

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096908.D
 Acq On : 20 Jul 2017 16:22
 Operator : SJ/JU
 Sample : PB100793BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

Quant Time: Jul 21 06:35:17 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	6.57	152	92092	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	419723	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	164066	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	327409	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	244692	20.00	ng	-0.04
86) Perylene-d12	15.07	264	154048	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	777864	127.00	ng	-0.02
7) Phenol-d6	6.22	99	970359	132.02	ng	-0.03
23) Nitrobenzene-d5	7.13	82	603987	89.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	208087	148.59	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	1066975	102.75	ng	-0.03
78) Terphenyl-d14	12.66	244	880223	62.39	ng	-0.03

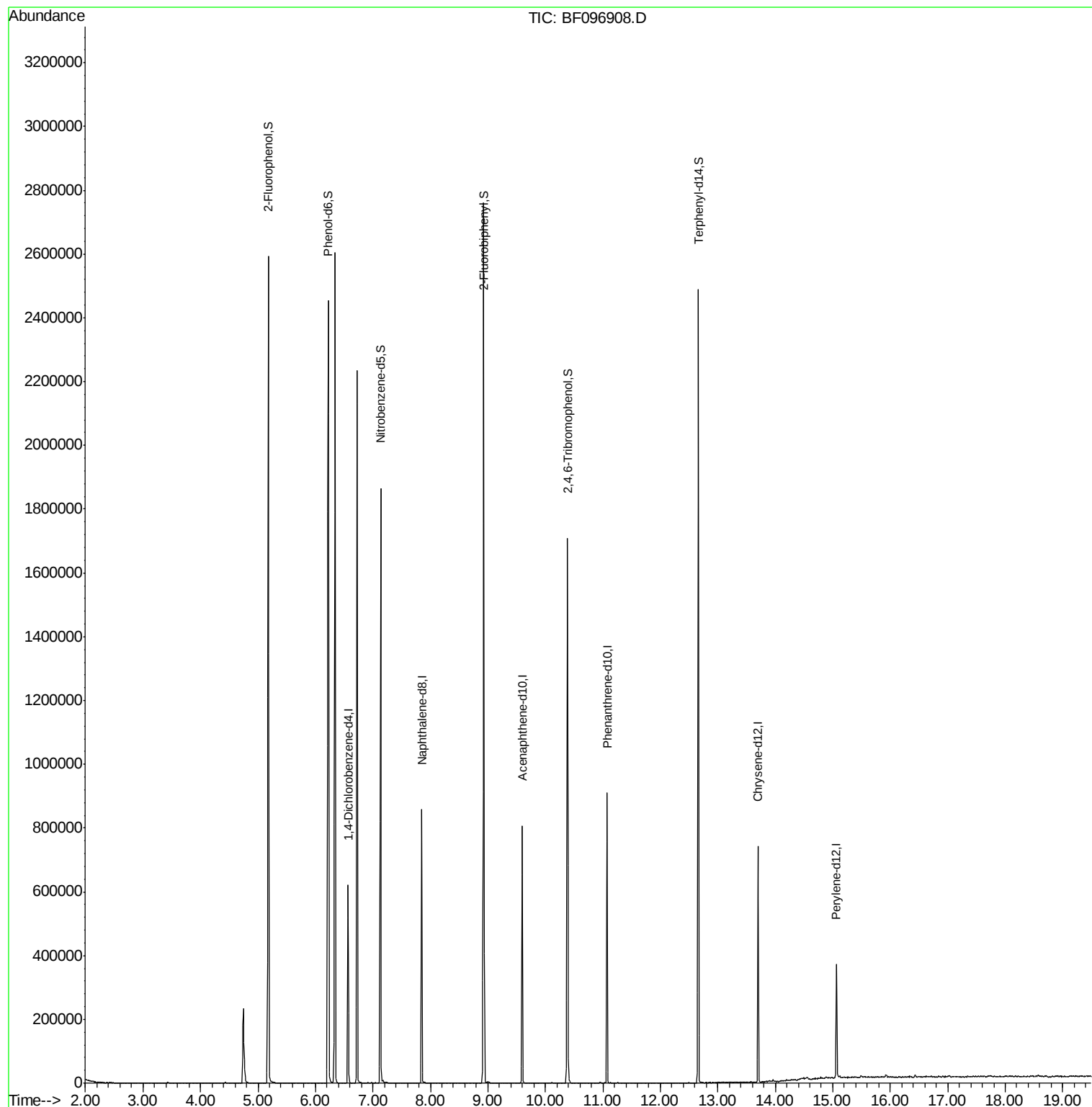
Target Compounds Qvalue

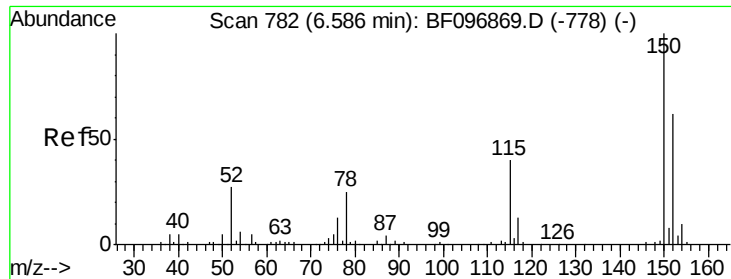
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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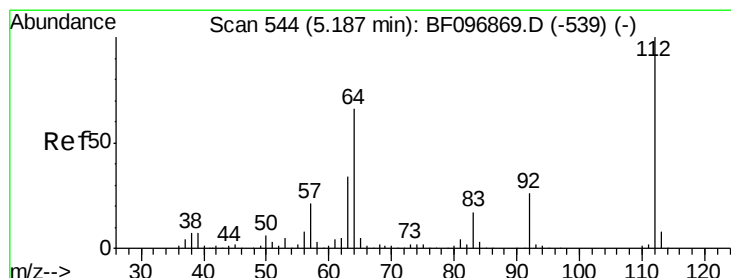
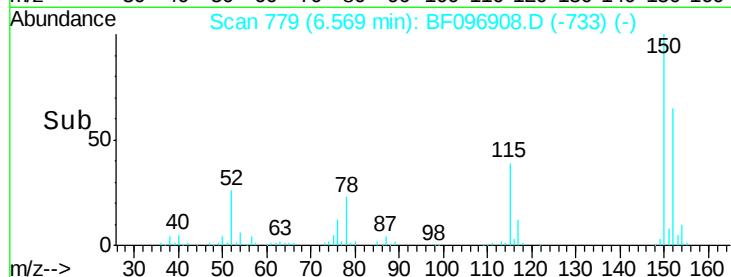
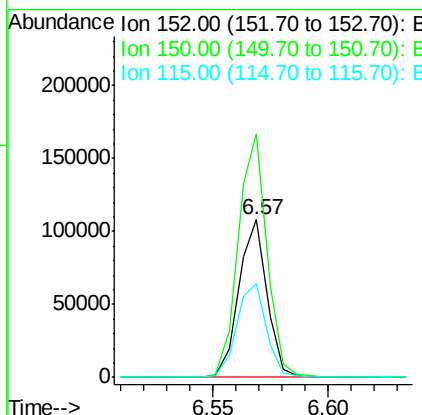
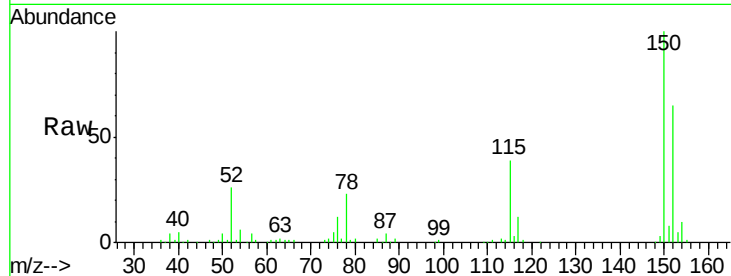


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB100793BL

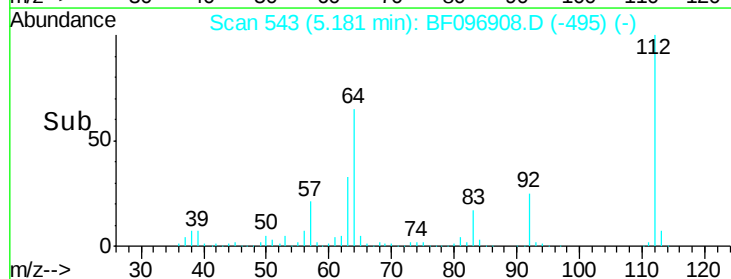
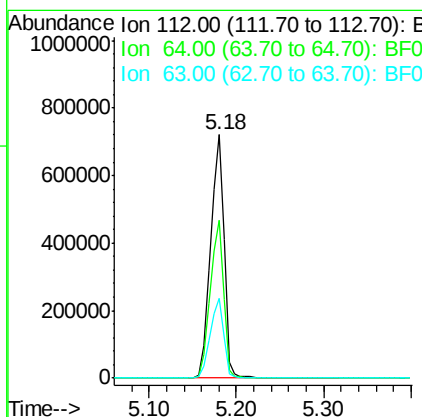
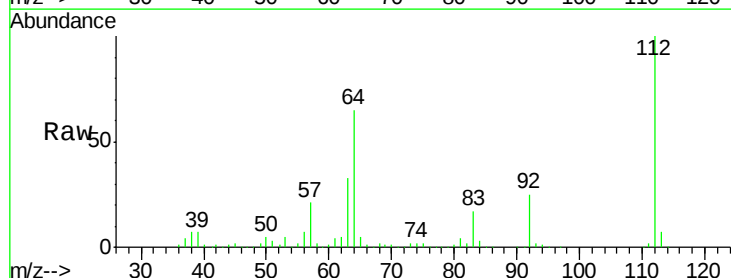
Tot Ion:152 Resp: 92092
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 59.8 52.2 78.2

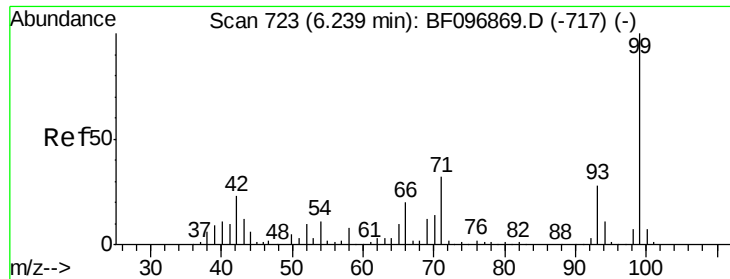


#5

2-Fluorophenol
Concen: 127.00 ng
RT: 5.18 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Tgt Ion:112 Resp: 777864
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 32.6 23.4 35.0





#7

Phenol-d6

Concen: 132.02 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

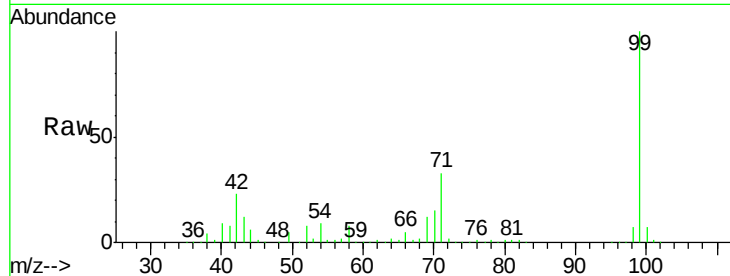
BNA_F

ClientSampleId :

PB100793BL

Tot Ion: 99 Resp: 970359

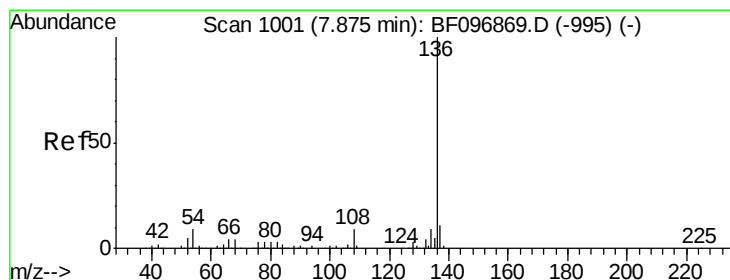
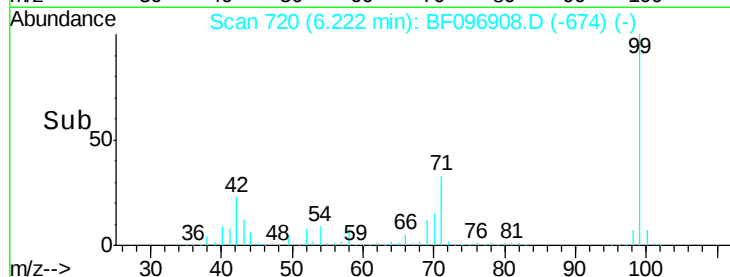
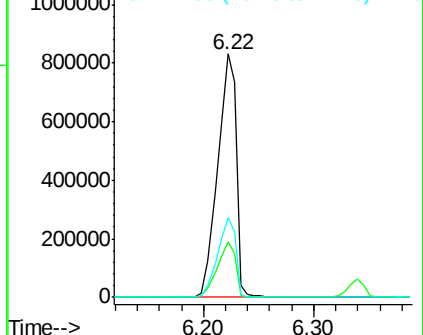
Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	33.0	24.5	36.7



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: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Tgt Ion: 136 Resp: 419723

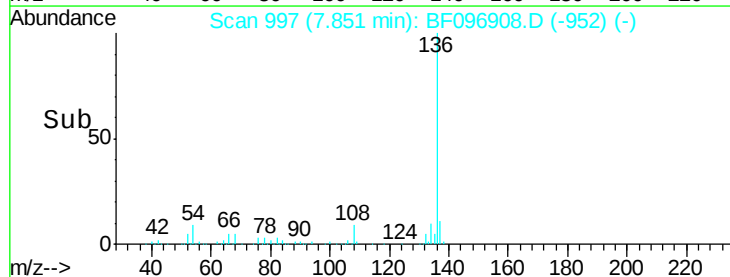
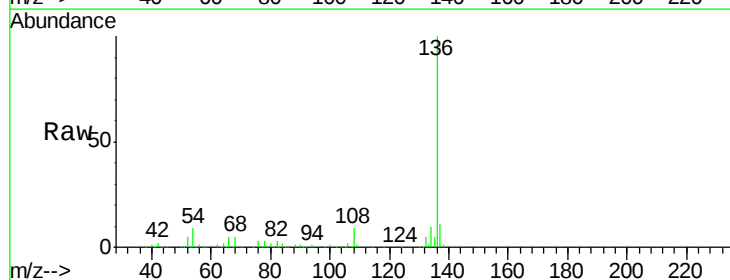
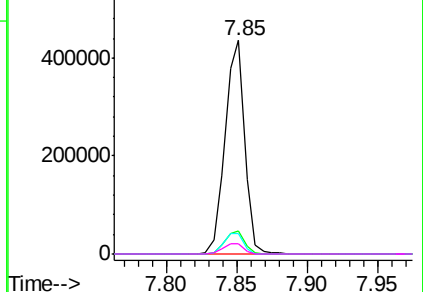
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.4	4.9	7.3#
68	4.8	4.1	6.1

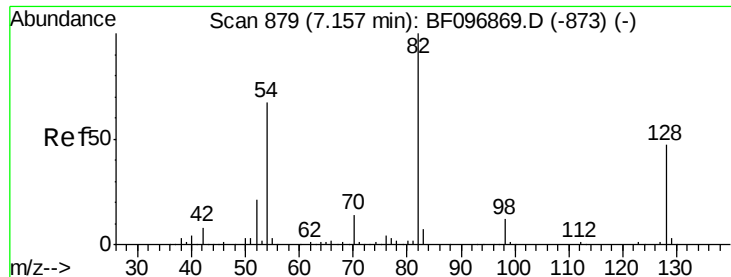
Abundance Ion 136.00 (135.70 to 136.70): E

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

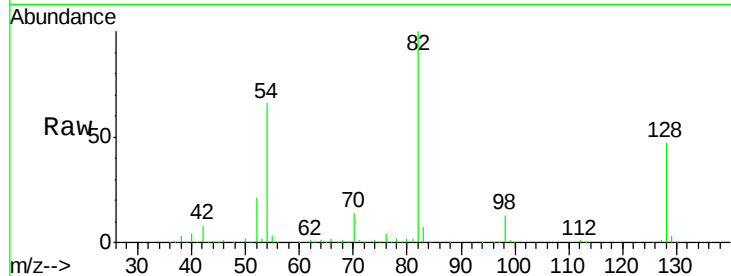




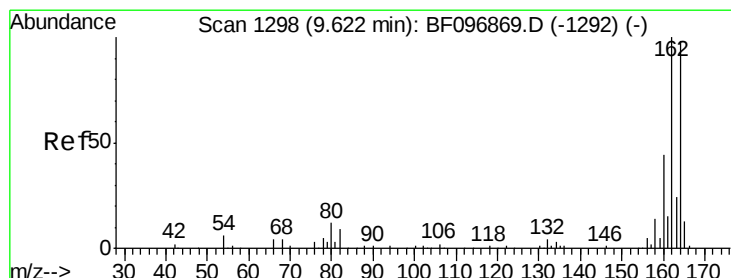
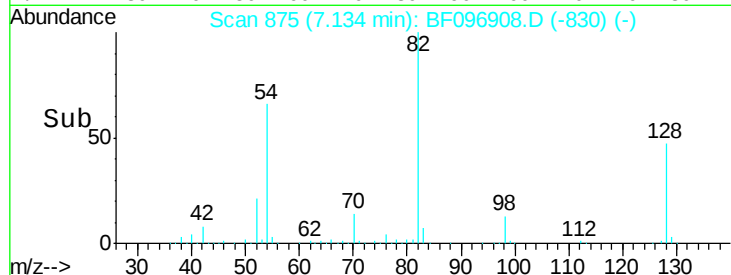
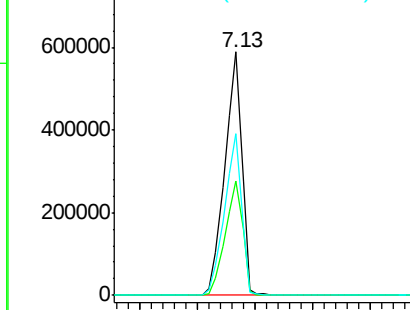
#23
 Nitrobenzene-d5
 Concen: 89.13 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

Tot Ion	82	Resp	603987
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	66.4	42.2	63.2

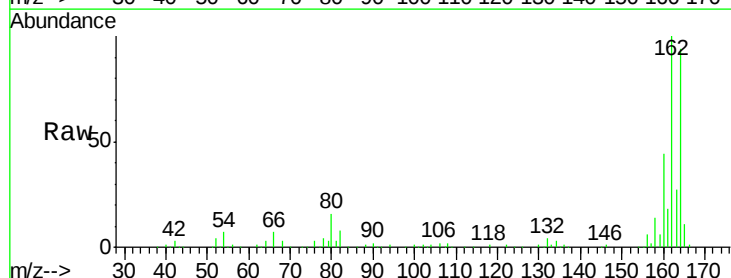


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

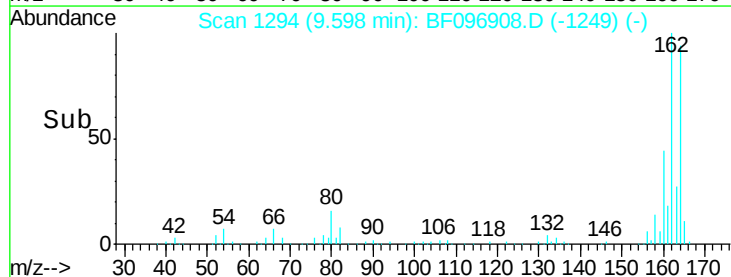
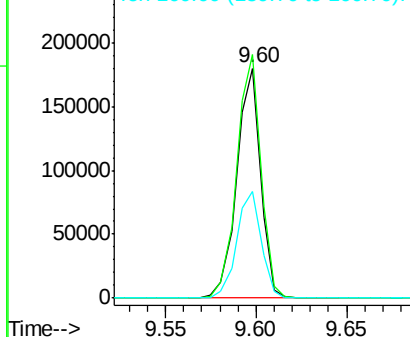


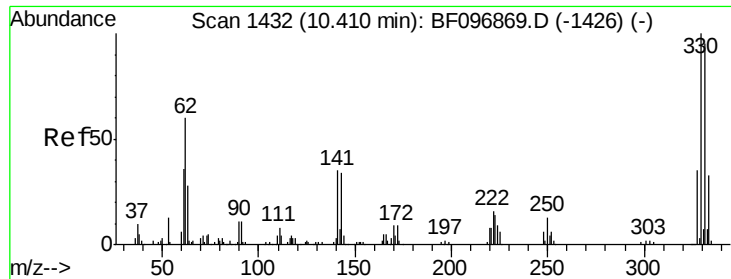
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion	164	Resp	164066
Ion Ratio	Lower	Upper	
164	100		
162	106.0	82.6	123.8
160	46.3	36.2	54.2



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

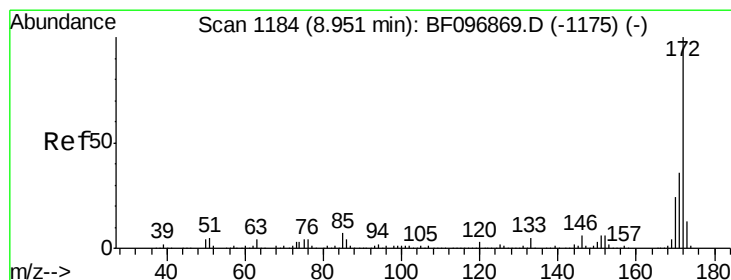
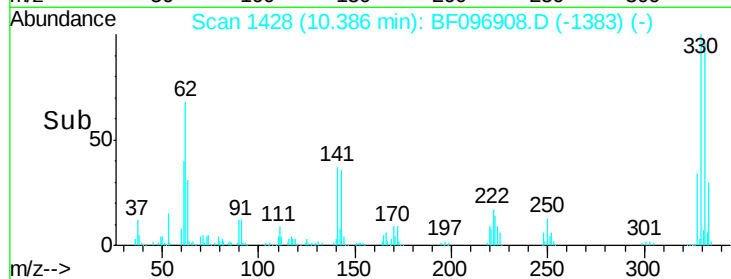
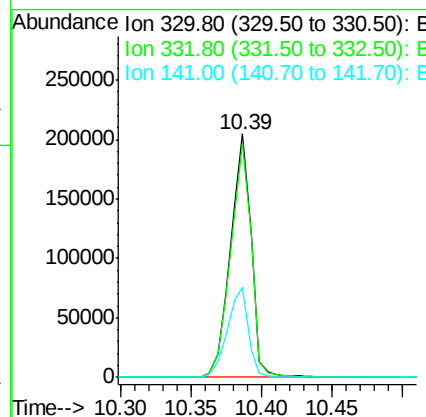
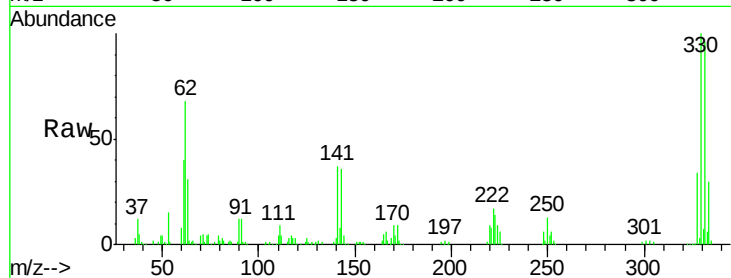




#41
 2,4,6-Tribromophenol
 Concen: 148.59 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

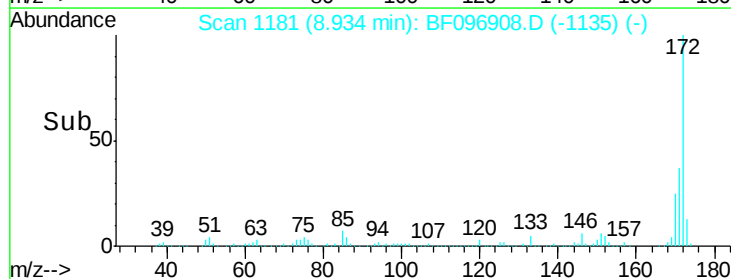
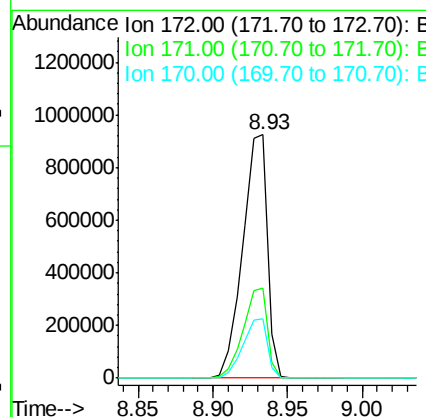
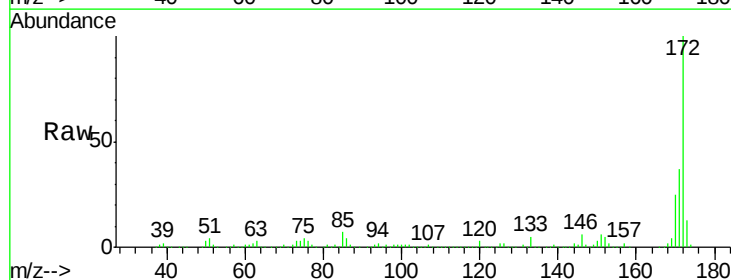
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

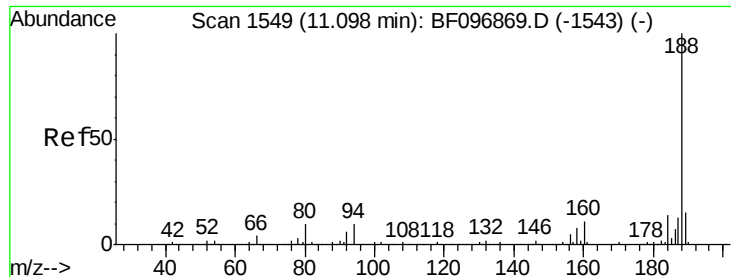
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	37.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 102.75 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.6	19.8	29.8

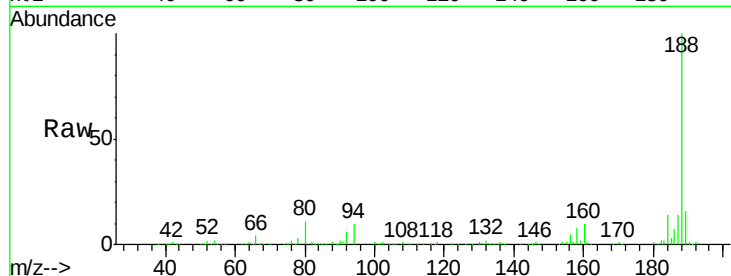




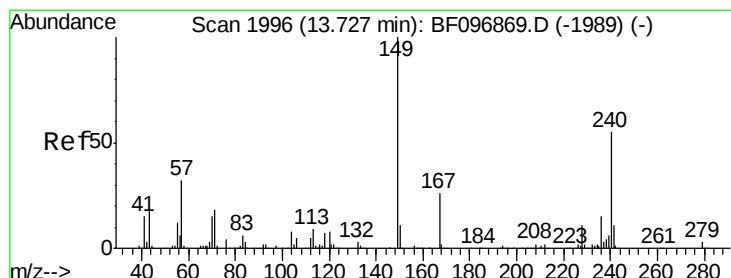
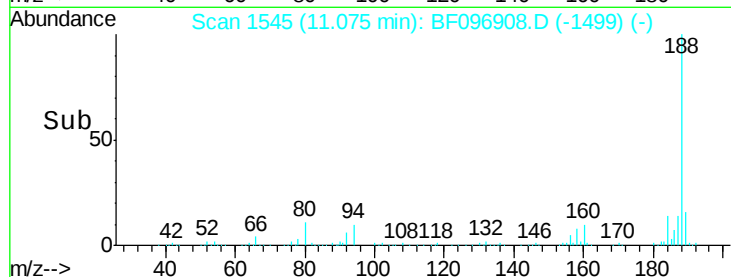
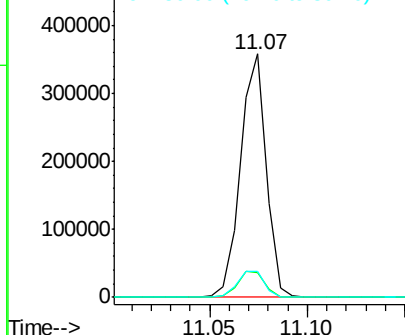
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB100793BL

Tot Ion:188 Resp: 327409
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.6 10.2 15.2

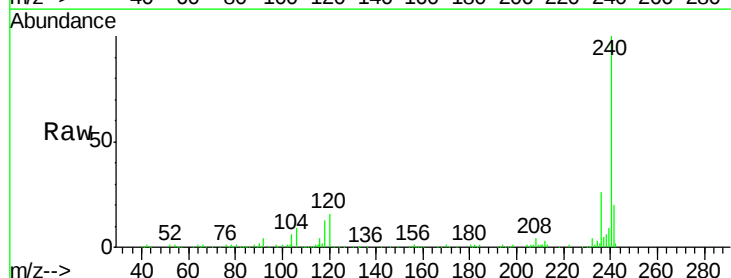


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

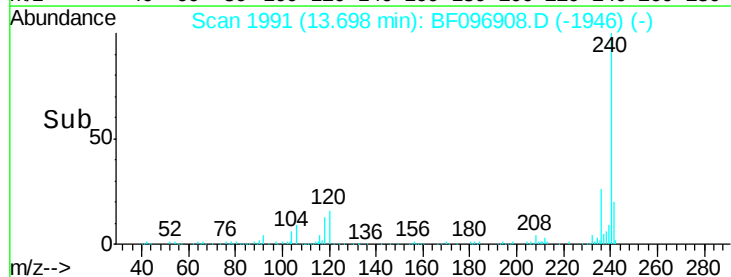
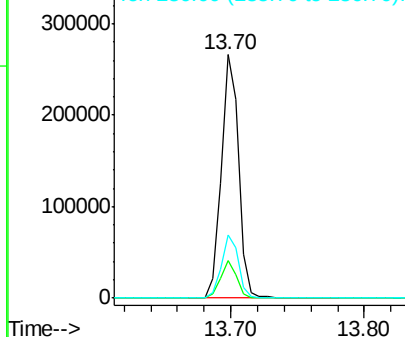


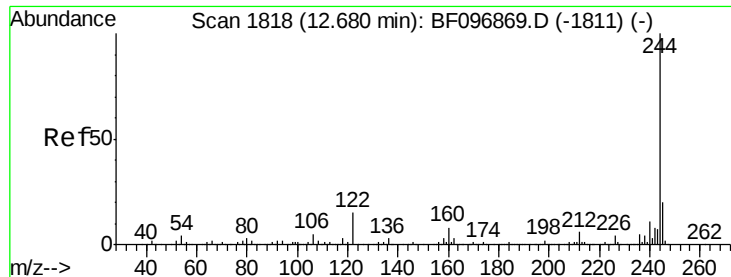
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Tgt Ion:240 Resp: 244692
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 26.0 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

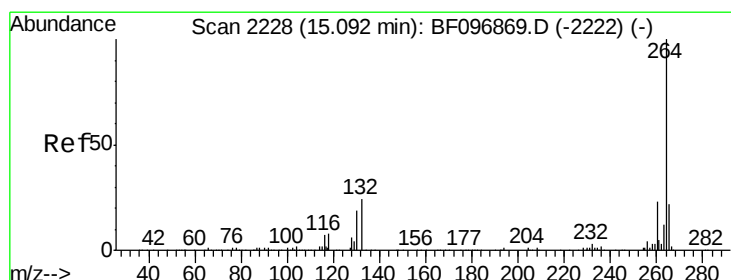
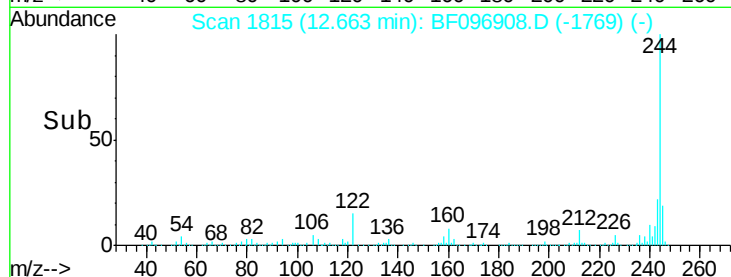
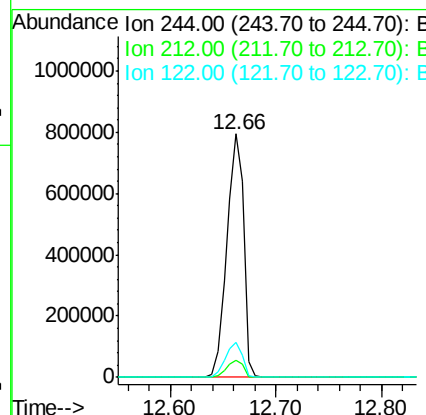
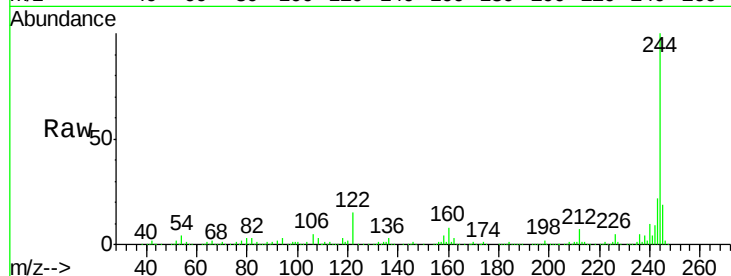




#78
 Terphenyl-d14
 Concen: 62.39 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

Tot Ion:244 Resp: 880223
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion:264 Resp: 154048
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.2 25.8

