

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096900.D
 Acq On : 20 Jul 2017 11:02
 Operator : SJ/JU
 Sample : I4203-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02B

Quant Time: Jul 20 16:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	94880	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	380313	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	171252	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	241428	20.00	ng	0.00
75) Chrysene-d12	13.72	240	156222	20.00	ng	-0.01
86) Perylene-d12	15.10	264	108345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	795491	126.06	ng	0.01
7) Phenol-d6	6.25	99	790739	104.42	ng	0.00
23) Nitrobenzene-d5	7.16	82	526750	85.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	168618	115.35	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1019375	94.04	ng	-0.01
78) Terphenyl-d14	12.68	244	581674	64.57	ng	-0.01

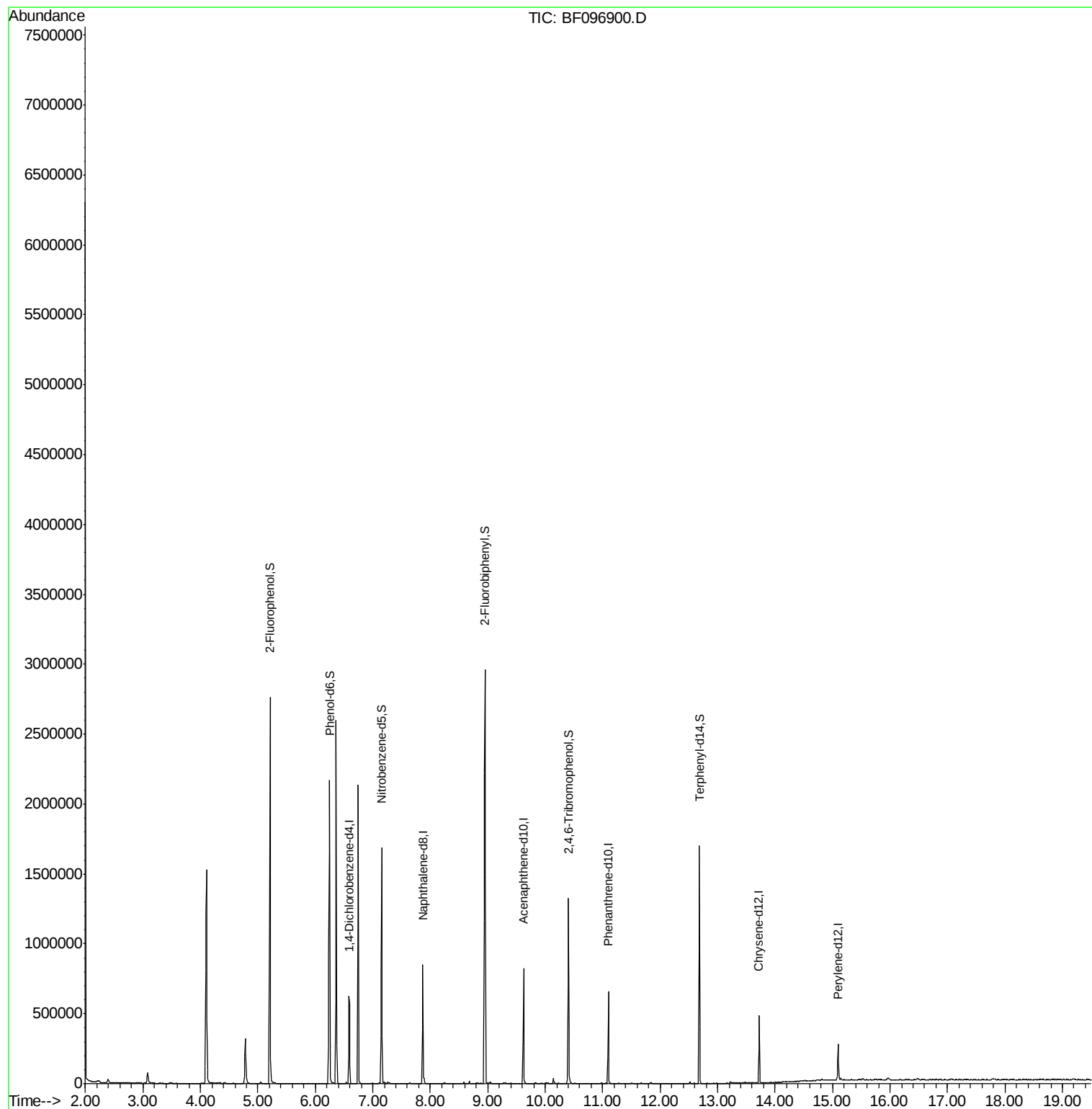
Target Compounds Qvalue

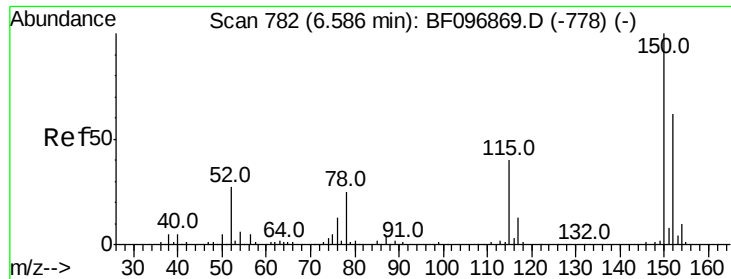
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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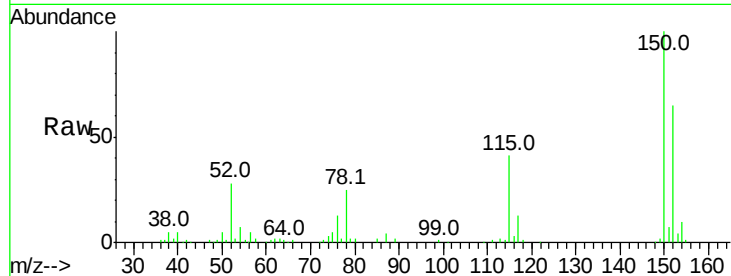


#1

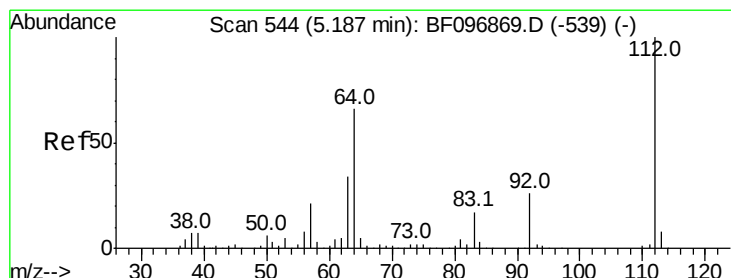
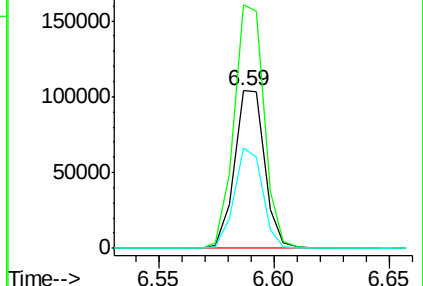
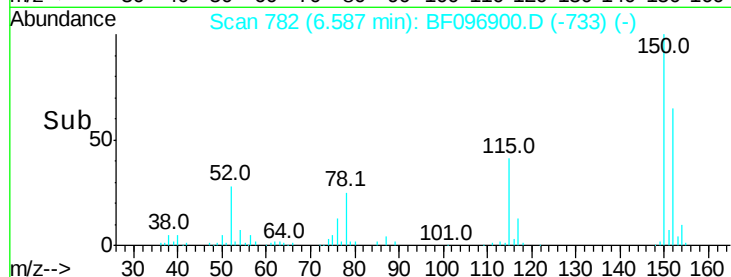
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.59 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096900.D
 Acq: 20 Jul 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02B

Tot Ion:152 Resp: 94880
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.2 189.2
 115 63.5 52.2 78.2



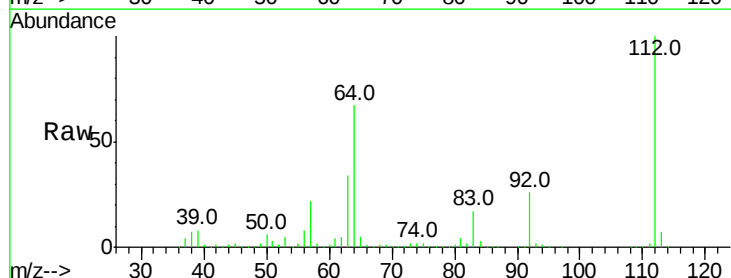
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



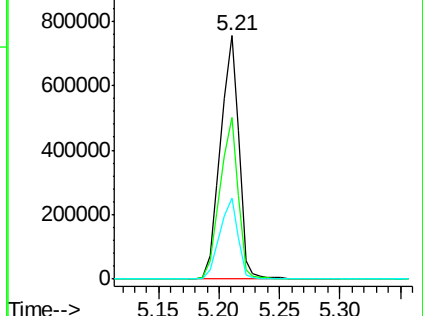
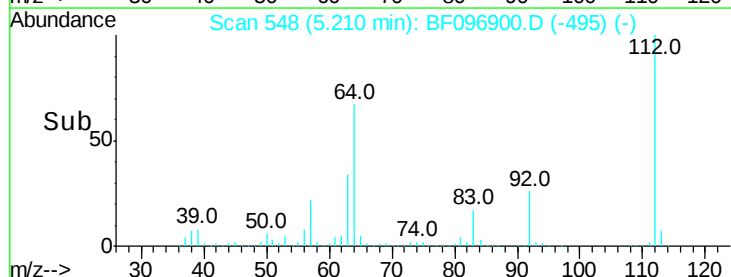
#5

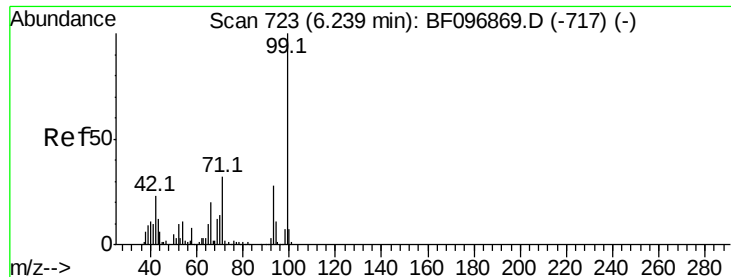
2-Fluorophenol
 Concen: 126.063 ng
 RT: 5.21 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF096900.D
 Acq: 20 Jul 2017 11:02

Tgt Ion:112 Resp: 795491
 Ion Ratio Lower Upper
 112 100
 64 66.6 46.0 69.0
 63 33.5 23.4 35.0



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: 104.423 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096900.D

Acq: 20 Jul 2017 11:02

Instrument :

BNA_F

ClientSampleId :

NB-SB02B

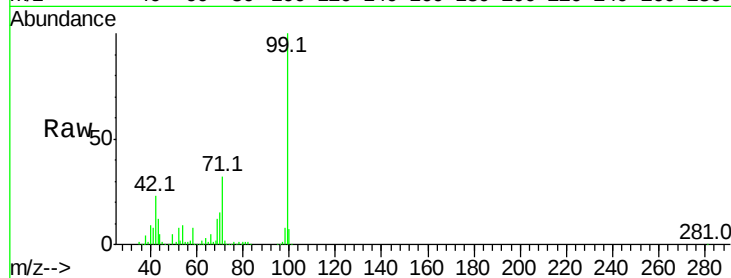
Tot Ion: 99 Resp: 790739

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

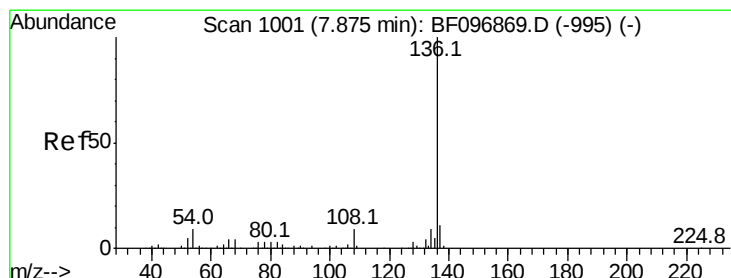
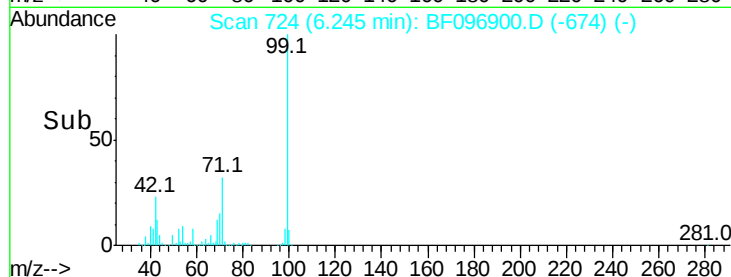
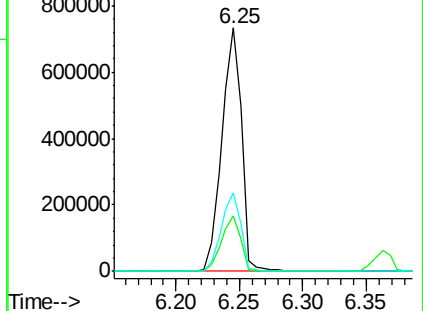
71 32.2 24.5 36.7



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: 7.87 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096900.D

Acq: 20 Jul 2017 11:02

Tgt Ion: 136 Resp: 380313

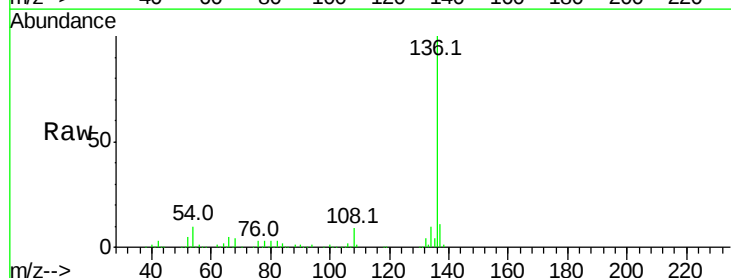
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.2 4.9 7.3#

68 4.4 4.1 6.1

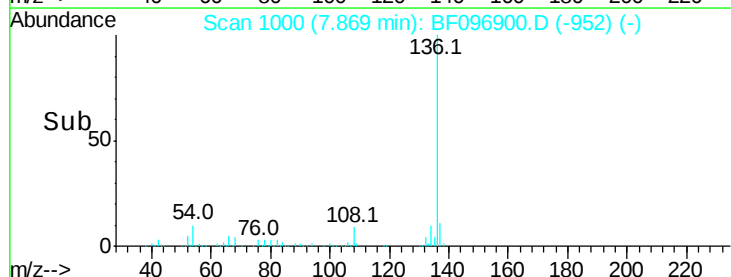
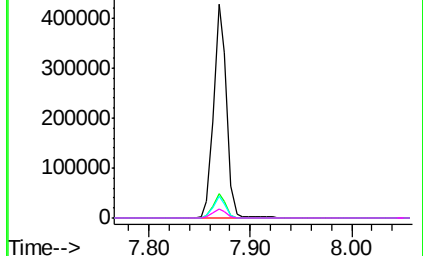


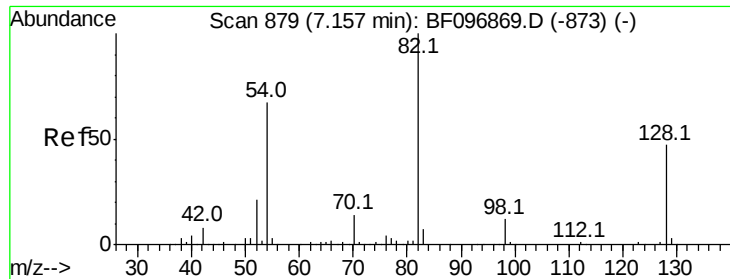
Abundance Ion 136.00 (135.70 to 136.70): E

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

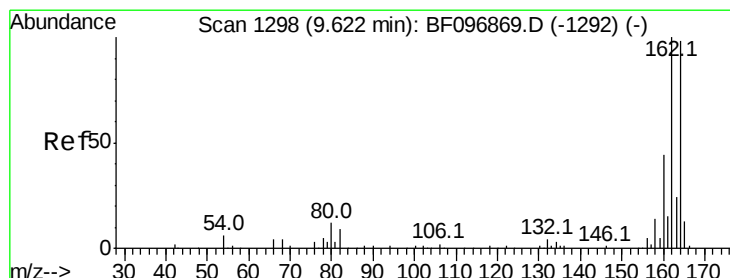
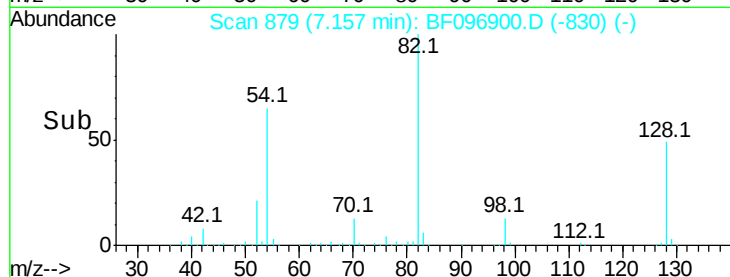
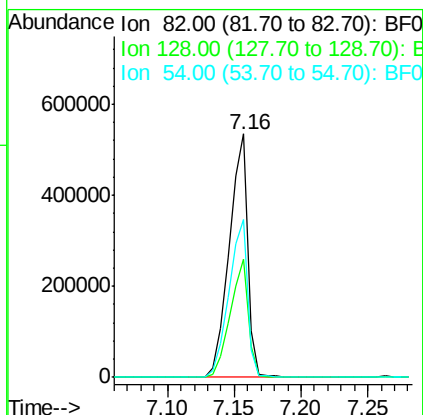
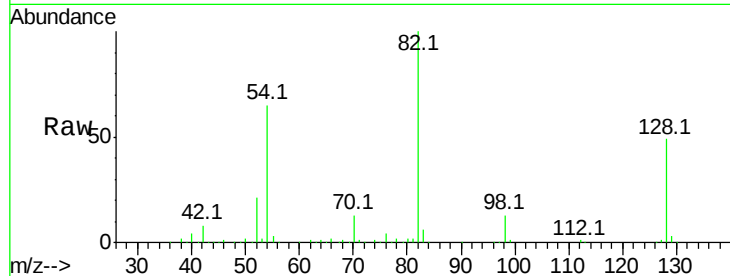




#23
Nitrobenzene-d5
Concen: 85.791 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096900.D
Acq: 20 Jul 2017 11:02

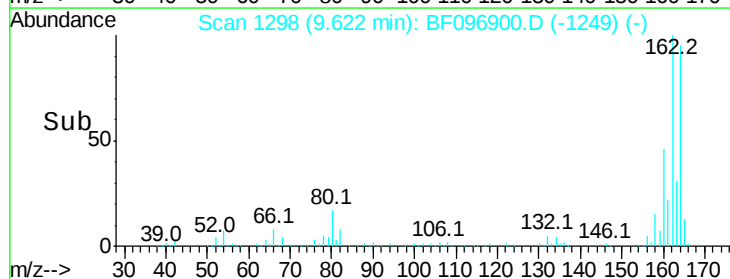
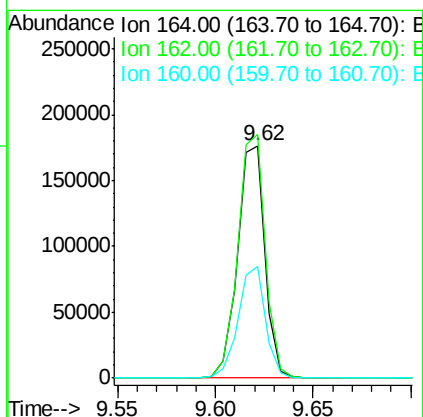
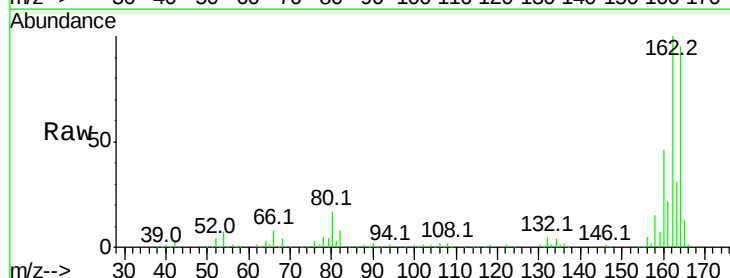
Instrument :
BNA_F
ClientSampleId :
NB-SB02B

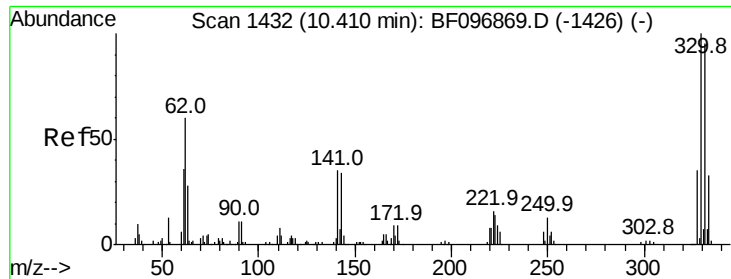
Tot Ion: 82 Resp: 526750
Ion Ratio Lower Upper
82 100
128 48.5 34.0 51.0
54 64.6 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096900.D
Acq: 20 Jul 2017 11:02

Tgt Ion:164 Resp: 171252
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 47.8 36.2 54.2

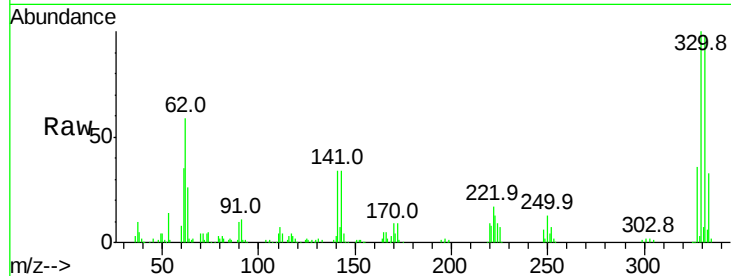




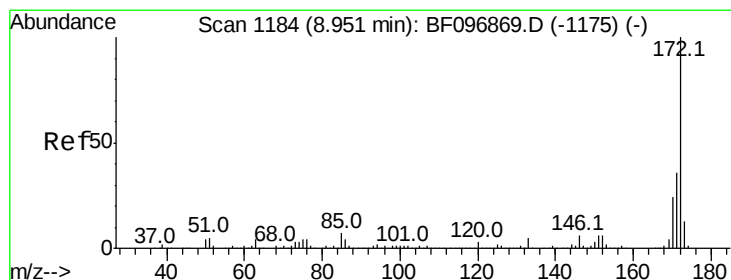
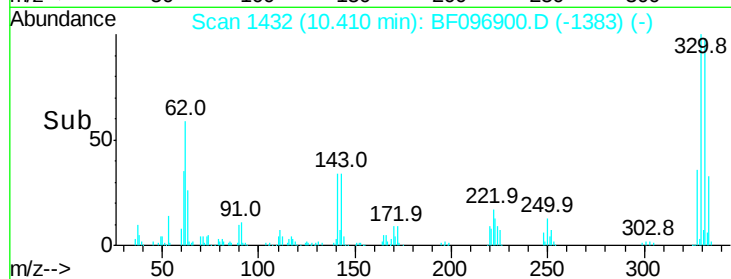
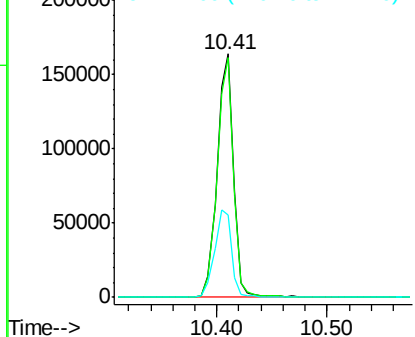
#41
 2,4,6-Tribromophenol
 Concen: 115.351 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096900.D
 Acq: 20 Jul 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	37.1	31.4	47.2

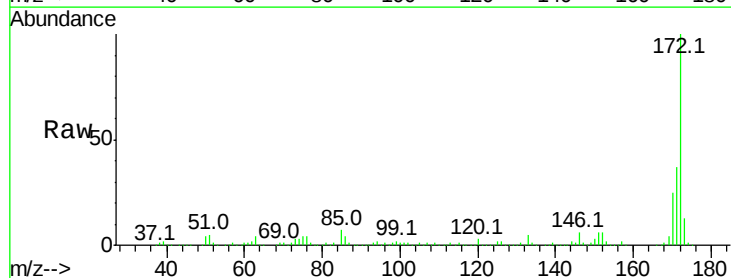


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

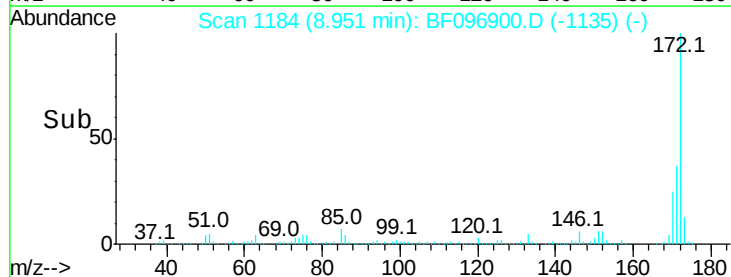
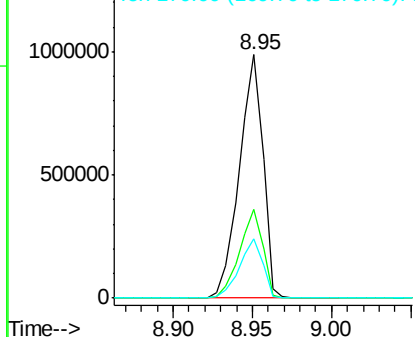


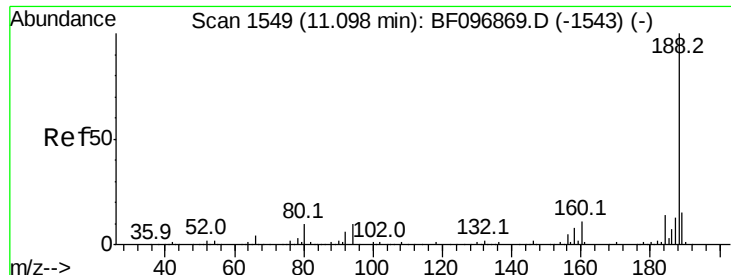
#44
 2-Fluorobiphenyl
 Concen: 94.045 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096900.D
 Acq: 20 Jul 2017 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8



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

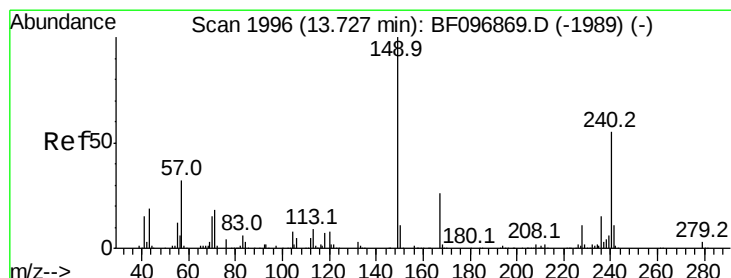
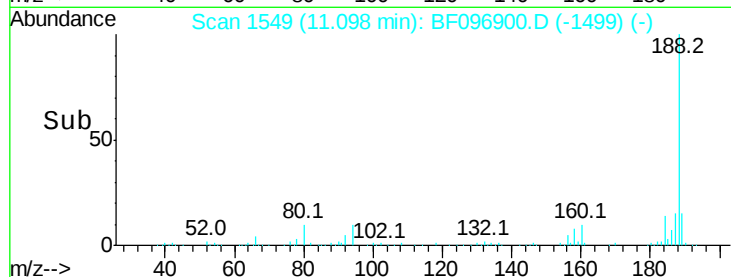
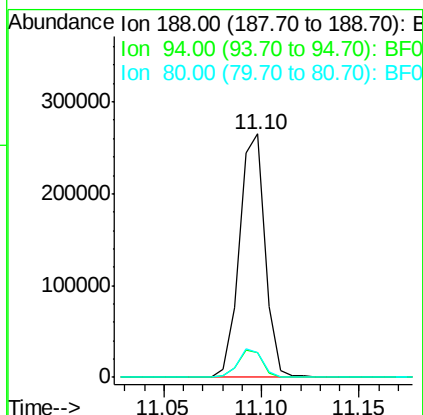
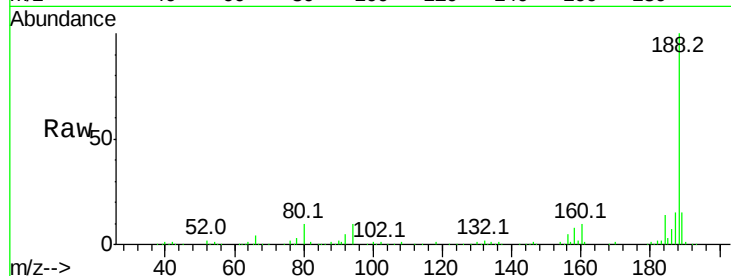




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096900.D
Acq: 20 Jul 2017 11:02

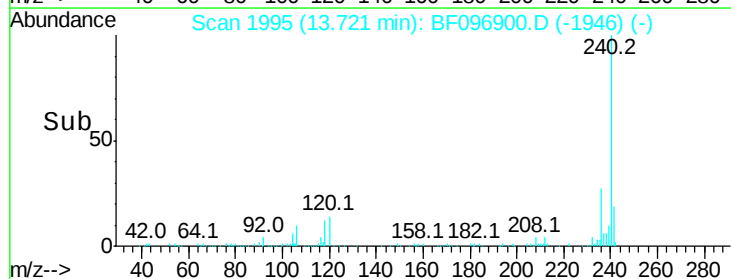
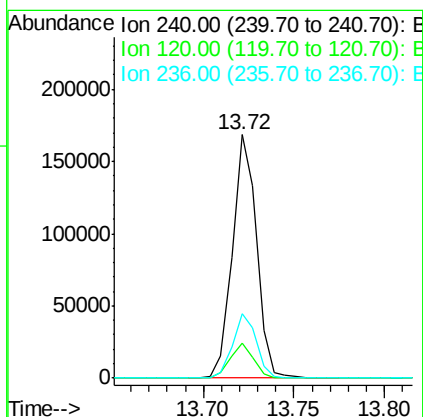
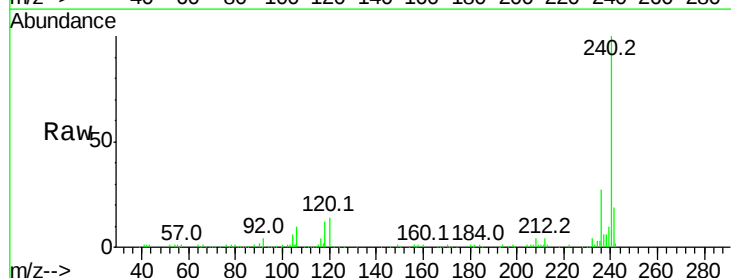
Instrument :
BNA_F
ClientSampleId :
NB-SB02B

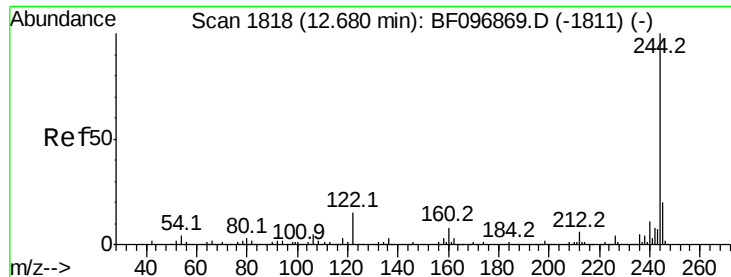
Tot Ion:188 Resp: 241428
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096900.D
Acq: 20 Jul 2017 11:02

Tgt Ion:240 Resp: 156222
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.6 20.5 30.7





#78

Terphenyl-d14

Concen: 64.573 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096900.D

Acq: 20 Jul 2017 11:02

Instrument :

BNA_F

ClientSampleId :

NB-SB02B

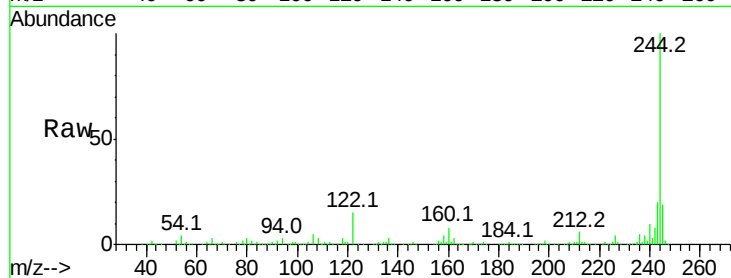
Tot Ion:244 Resp: 581674

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

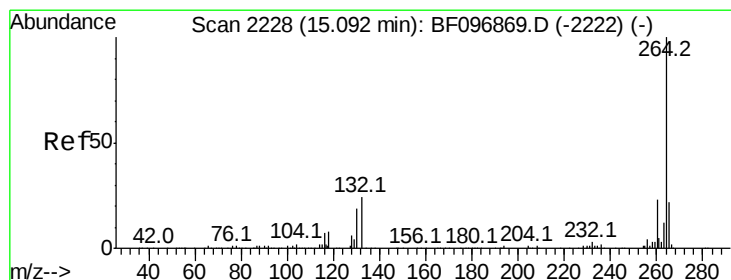
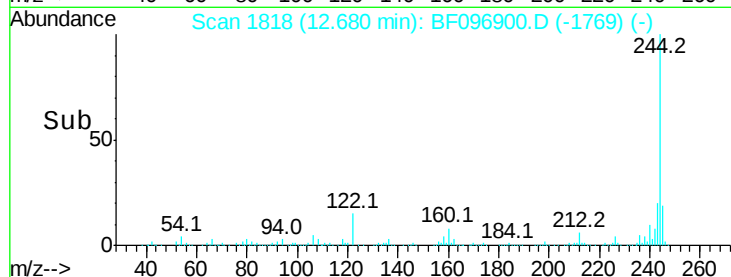
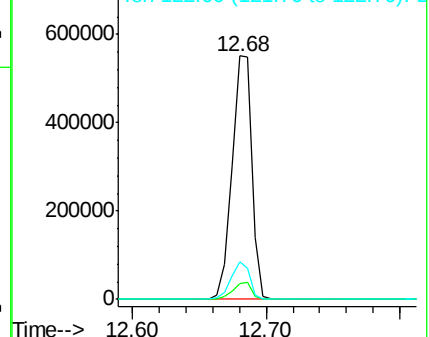
122 15.5 10.3 15.5



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: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096900.D

Acq: 20 Jul 2017 11:02

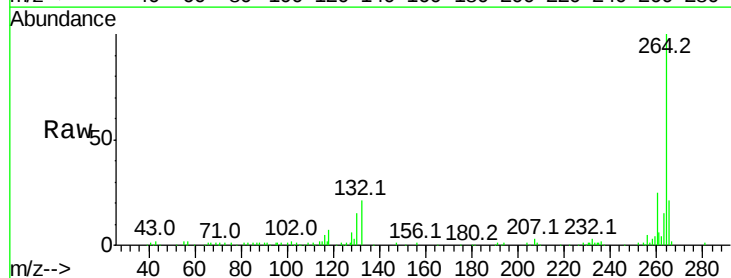
Tgt Ion:264 Resp: 108345

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 17.2 25.8



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

