

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098707.D
 Acq On : 22 Sep 2017 20:21
 Operator : SJ/JU
 Sample : I5330-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092017

Quant Time: Sep 23 02:09:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	152993	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	633645	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	287236	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	494814	20.00	ng	0.00
75) Chrysene-d12	14.09	240	342400	20.00	ng	0.00
86) Perylene-d12	15.58	264	355176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	192192	19.08	ng	0.00
7) Phenol-d6	6.53	99	236914	19.42	ng	-0.01
23) Nitrobenzene-d5	7.48	82	128771	13.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	49963	19.02	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	210061	11.64	ng	0.00
78) Terphenyl-d14	13.03	244	198045	12.42	ng	0.00

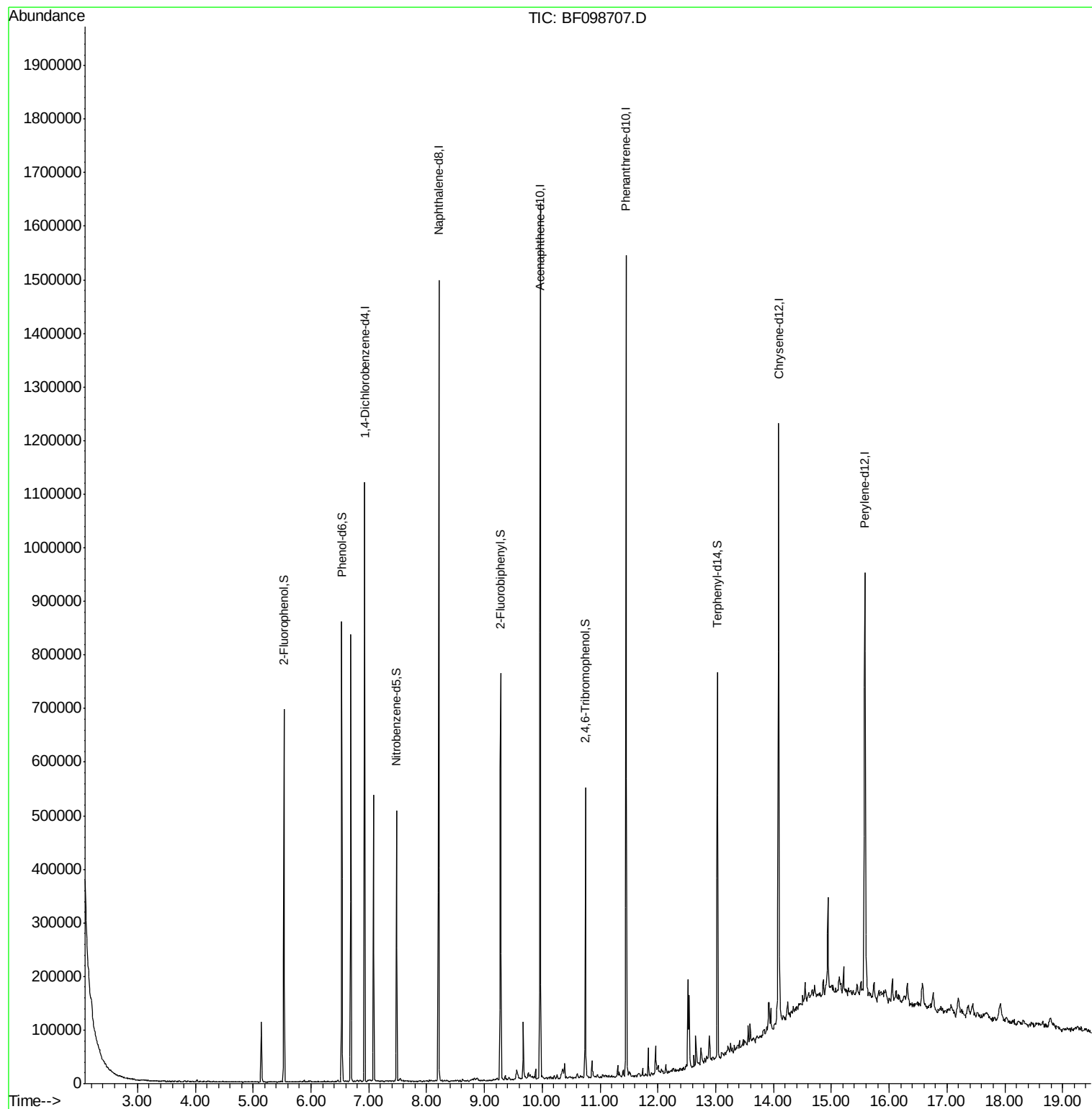
Target Compounds Qvalue

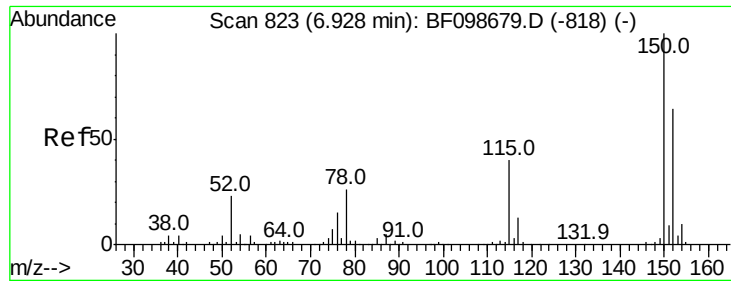
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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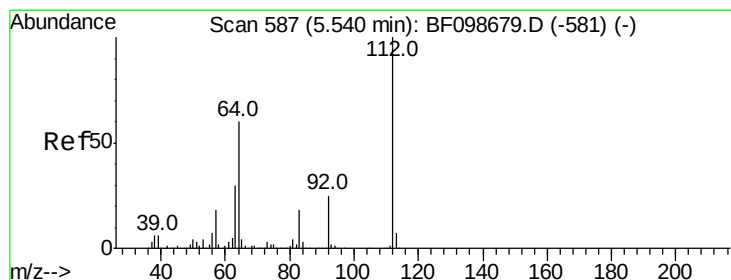
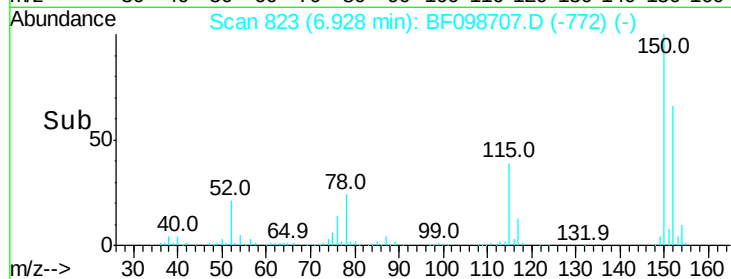
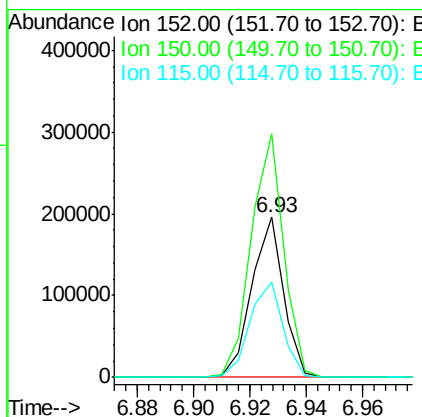
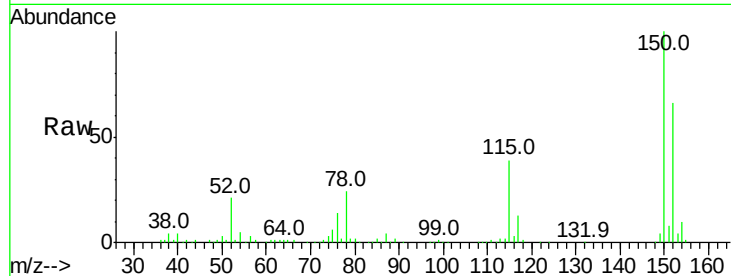


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098707.D
 Acq: 22 Sep 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092017

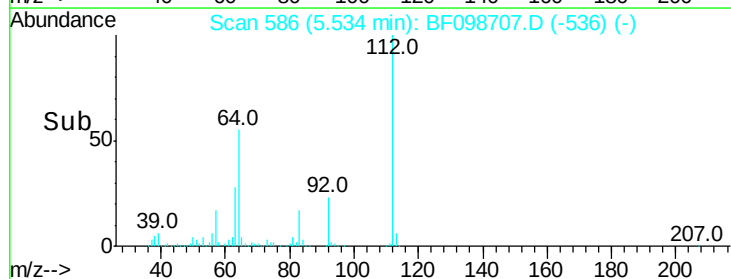
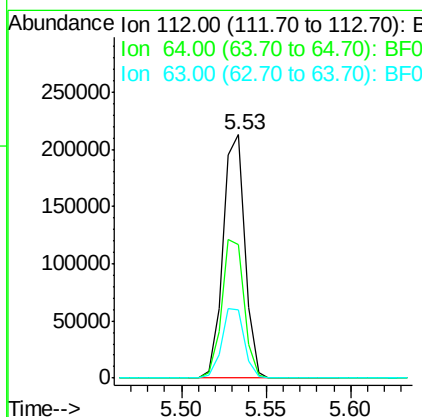
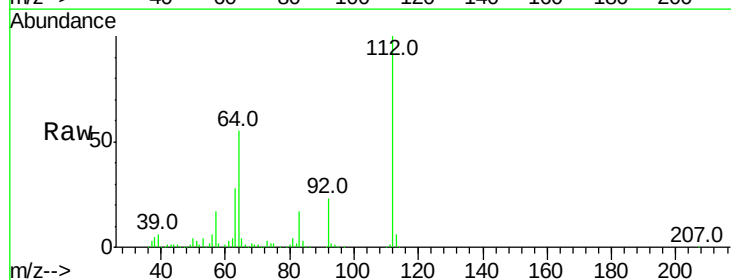
Tot Ion:152 Resp: 152993
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 59.1 50.1 75.1

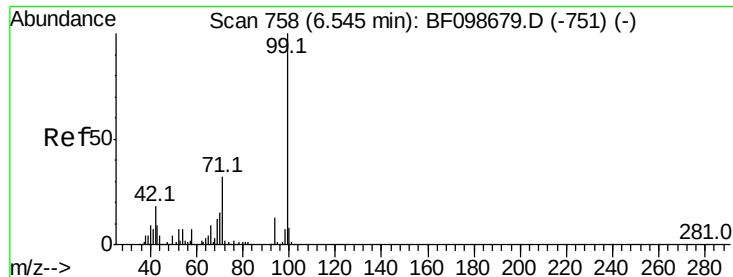


#5

2-Fluorophenol
 Concen: 19.076 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098707.D
 Acq: 22 Sep 2017 20:21

Tgt Ion:112 Resp: 192192
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 19.418 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098707.D

Acq: 22 Sep 2017 20:21

Instrument :

BNA_F

ClientSampleId :

HD-01-092017

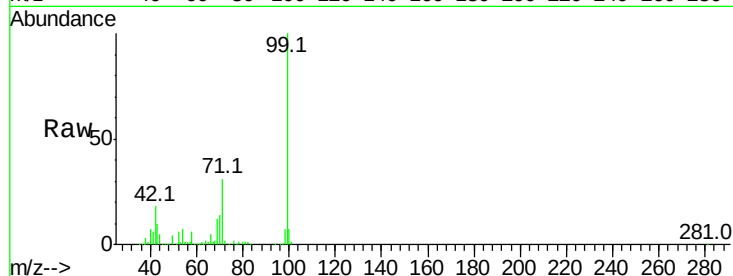
Tot Ion: 99 Resp: 236914

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

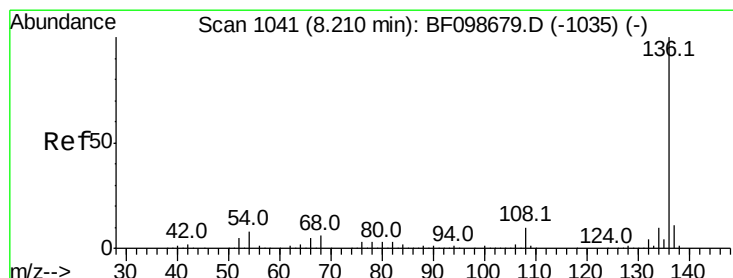
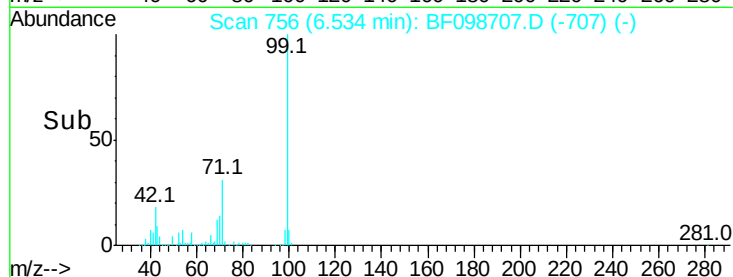
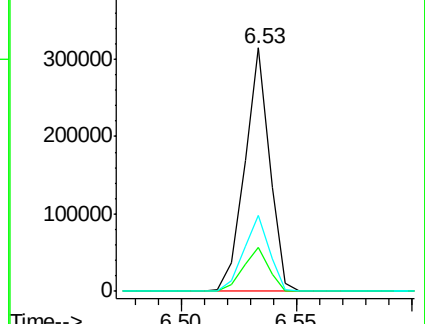
71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098707.D

Acq: 22 Sep 2017 20:21

Tgt Ion: 136 Resp: 633645

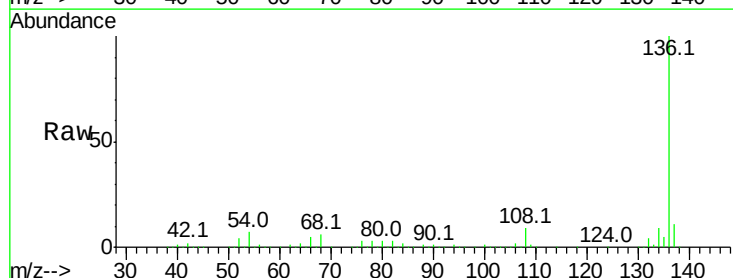
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.6 5.0 7.4

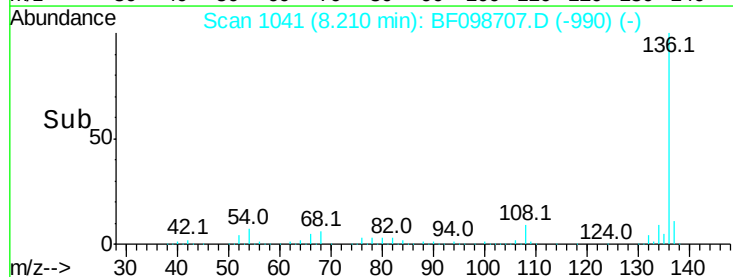
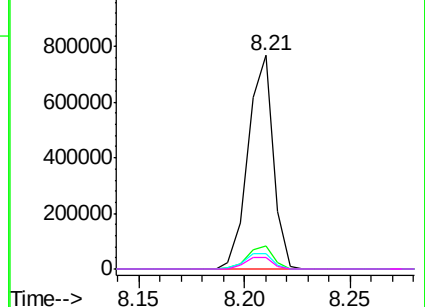


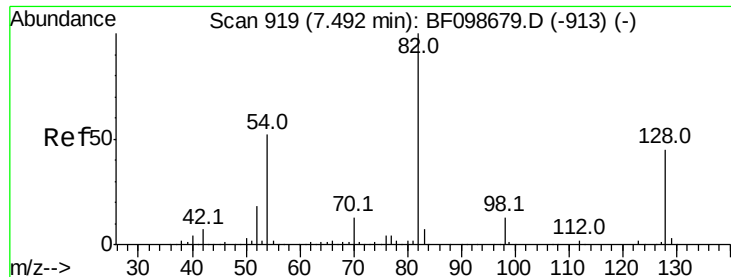
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

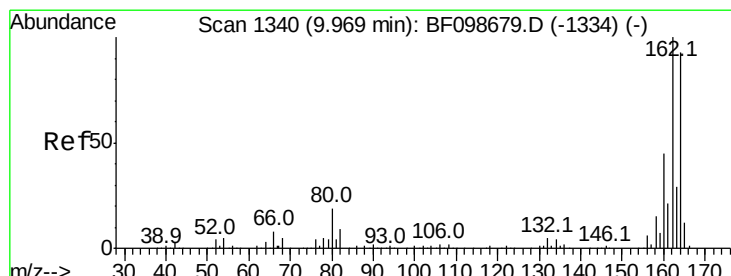
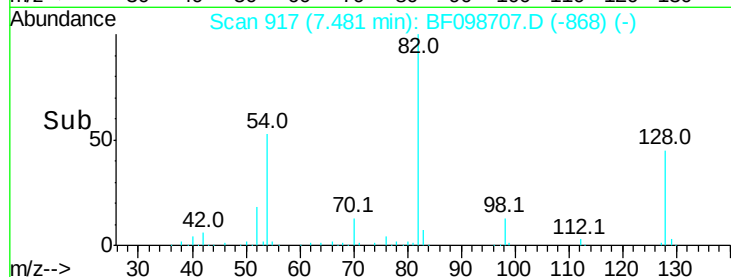
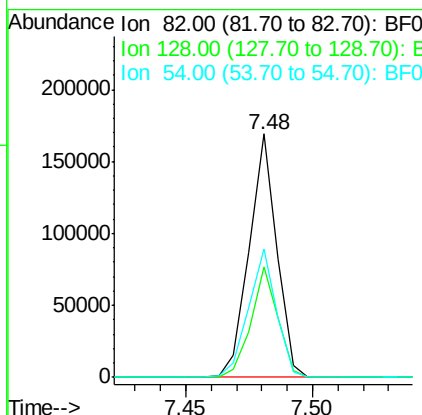
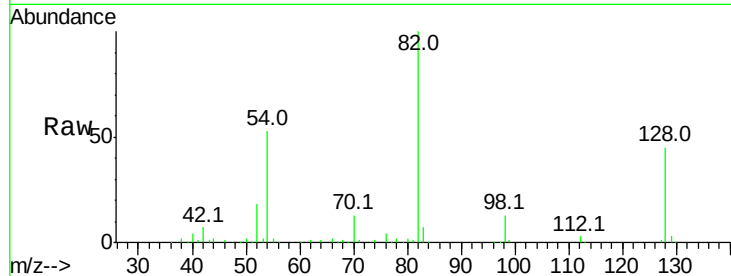




#23
Nitrobenzene-d5
Concen: 13.785 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098707.D
Acq: 22 Sep 2017 20:21

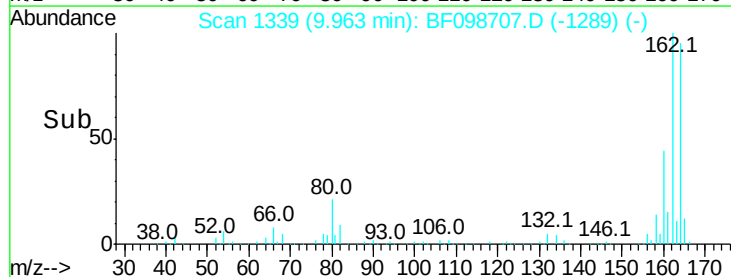
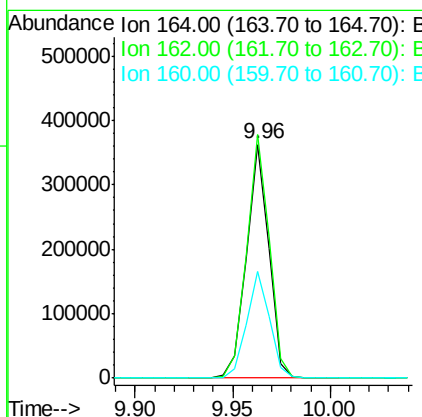
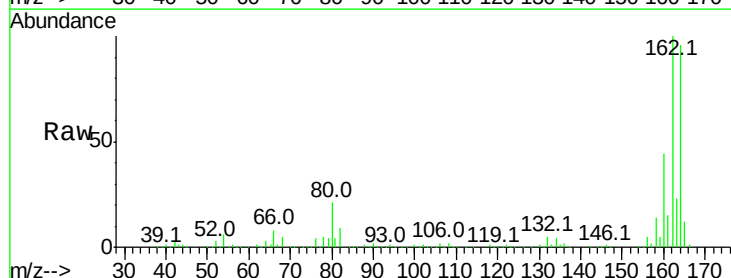
Instrument :
BNA_F
ClientSampleId :
HD-01-092017

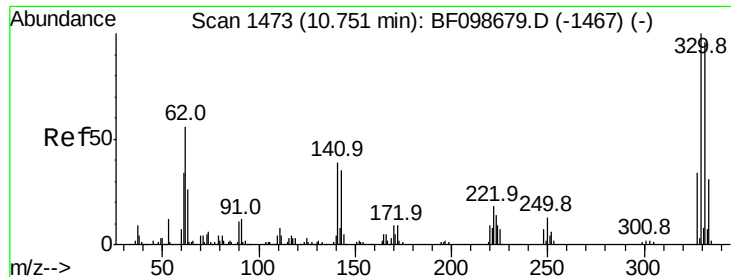
Tot Ion: 82 Resp: 128771
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 52.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098707.D
Acq: 22 Sep 2017 20:21

Tgt Ion:164 Resp: 287236
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.9 38.3 57.5

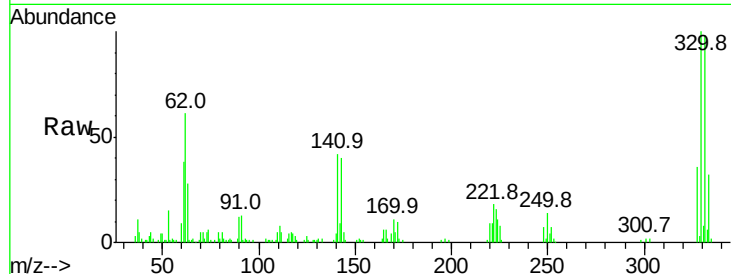




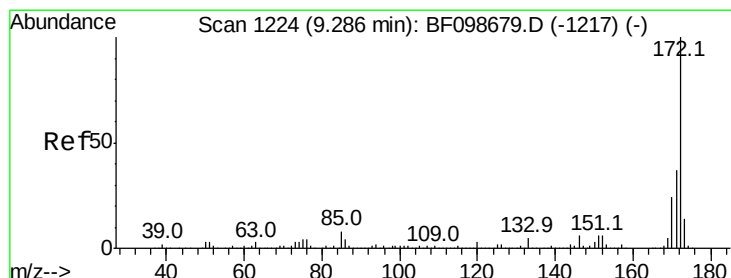
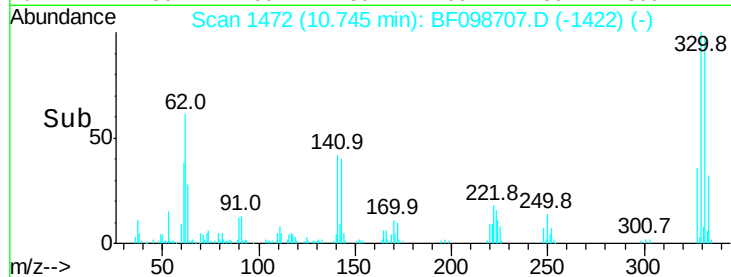
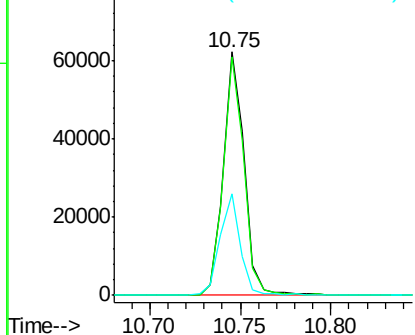
#41
 2,4,6-Tribromophenol
 Concen: 19.020 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098707.D
 Acq: 22 Sep 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.0	29.9	44.9

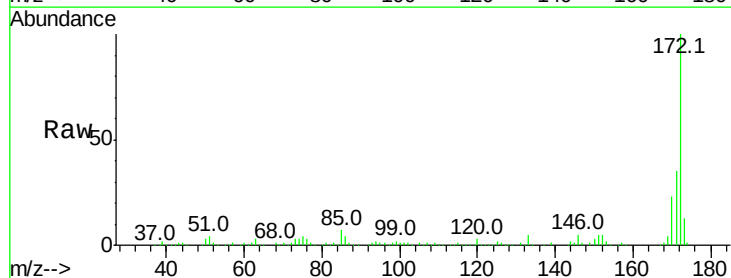


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

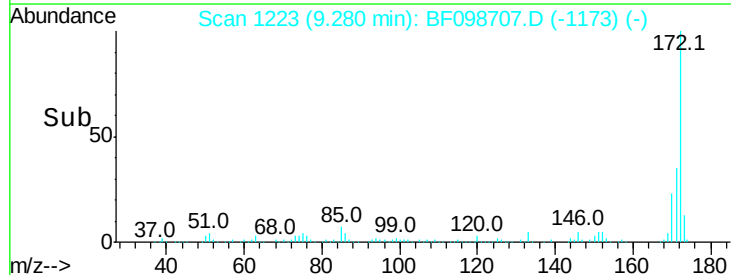
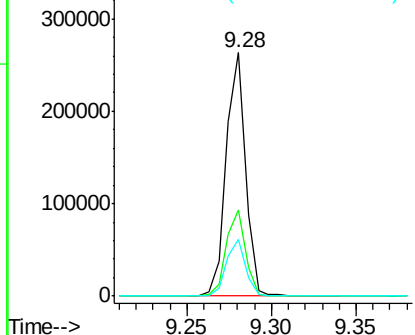


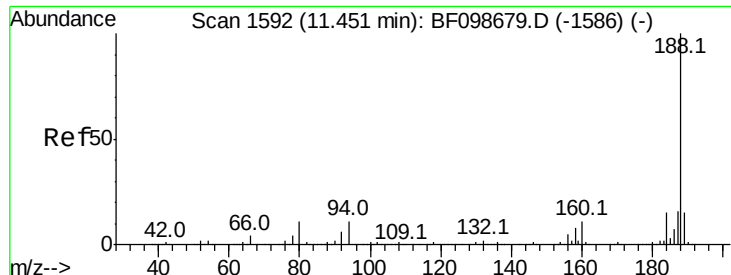
#44
 2-Fluorobiphenyl
 Concen: 11.637 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098707.D
 Acq: 22 Sep 2017 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.3	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

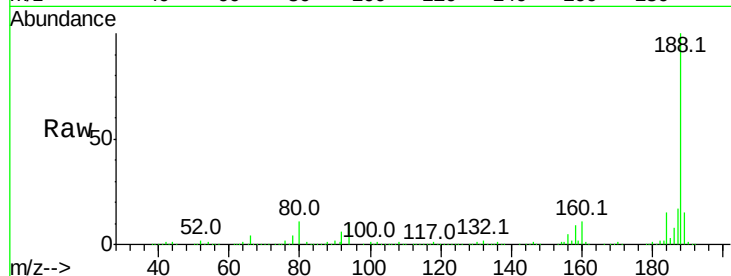




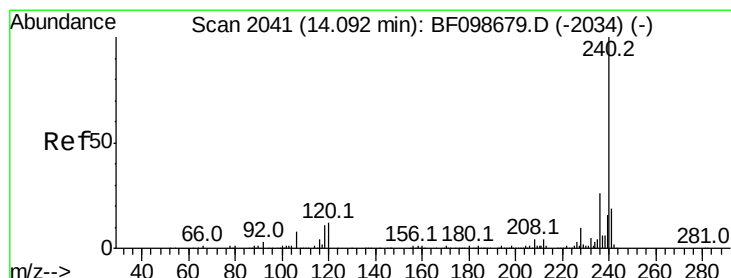
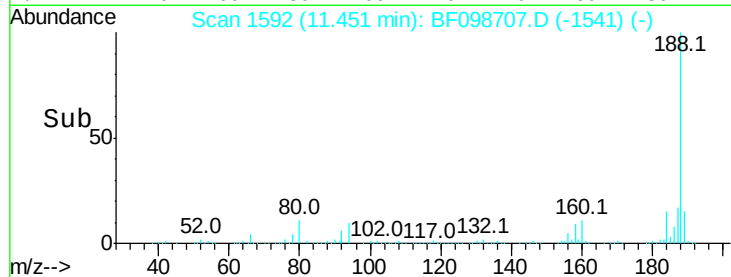
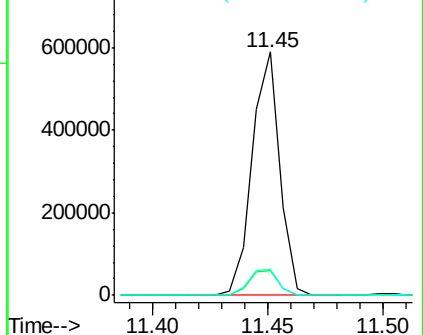
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098707.D
Acq: 22 Sep 2017 20:21

Instrument :
BNA_F
ClientSampleId :
HD-01-092017

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.2	13.8

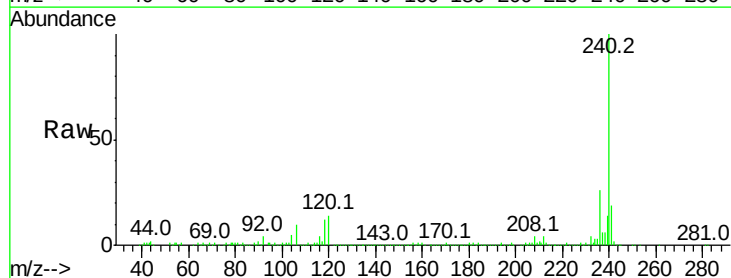


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

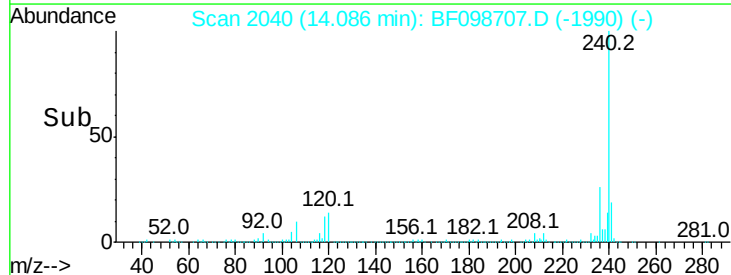
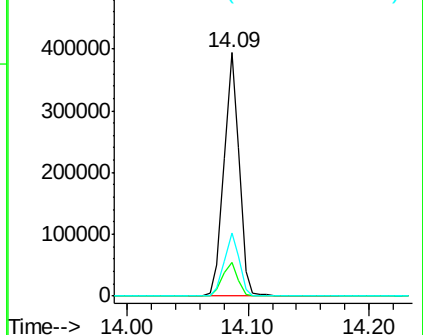


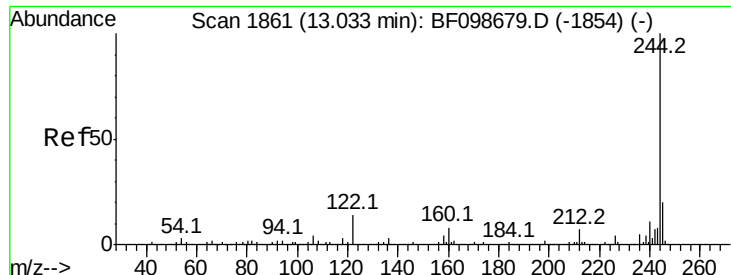
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF098707.D
Acq: 22 Sep 2017 20:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.420 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098707.D

Acq: 22 Sep 2017 20:21

Instrument :

BNA_F

ClientSampleId :

HD-01-092017

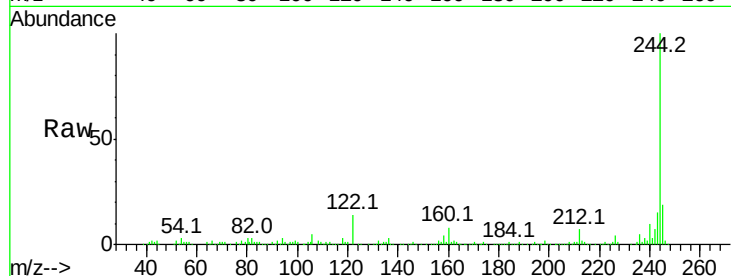
Tot Ion:244 Resp: 198045

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

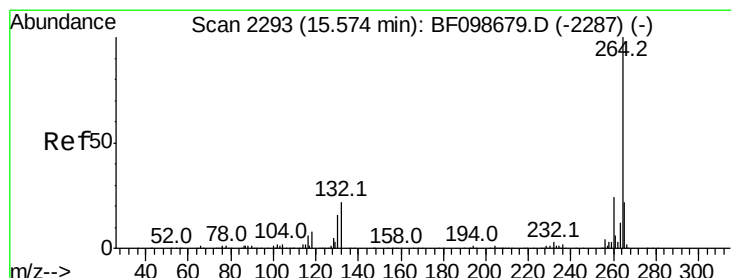
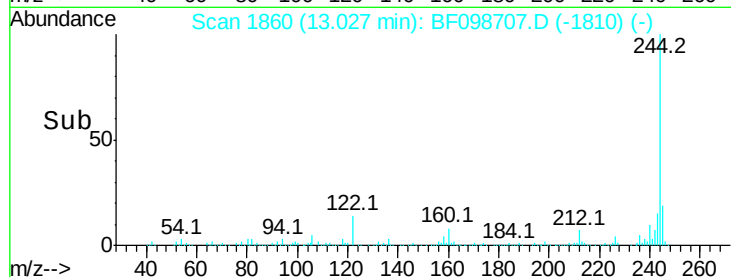
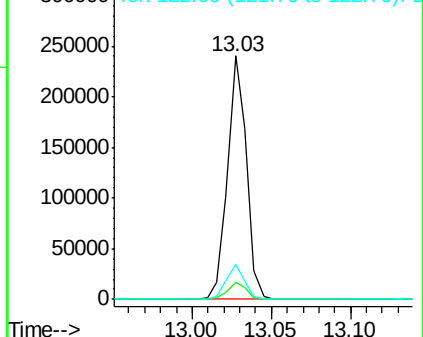
122 14.2 11.0 16.4



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: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098707.D

Acq: 22 Sep 2017 20:21

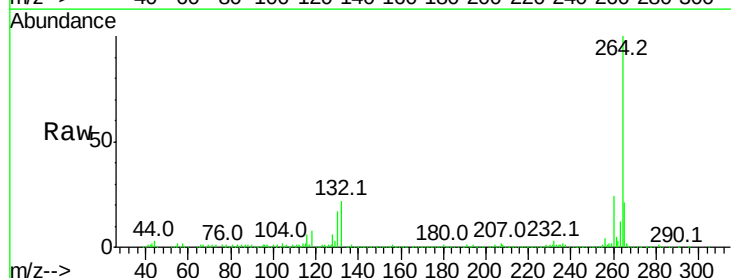
Tgt Ion:264 Resp: 355176

Ion Ratio Lower Upper

264 100

260 23.7 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

