

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098700.D
 Acq On : 22 Sep 2017 15:19
 Operator : SJ/JU
 Sample : I5333-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Quant Time: Sep 22 15:55:32 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 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	135632	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	547748	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	214504	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	309915	20.00	ng	0.00
75) Chrysene-d12	14.09	240	283278	20.00	ng	0.00
86) Perylene-d12	15.58	264	267550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	591937	66.27	ng	0.00
7) Phenol-d6	6.54	99	425845	39.37	ng	0.00
23) Nitrobenzene-d5	7.49	82	920125	113.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	283182	144.36	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1539324	114.19	ng	0.00
78) Terphenyl-d14	13.03	244	1088515	82.51	ng	0.00

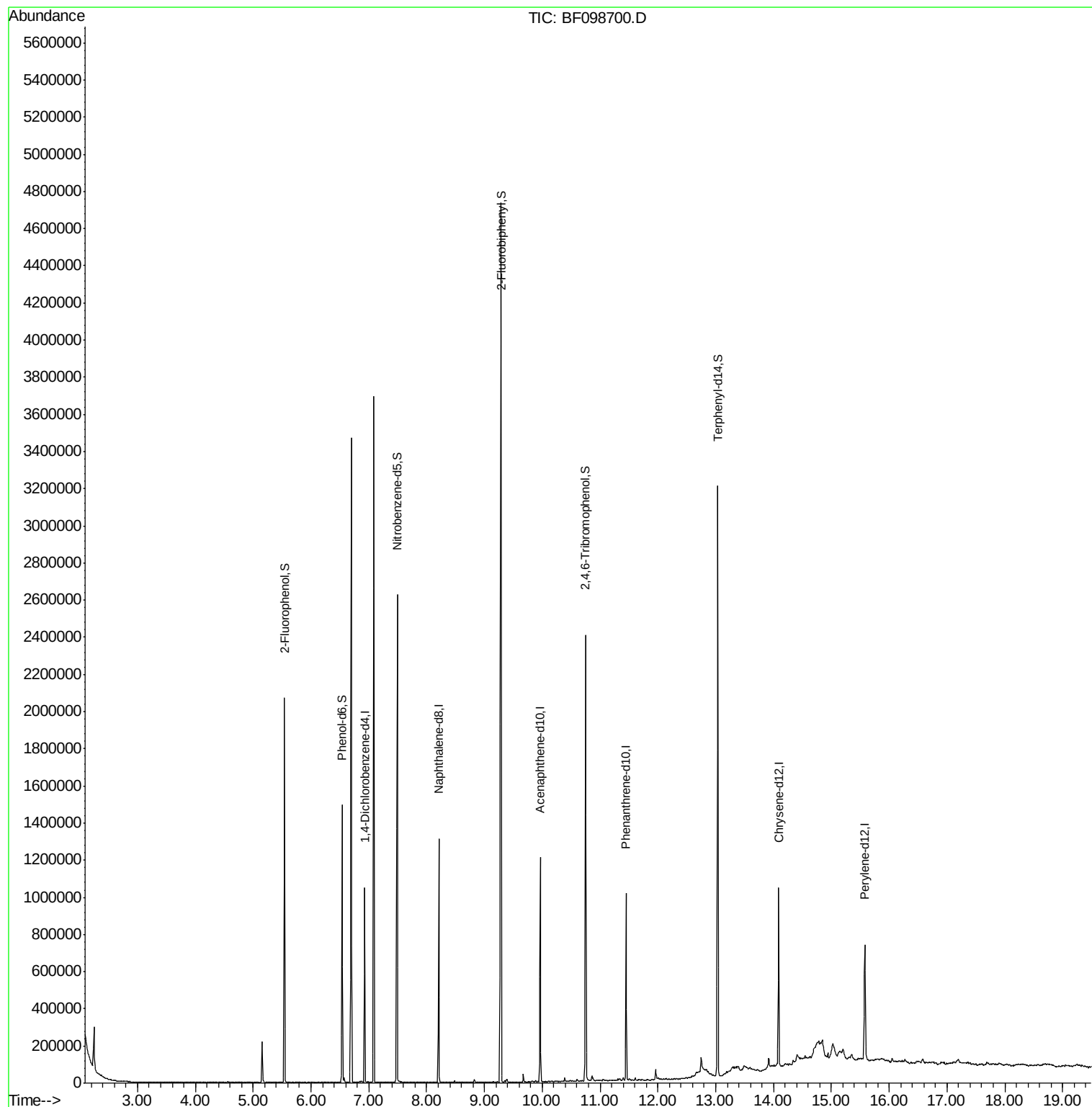
Target Compounds Qvalue

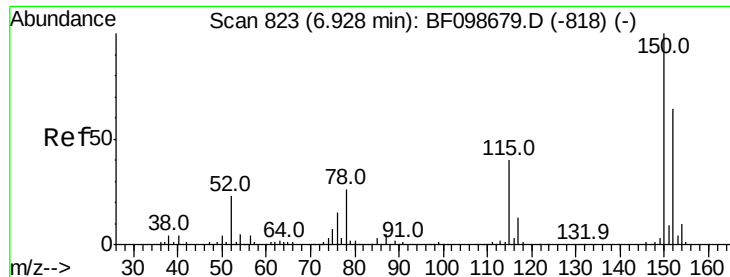
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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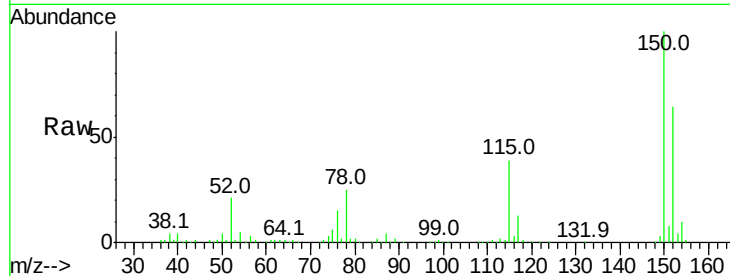


#1

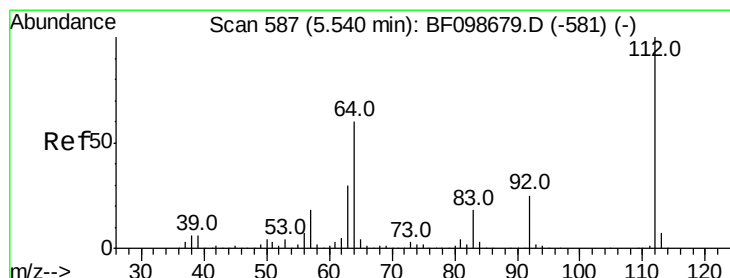
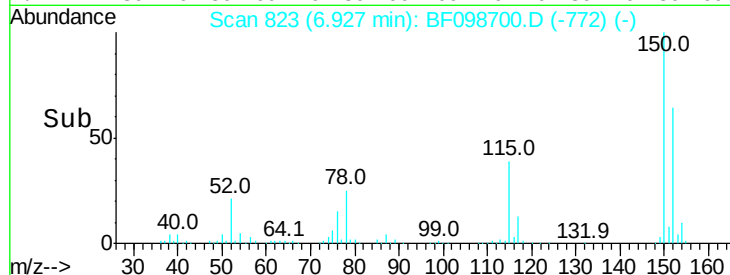
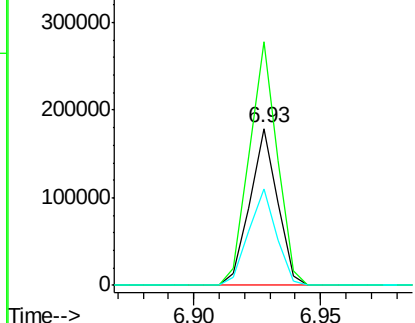
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Tot Ion:152 Resp: 135632
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 61.2 50.1 75.1



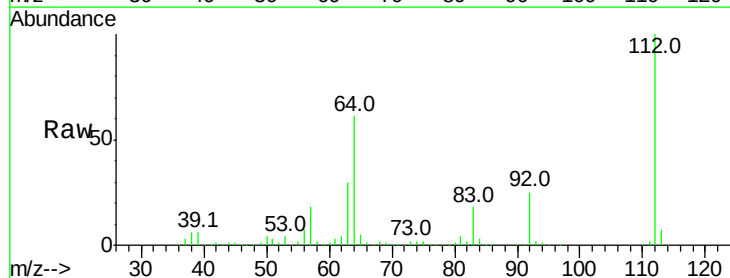
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



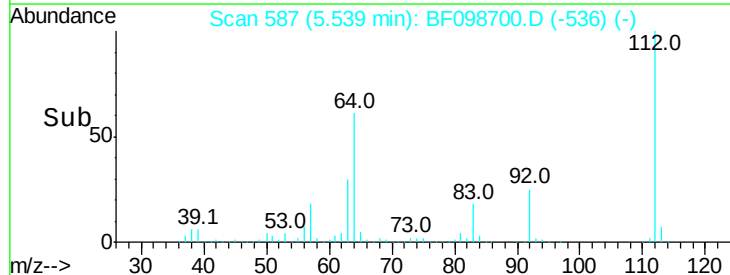
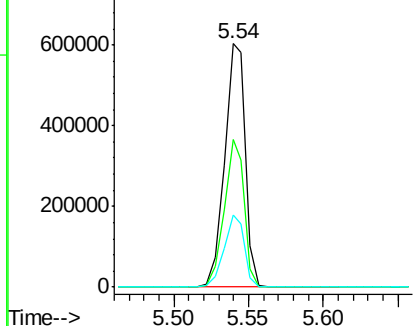
#5

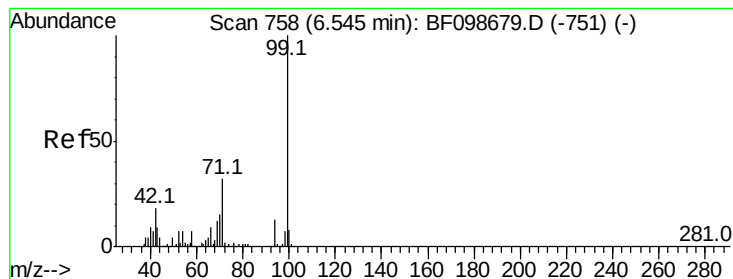
2-Fluorophenol
 Concen: 66.273 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion:112 Resp: 591937
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.372 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

BNA_F

ClientSampleId :

SV-30745L

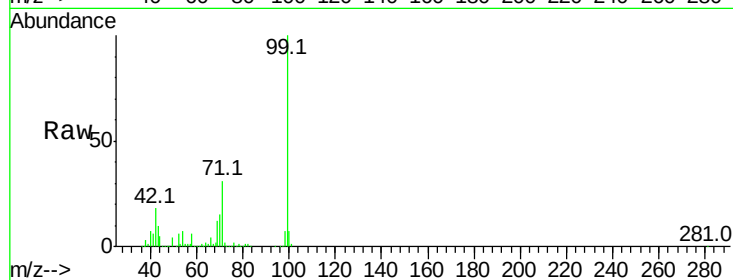
Tot Ion: 99 Resp: 425845

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

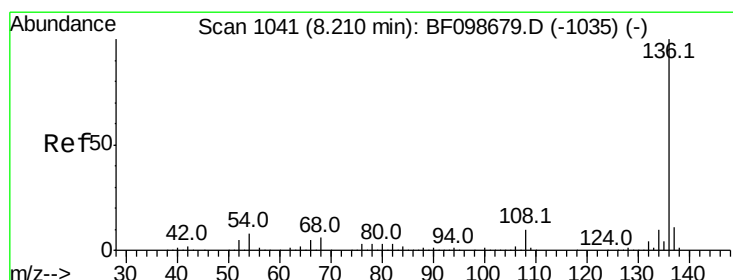
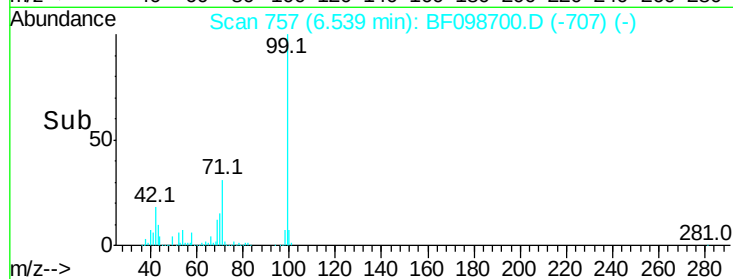
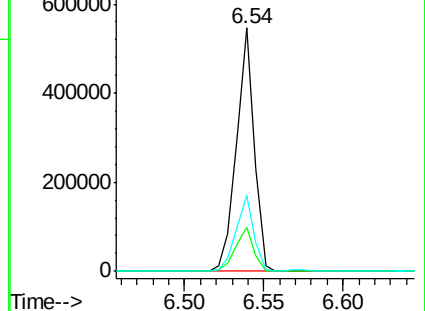
71 31.2 25.4 38.0



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: BF098700.D

Acq: 22 Sep 2017 15:19

Tgt Ion: 136 Resp: 547748

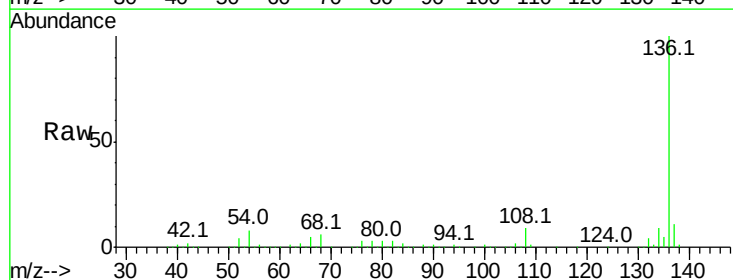
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4

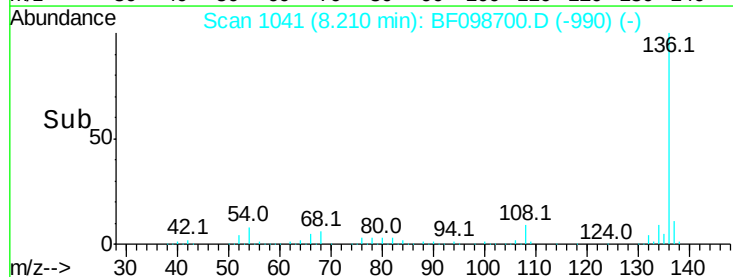
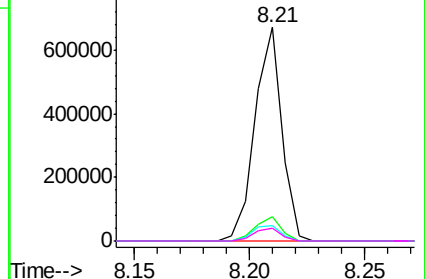


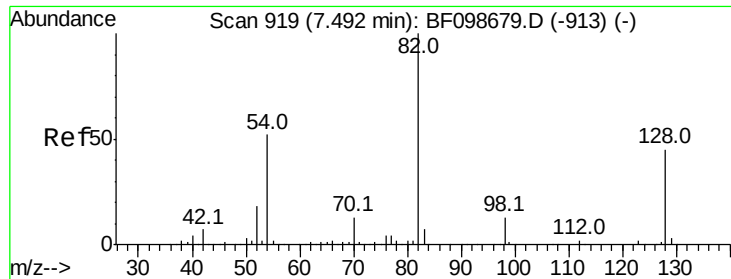
Abundance Ion 136.00 (135.70 to 136.70): E

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

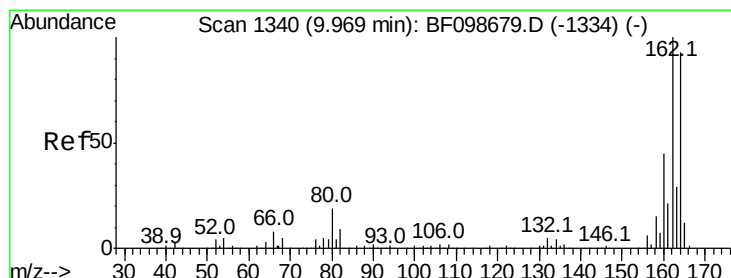
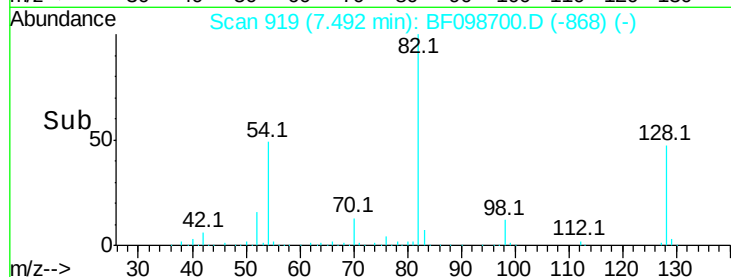
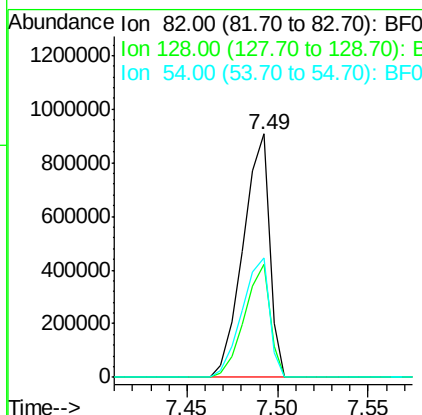
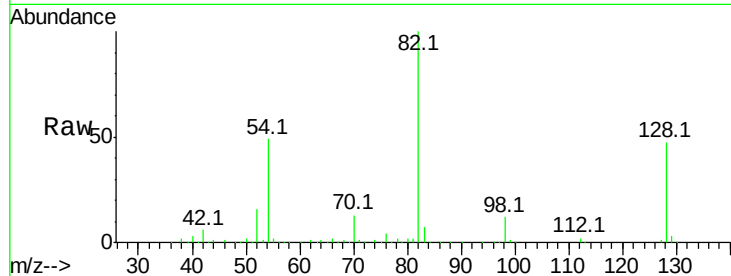




#23
 Nitrobenzene-d5
 Concen: 113.944 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

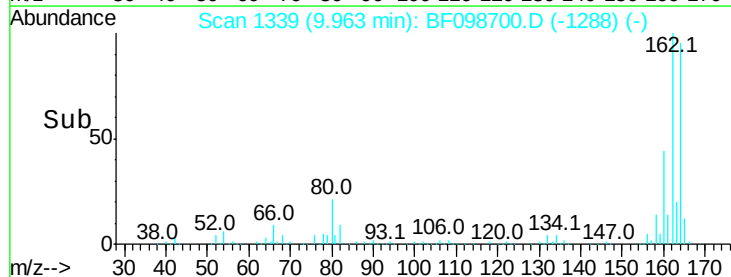
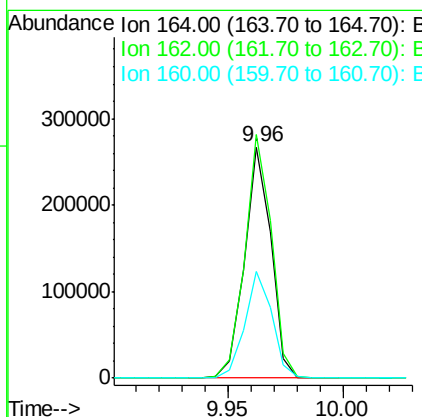
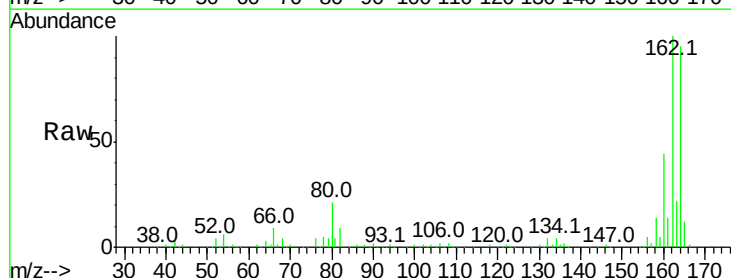
Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

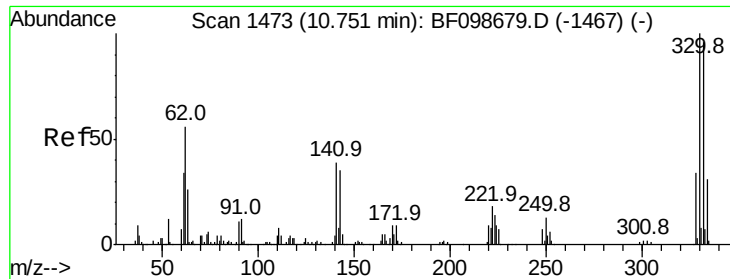
Tot Ion	82	Resp	920125
Ion Ratio	100	Lower	Upper
128	46.6	36.1	54.1
54	49.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion	164	Resp	214504
Ion Ratio	100	Lower	Upper
162	105.2	86.1	129.1
160	46.2	38.3	57.5

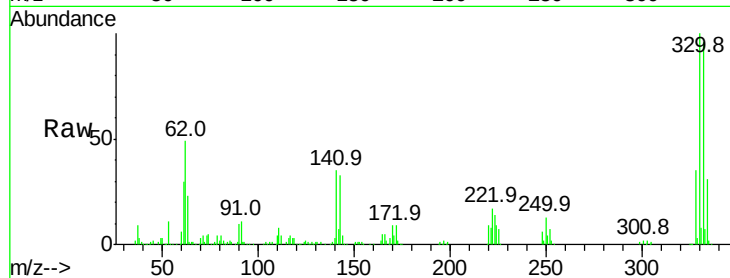




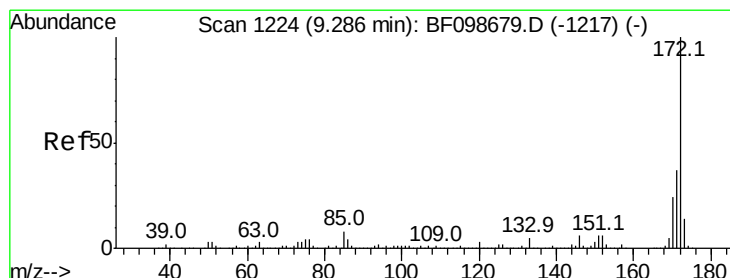
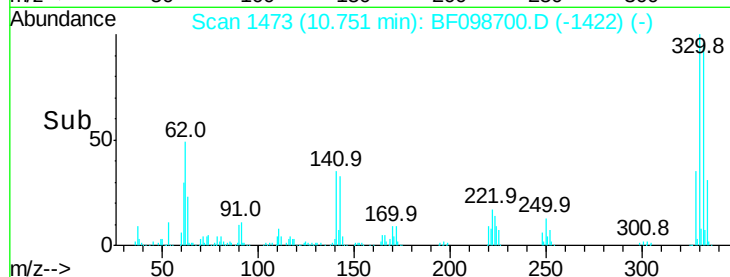
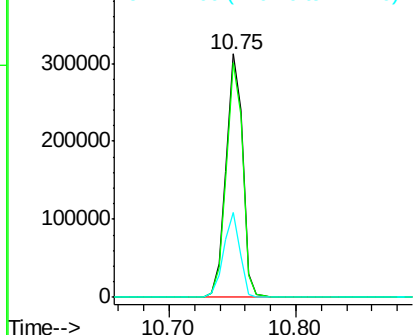
#41
 2,4,6-Tribromophenol
 Concen: 144.357 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.8	29.9	44.9

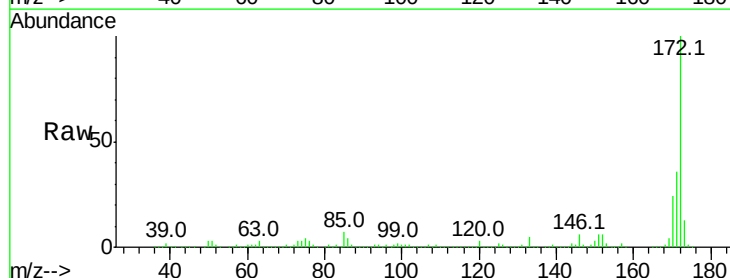


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

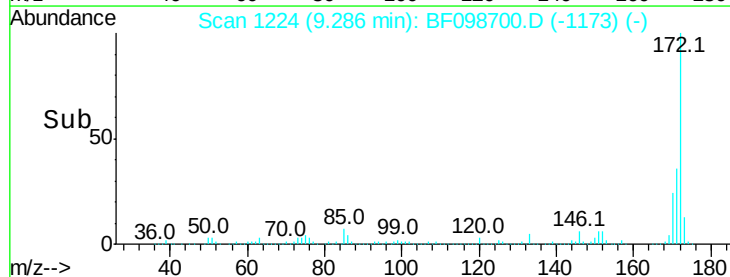
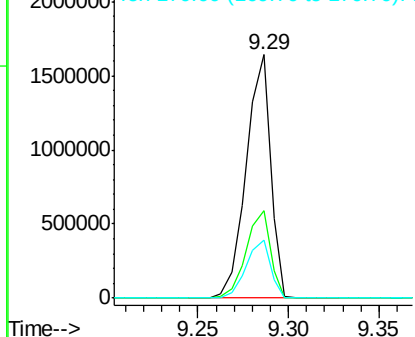


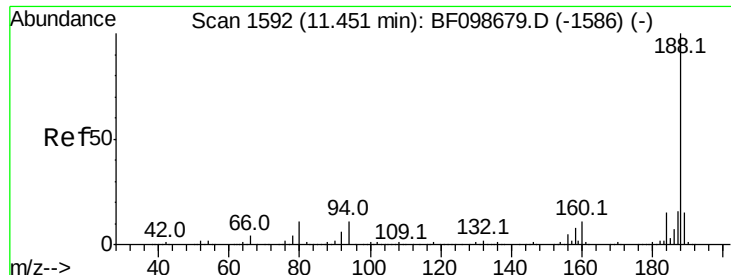
#44
 2-Fluorobiphenyl
 Concen: 114.194 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	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: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

BNA_F

ClientSampled :

SV-30745L

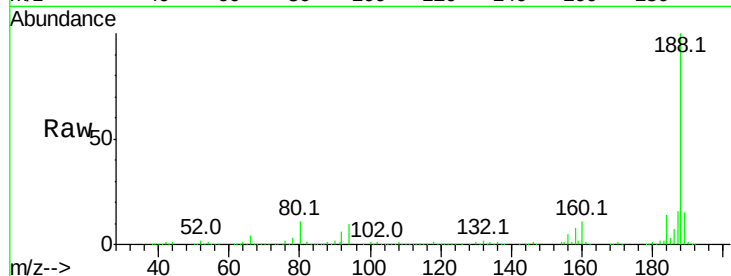
Tot Ion:188 Resp: 309915

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

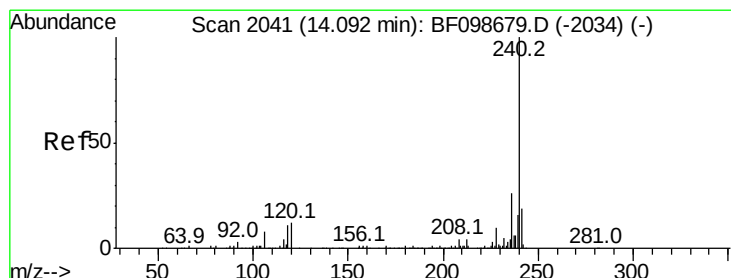
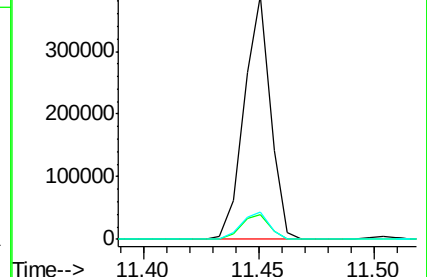
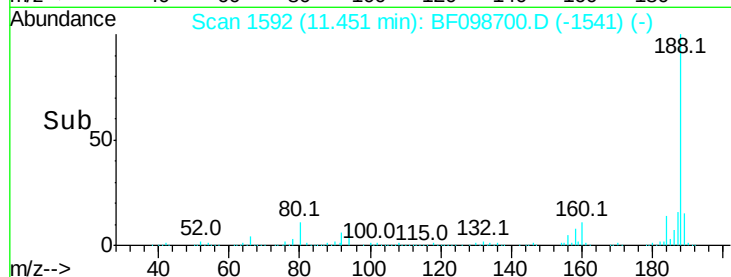
80 11.4 9.2 13.8



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. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

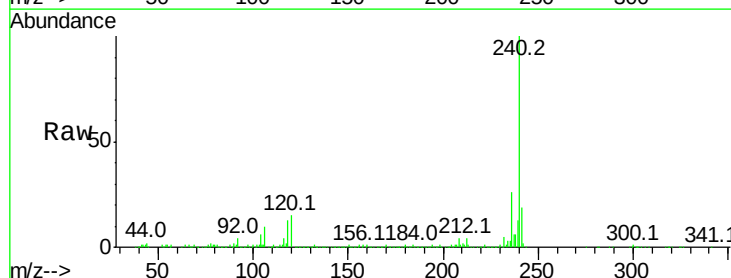
Tgt Ion:240 Resp: 283278

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

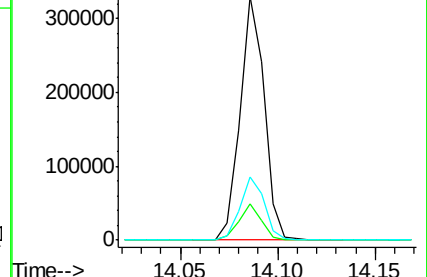
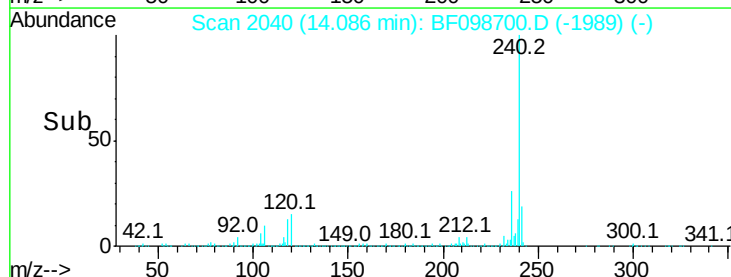
236 26.0 20.7 31.1

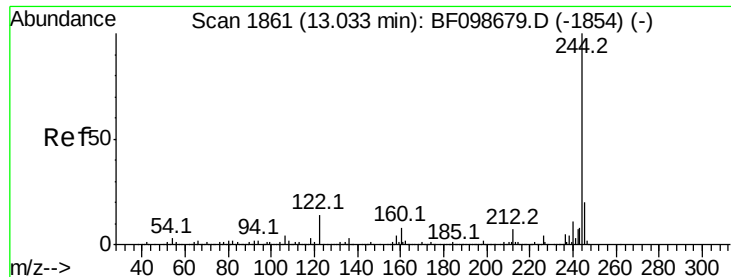


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

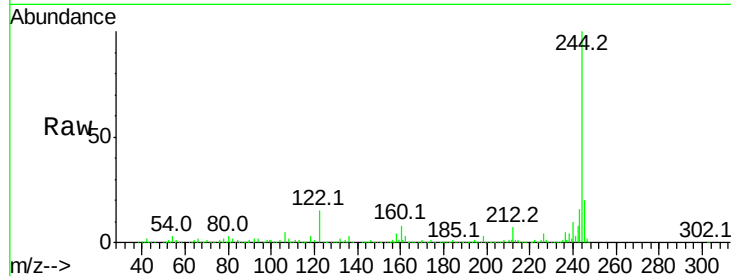




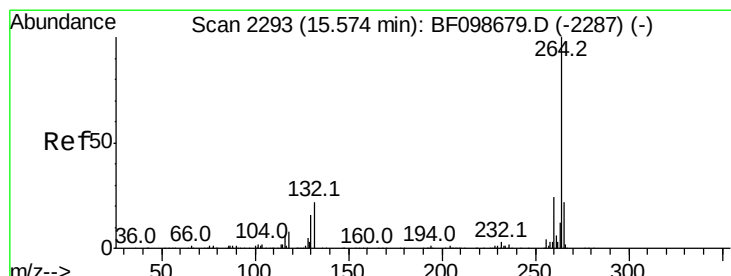
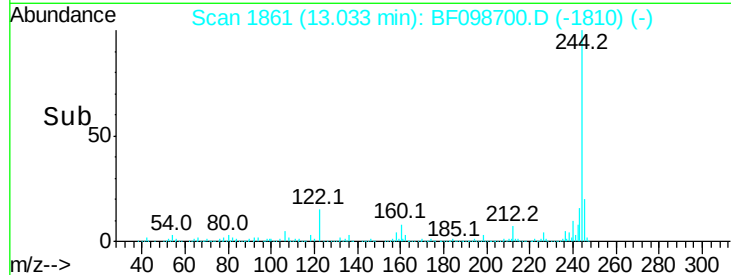
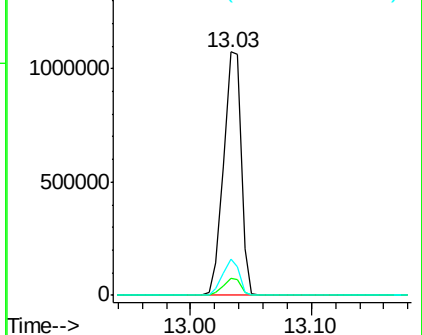
#78
 Terphenyl-d14
 Concen: 82.509 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Instrument :
 BNA_F
 ClientSampled :
 SV-30745L

Tot Ion:244 Resp: 1088515
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.7 11.0 16.4

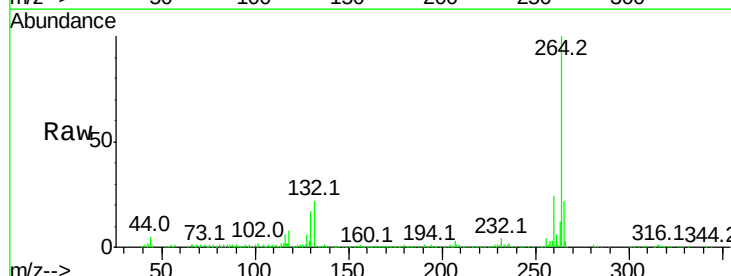


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion:264 Resp: 267550
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

