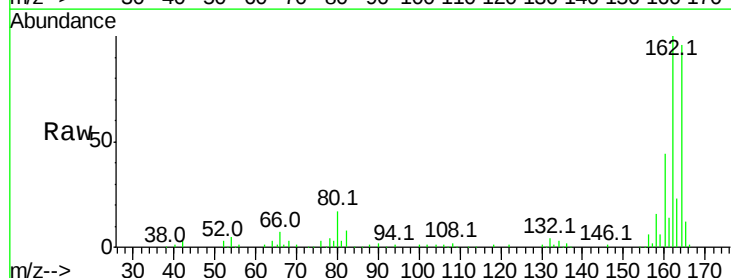


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

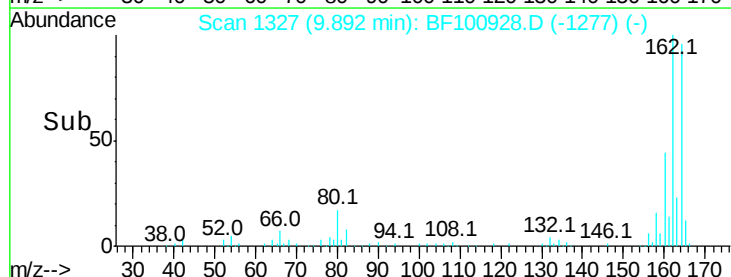
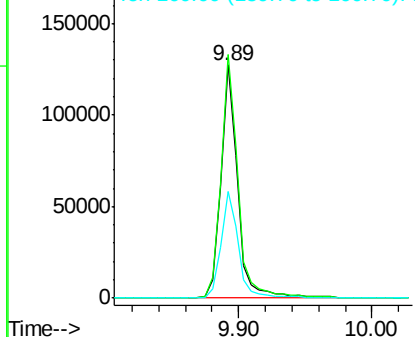


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

Tgt Ion:164 Resp: 113307
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

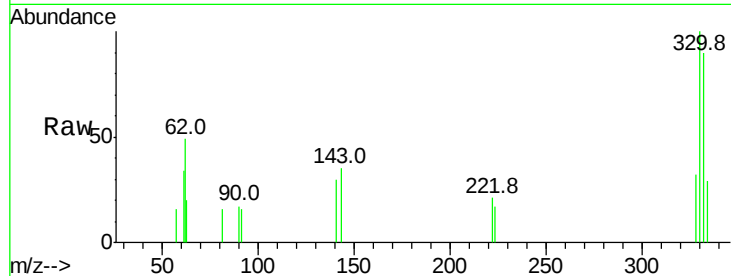




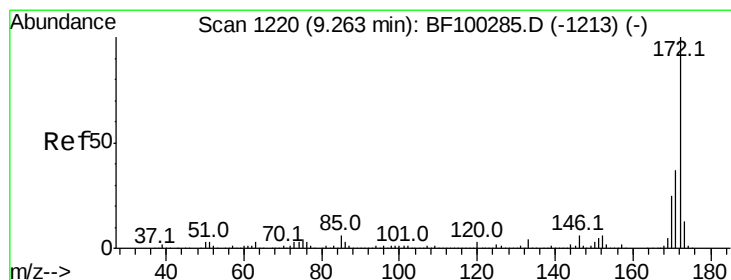
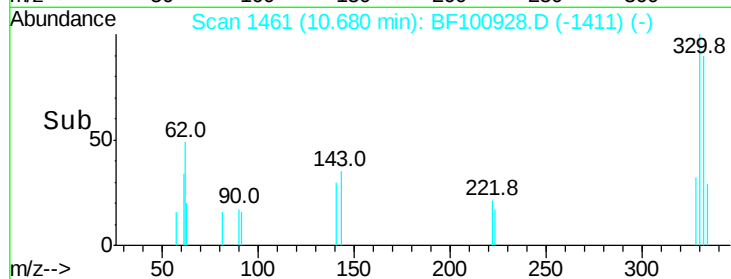
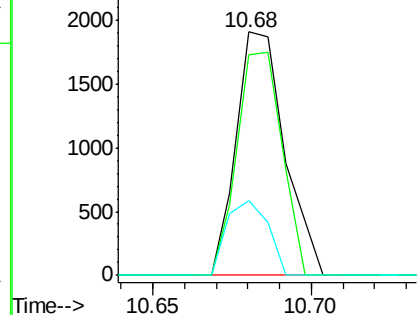
#41
 2,4,6-Tribromophenol
 Concen: 1.750 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	84.9	77.0	115.6
141	25.9	29.9	44.9#

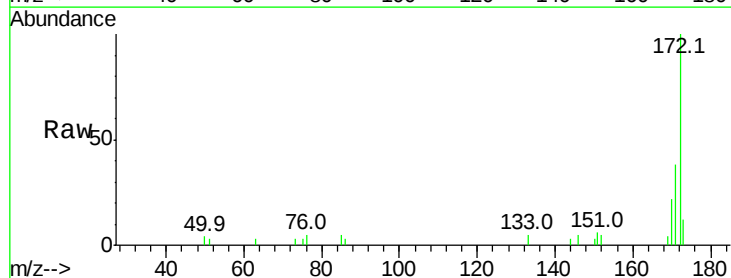


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

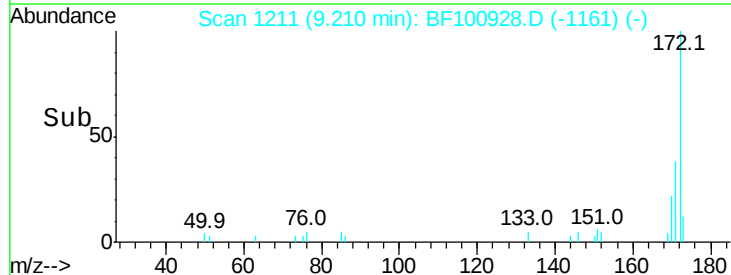
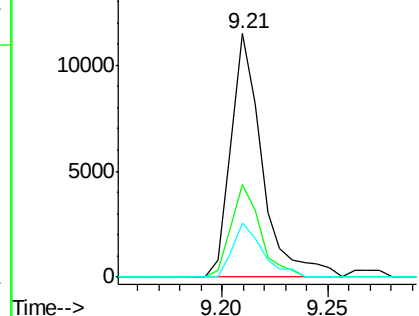


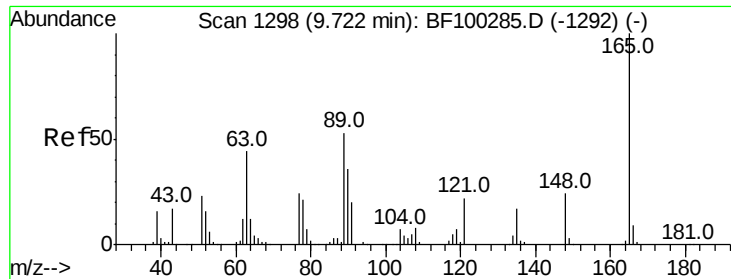
#44
 2-Fluorobiphenyl
 Concen: 1.579 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	22.3	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

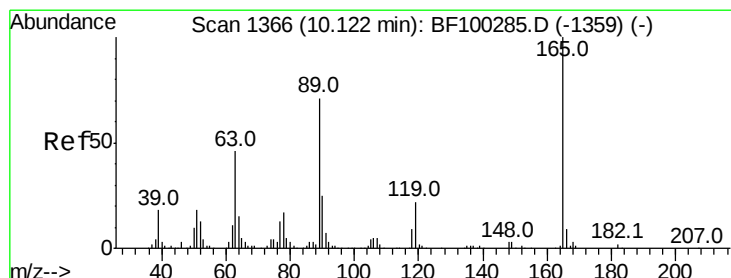
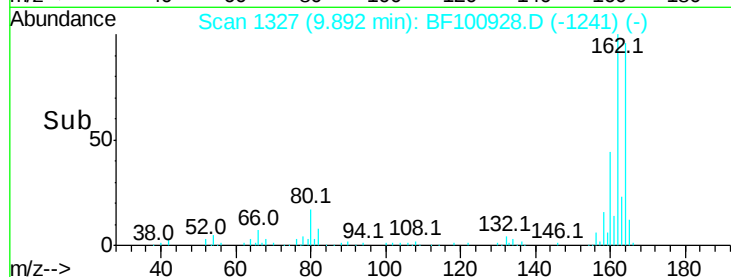
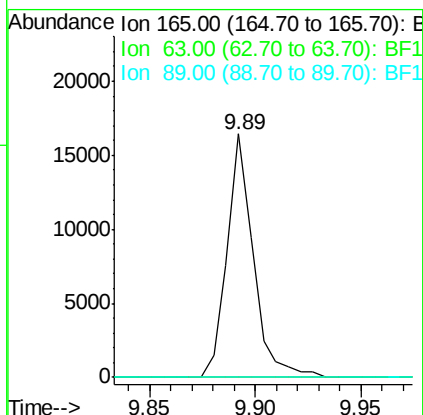
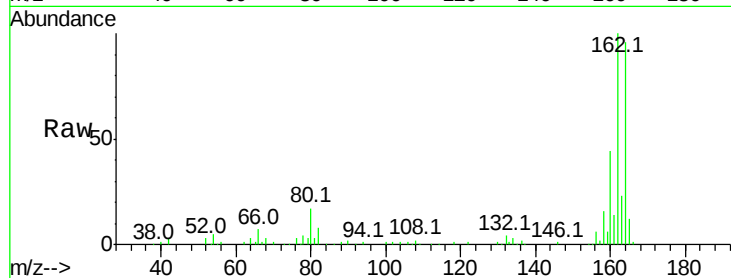




#50
 2,6-Dinitrotoluene
 Concen: 8.205 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

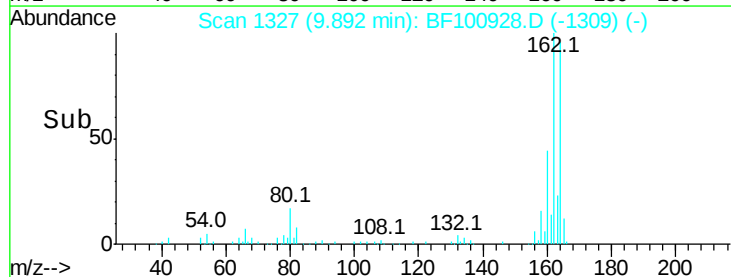
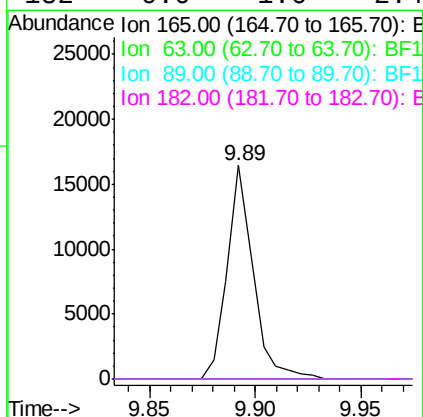
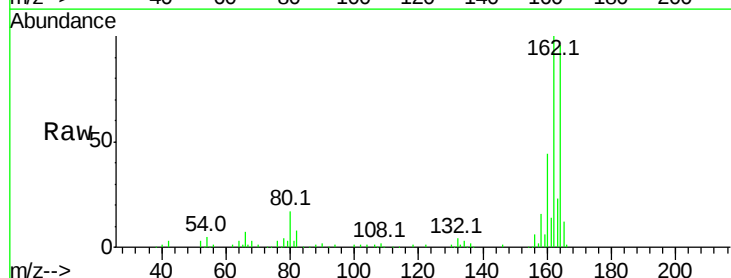
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.504 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100928.D
 Acq: 28 Nov 2017 12:41

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

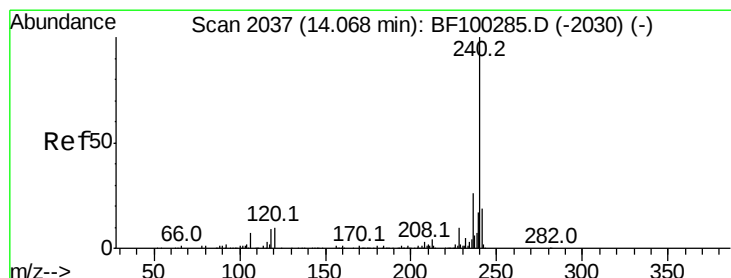
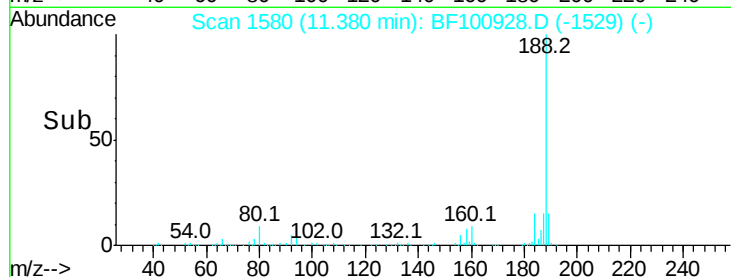
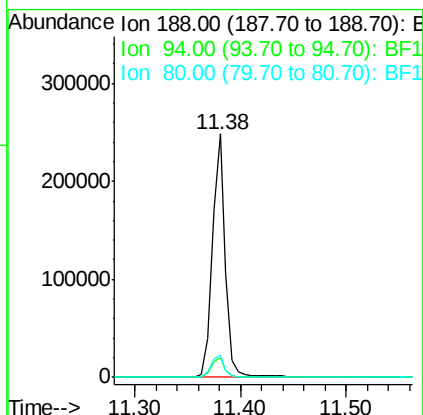
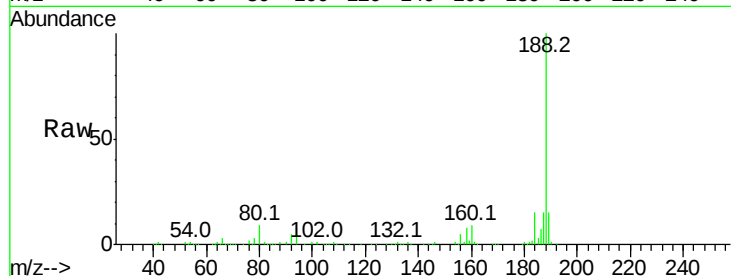




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100928.D
Acq: 28 Nov 2017 12:41

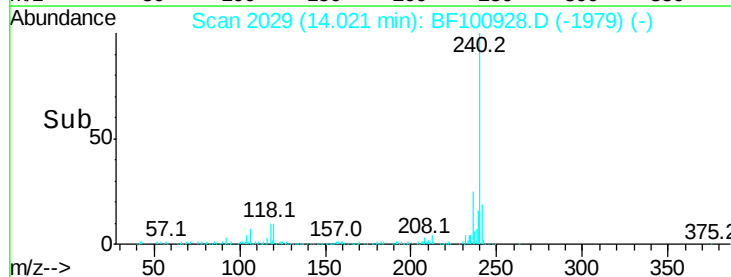
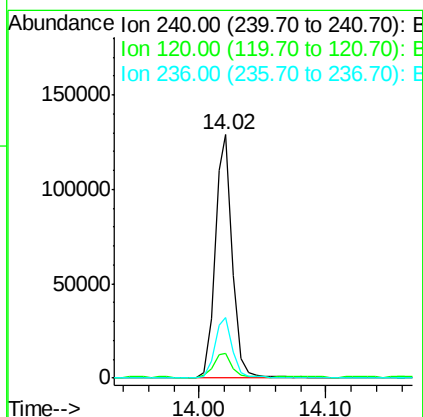
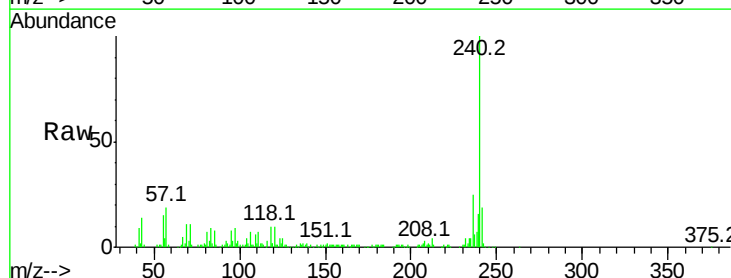
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 215223
Ion Ratio Lower Upper
188 100
94 7.9 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: BF100928.D
Acq: 28 Nov 2017 12:41

Tgt Ion:240 Resp: 123146
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 1.995 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF100928.D

Acq: 28 Nov 2017 12:41

Instrument :

BNA_F

ClientSampleId :

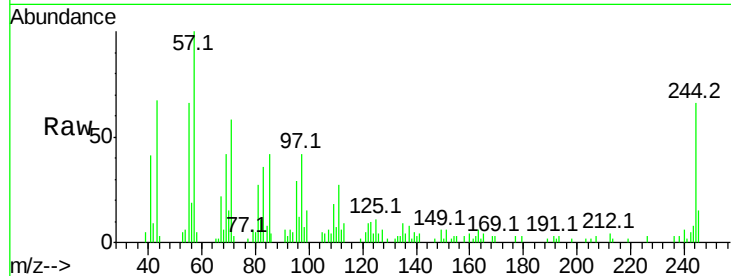
Tot Ion:244 Resp: 10694

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

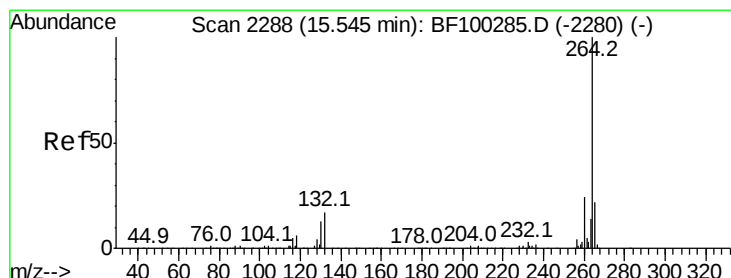
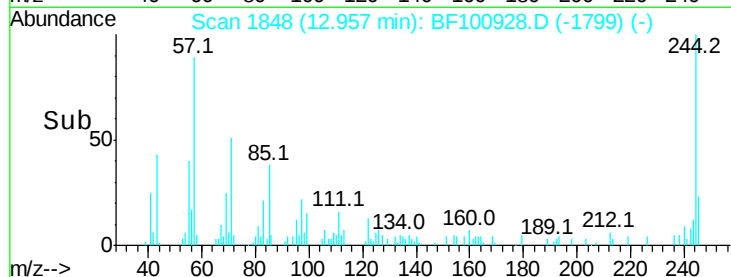
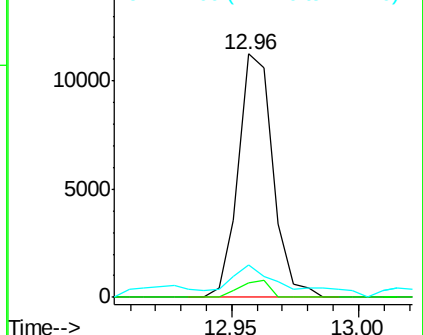
122 13.4 11.0 16.4



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# 2279

Delta R.T. -0.00 min

Lab File: BF100928.D

Acq: 28 Nov 2017 12:41

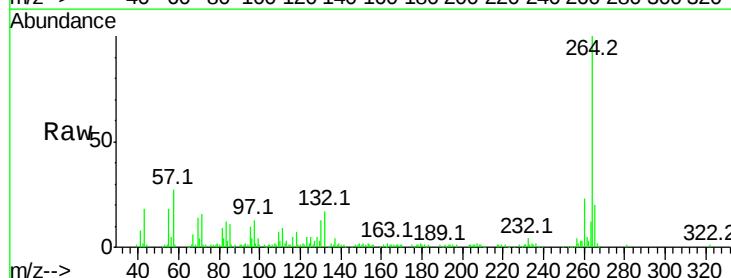
Tgt Ion:264 Resp: 128078

Ion Ratio Lower Upper

264 100

260 22.9 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

