

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096898.D
 Acq On : 20 Jul 2017 10:06
 Operator : SJ/JU
 Sample : I4245-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

Quant Time: Jul 20 16:00:05 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	85648	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	348568	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	160869	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	236008	20.00	ng	0.00
75) Chrysene-d12	13.72	240	171636	20.00	ng	-0.01
86) Perylene-d12	15.10	264	112539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	792860	139.19	ng	0.01
7) Phenol-d6	6.25	99	944252	138.14	ng	0.00
23) Nitrobenzene-d5	7.16	82	477862	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	171841	125.14	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	883434	86.76	ng	-0.01
78) Terphenyl-d14	12.69	244	626317	63.28	ng	0.00

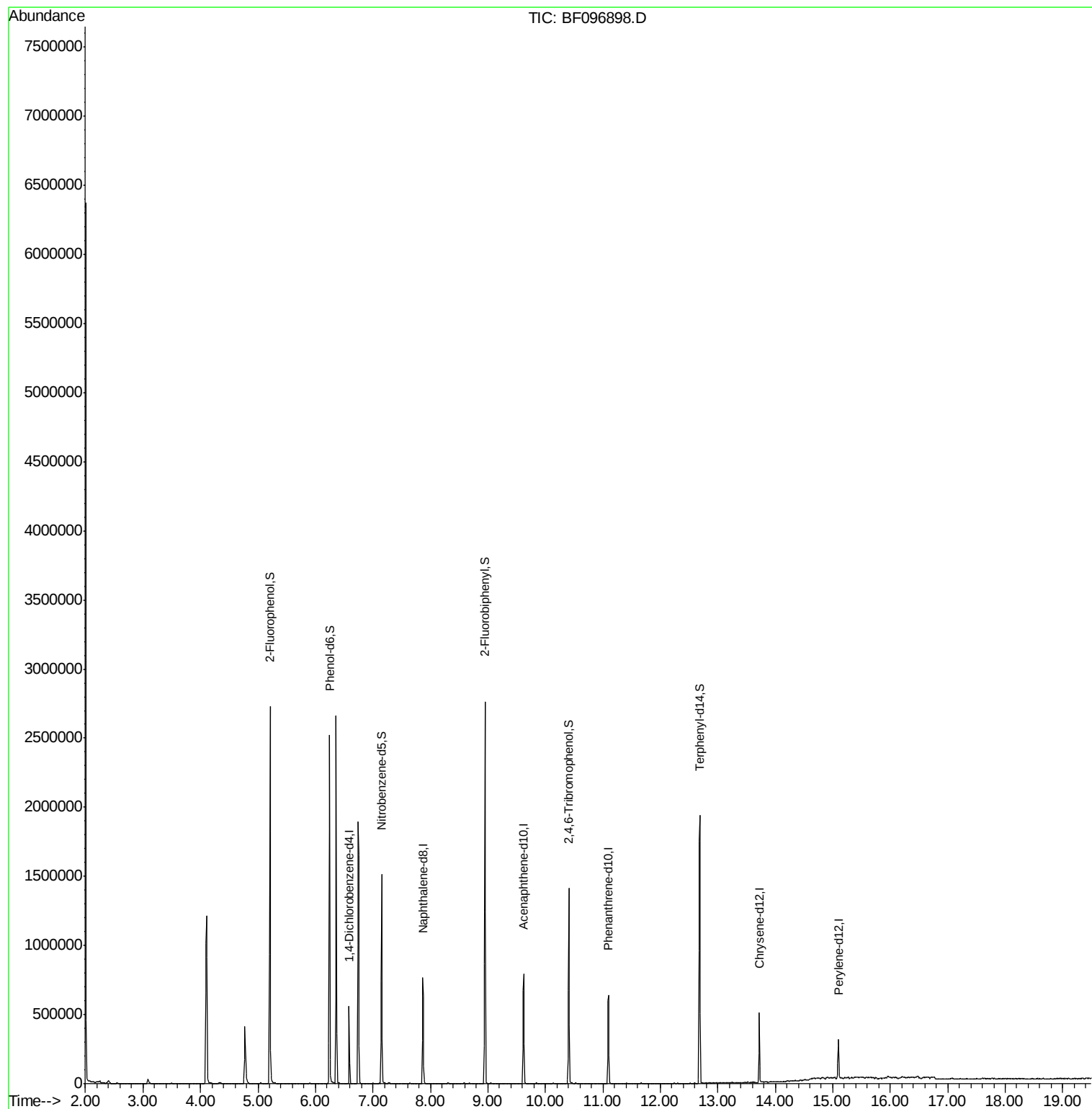
Target Compounds Qvalue

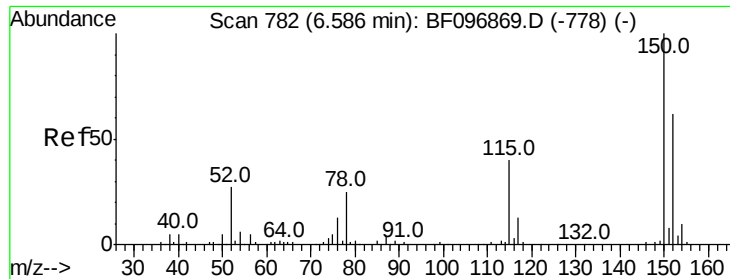
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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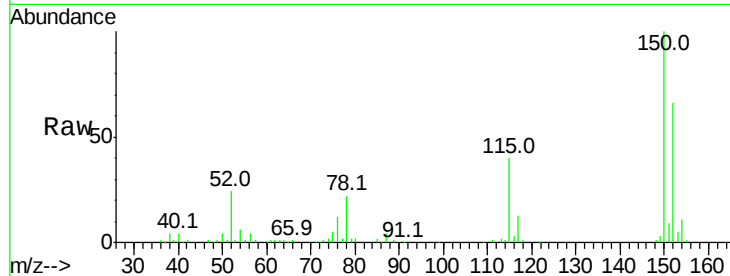


#1

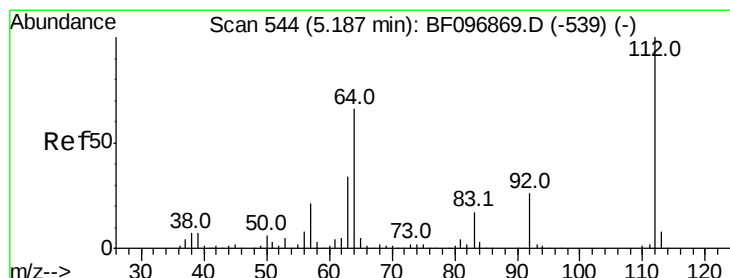
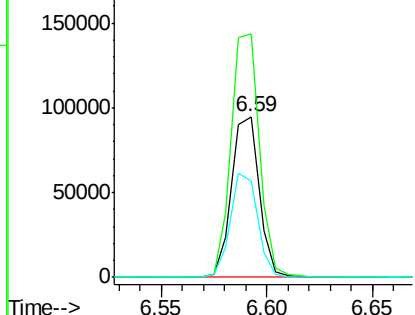
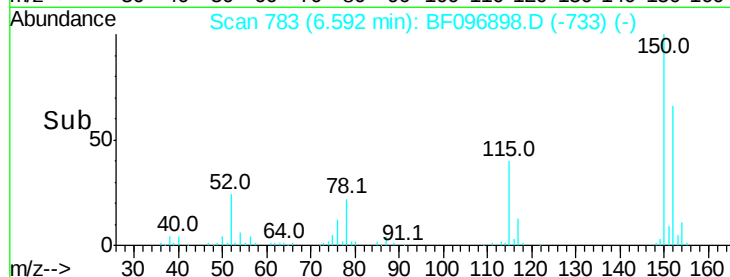
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.59 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

Tot Ion:152 Resp: 85648
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.2 189.2
 115 60.4 52.2 78.2



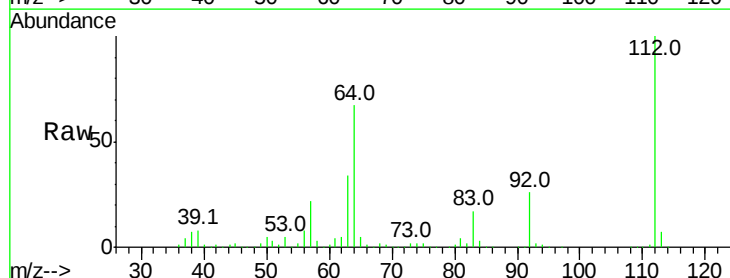
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



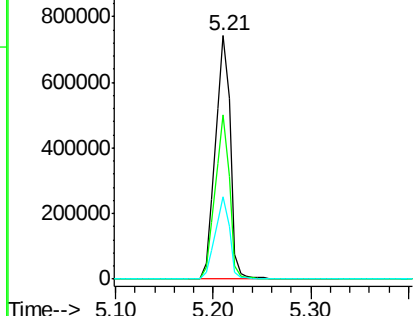
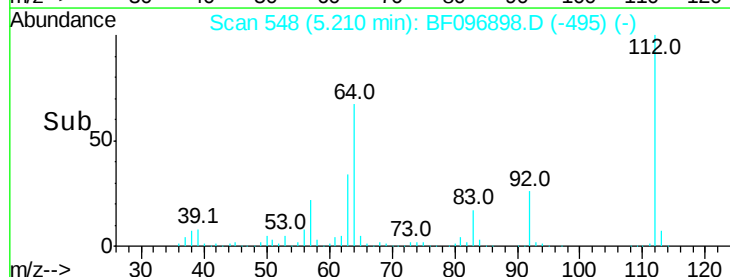
#5

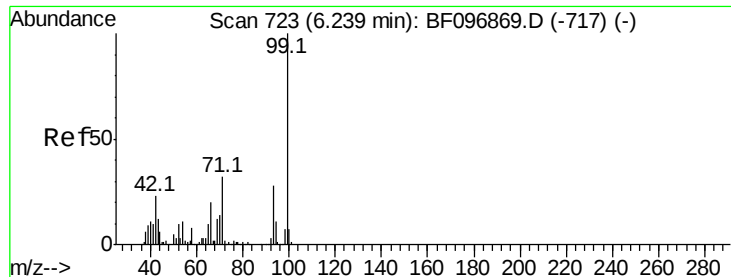
2-Fluorophenol
 Concen: 139.190 ng
 RT: 5.21 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Tgt Ion:112 Resp: 792860
 Ion Ratio Lower Upper
 112 100
 64 67.4 46.0 69.0
 63 33.8 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: 138.136 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampleId :

PL-01-071717-D

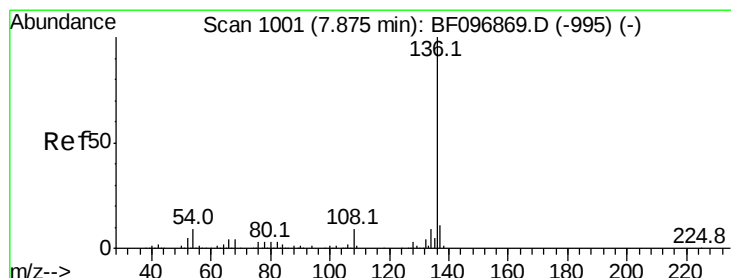
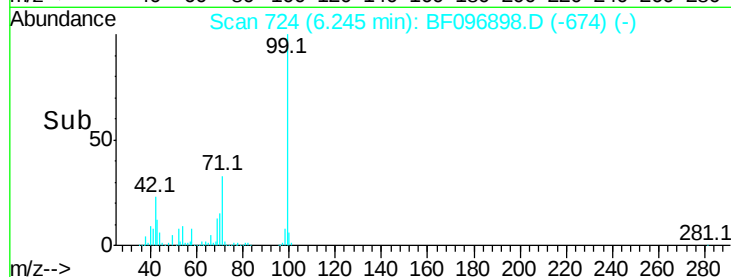
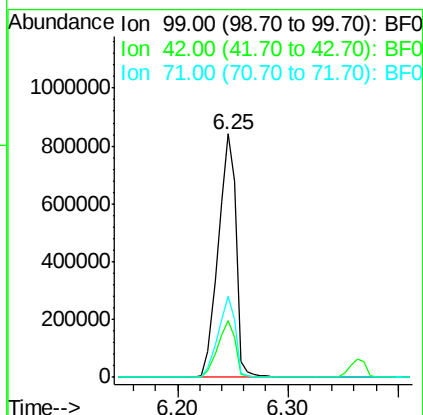
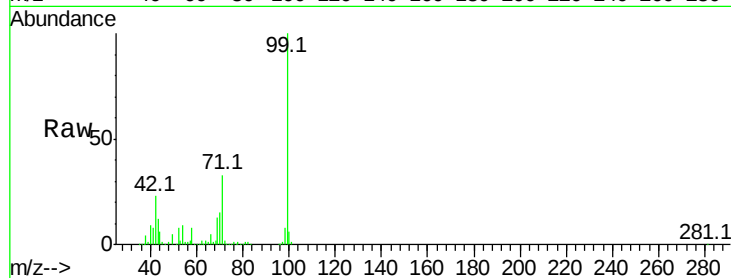
Tot Ion: 99 Resp: 944252

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

71 33.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Tgt Ion: 136 Resp: 348568

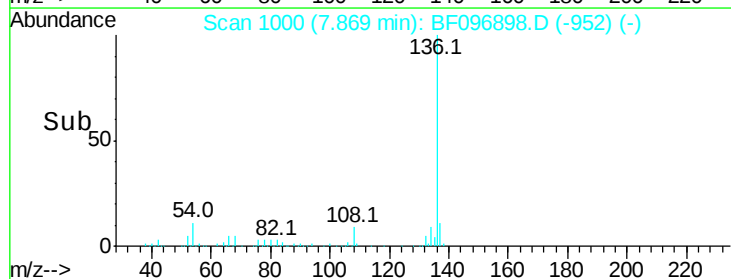
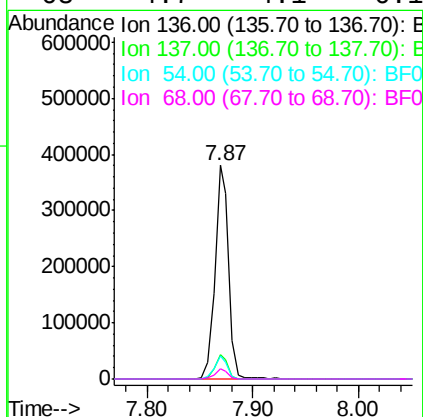
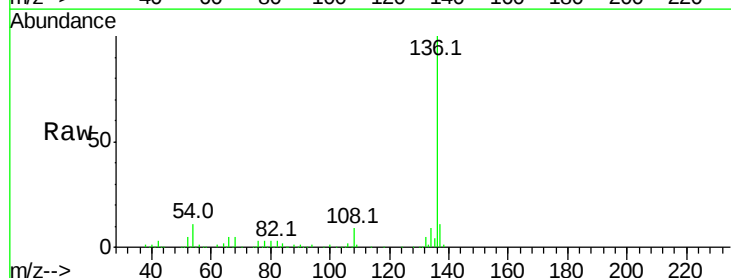
Ion Ratio Lower Upper

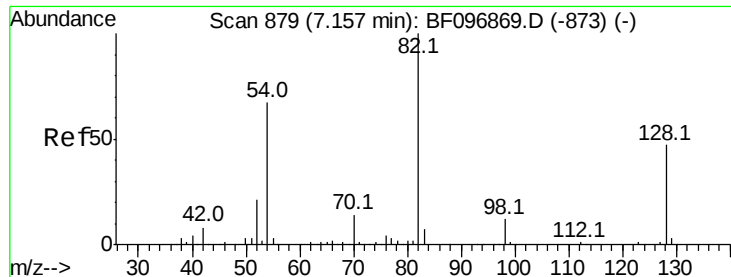
136 100

137 11.4 8.5 12.7

54 10.6 4.9 7.3#

68 4.7 4.1 6.1

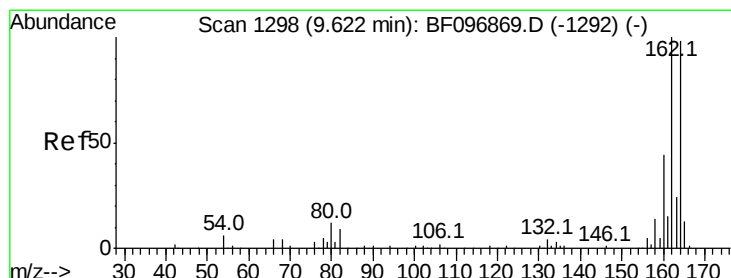
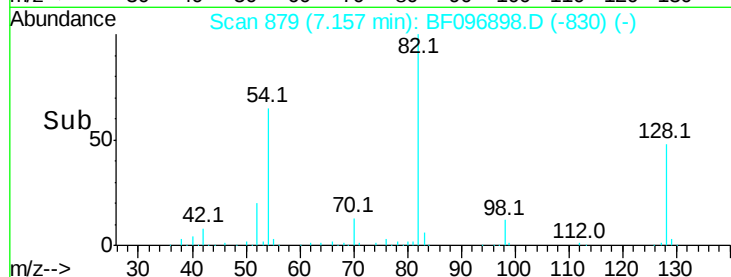
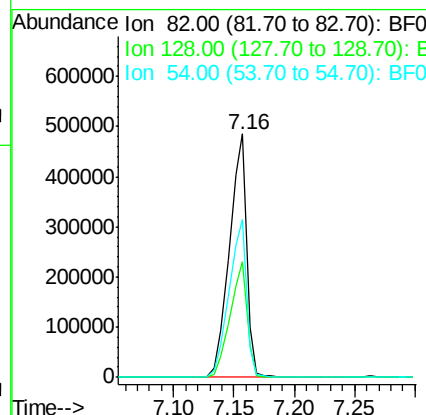
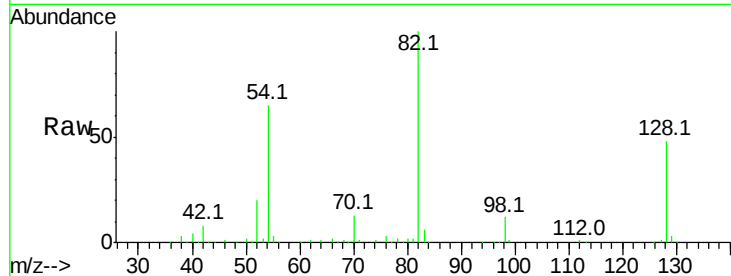




#23
Nitrobenzene-d5
Concen: 84.916 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

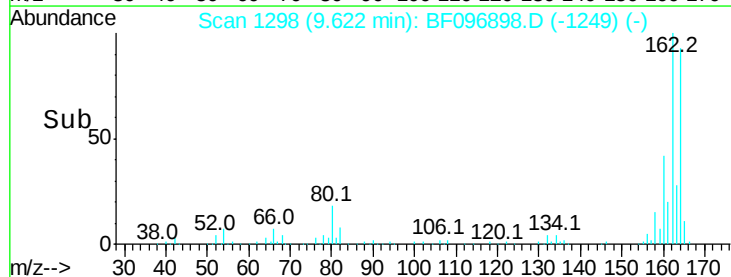
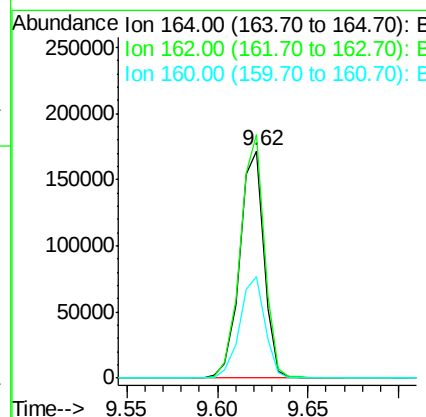
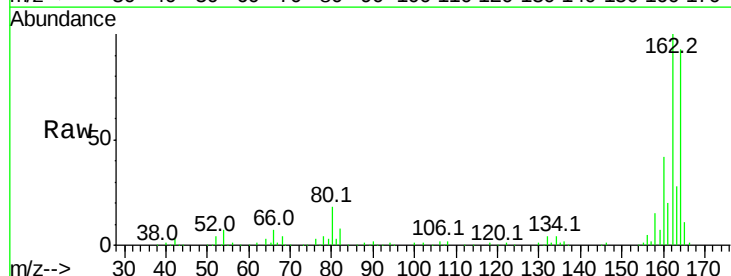
Instrument :
BNA_F
ClientSampleId :
PL-01-071717-D

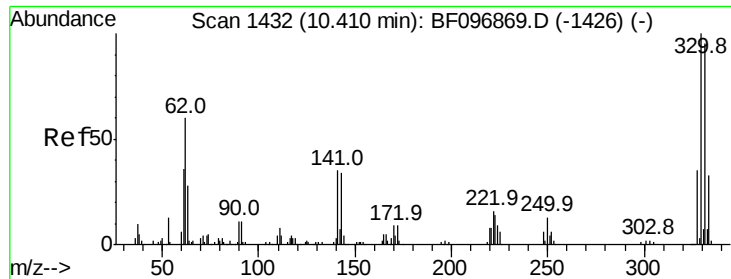
Tot Ion: 82 Resp: 477862
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 64.6 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

Tgt Ion:164 Resp: 160869
Ion Ratio Lower Upper
164 100
162 107.0 82.6 123.8
160 44.7 36.2 54.2

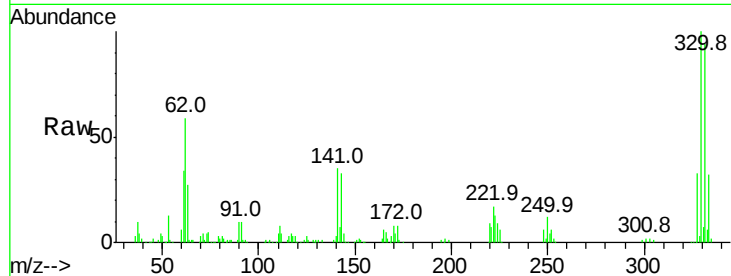




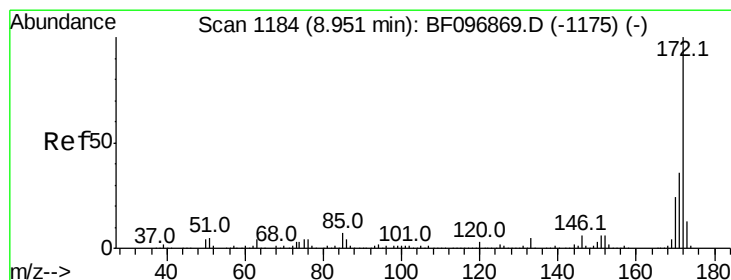
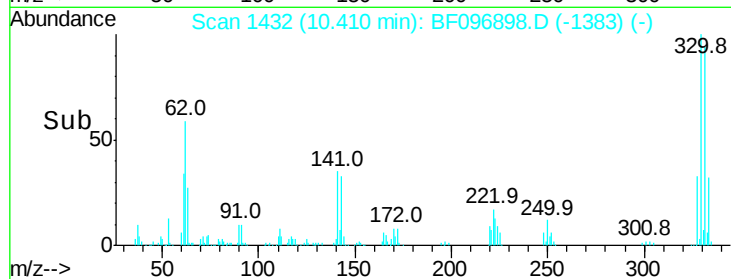
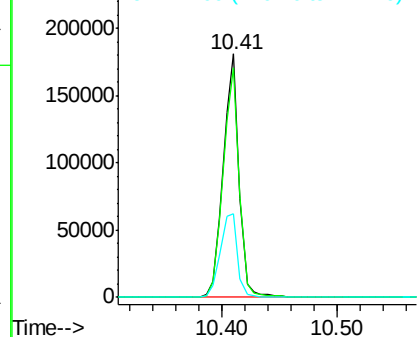
#41
 2,4,6-Tribromophenol
 Concen: 125.143 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.8	31.4	47.2

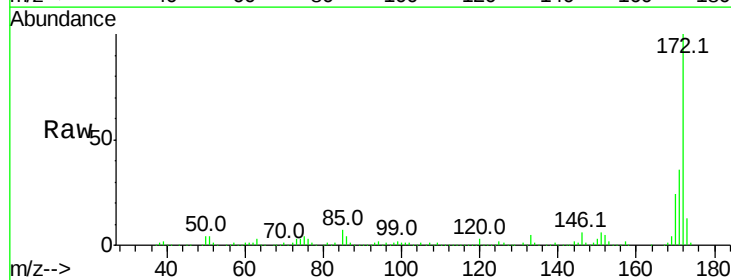


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

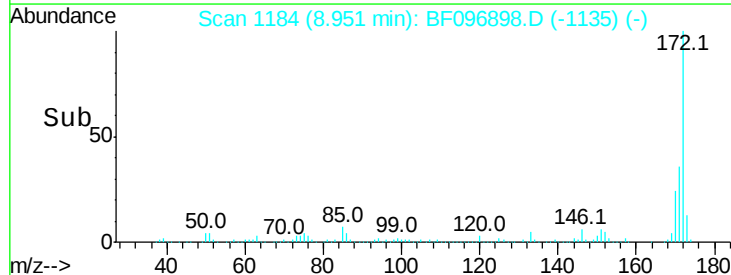
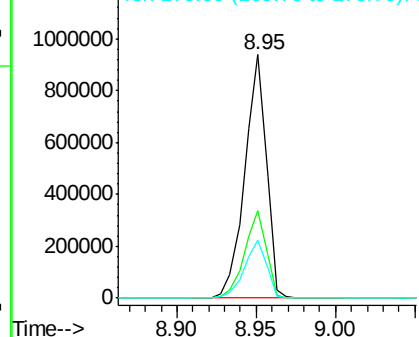


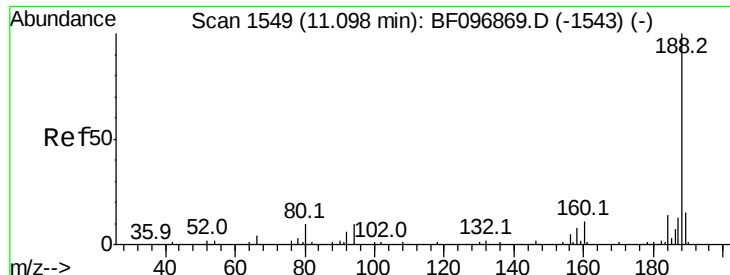
#44
 2-Fluorobiphenyl
 Concen: 86.764 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	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

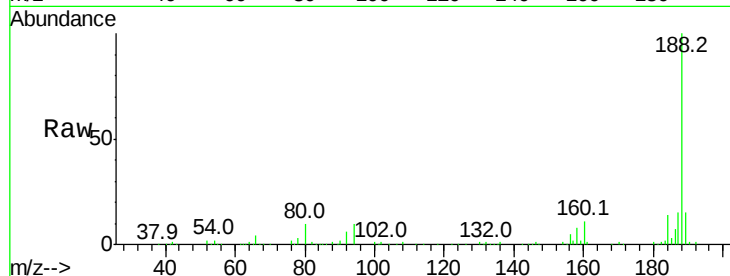




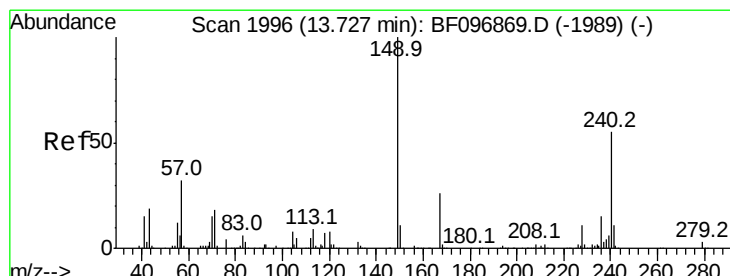
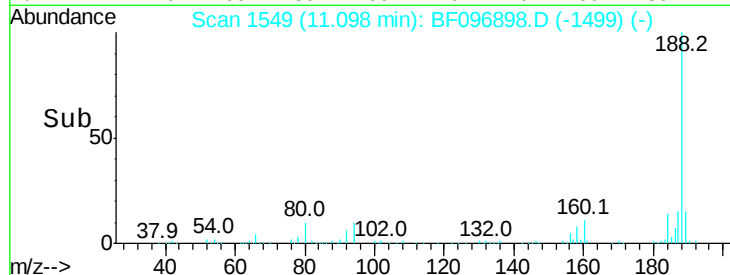
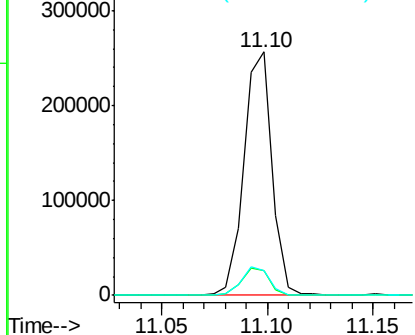
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

Tot Ion:188 Resp: 236008
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.0 10.2 15.2#

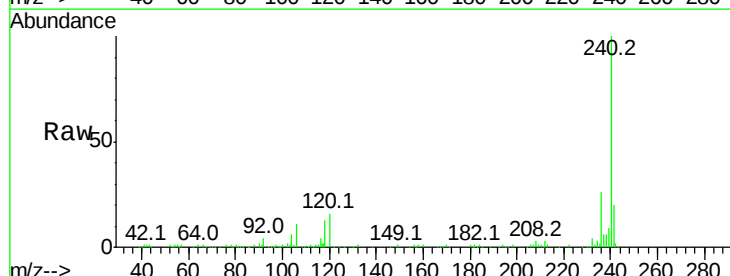


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

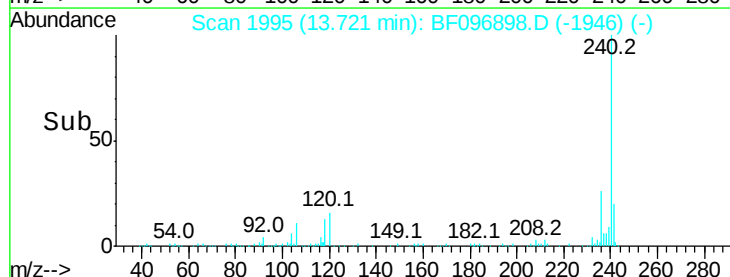
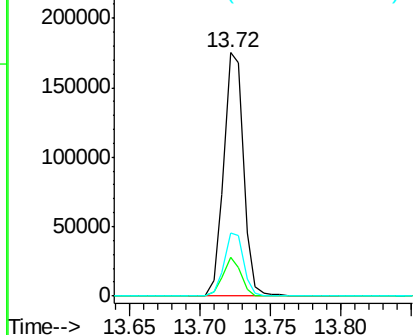


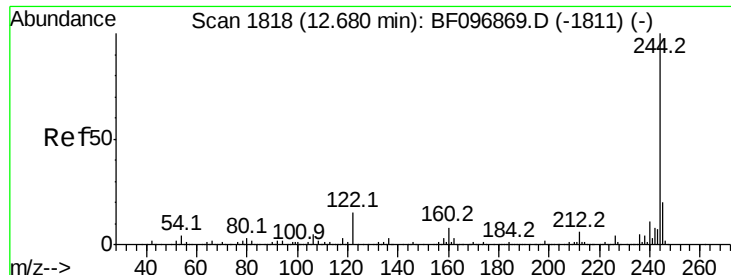
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Tgt Ion:240 Resp: 171636
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 26.2 20.5 30.7



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: 63.285 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

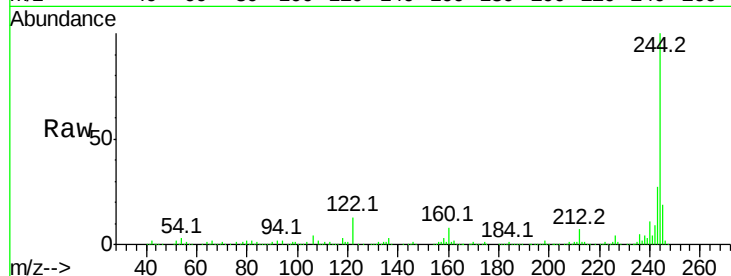
BNA_F

ClientSampleId :

PL-01-071717-D

Tot Ion:244 Resp: 626317

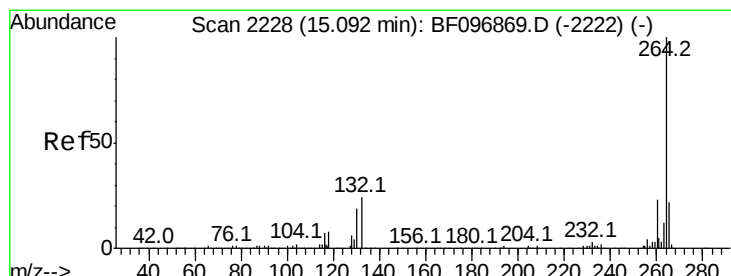
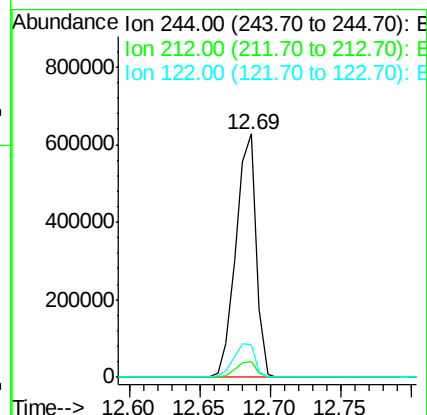
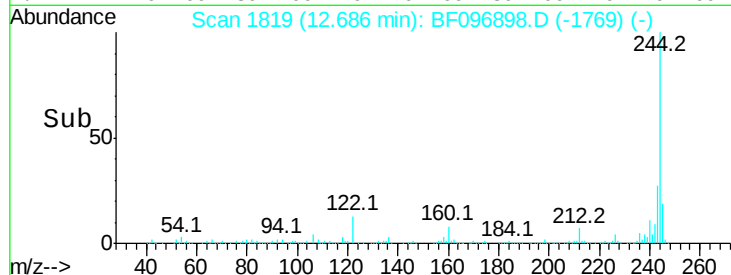
Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.4	10.3	15.5



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

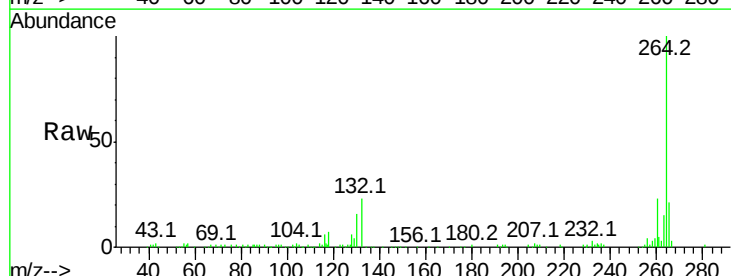
Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Tgt Ion:264 Resp: 112539

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.3	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

