

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096917.D
 Acq On : 20 Jul 2017 20:37
 Operator : SJ/JU
 Sample : I4312-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Time: Jul 21 07:39:42 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

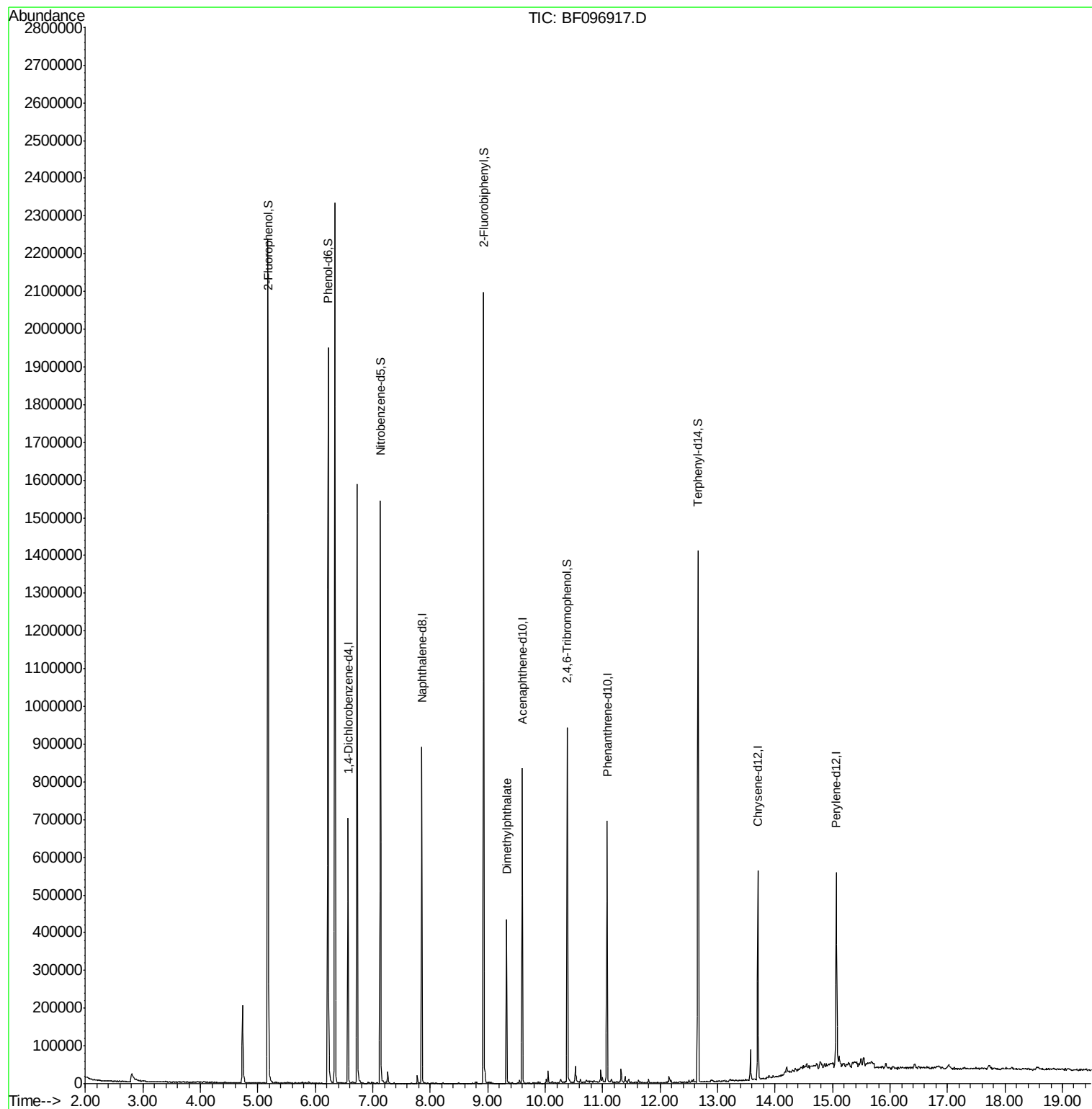
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	95901	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	382289	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	154945	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	234818	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	178607	20.00	ng	-0.04
86) Perylene-d12	15.07	264	203841	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	624280	97.88	ng	-0.02
7) Phenol-d6	6.22	99	711563	92.97	ng	-0.03
23) Nitrobenzene-d5	7.13	82	444416	72.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	111462	84.28	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	709424	72.34	ng	-0.04
78) Terphenyl-d14	12.66	244	434715	42.21	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.33	163	170673	14.629	ng	99

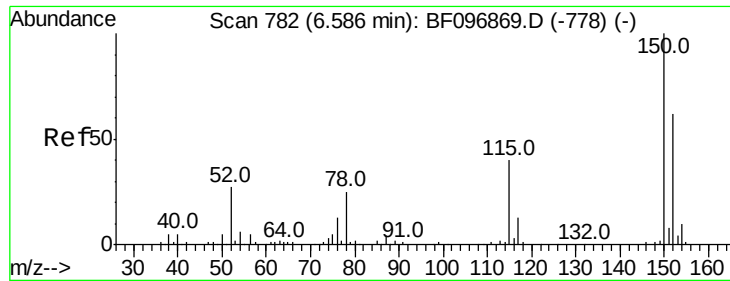
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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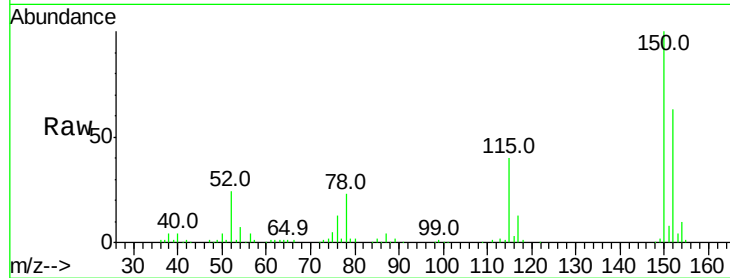


#1

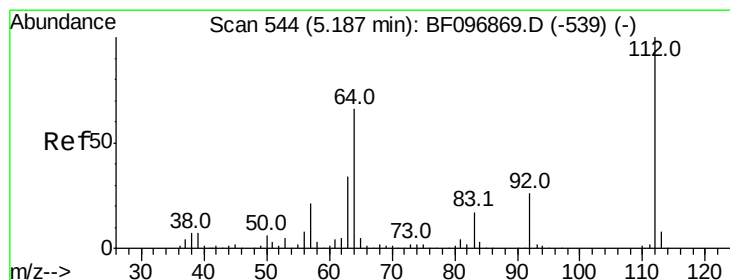
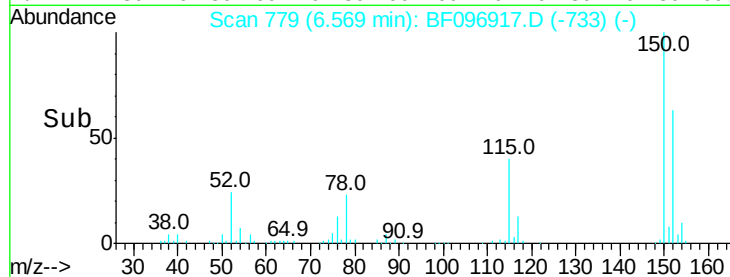
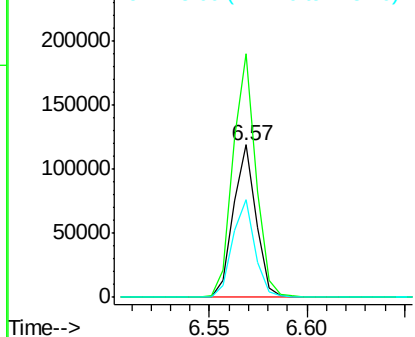
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096917.D
Acq: 20 Jul 2017 20:37

Instrument :
BNA_F
ClientSampleId :
72-11978

Tot Ion:152 Resp: 95901
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 63.8 52.2 78.2



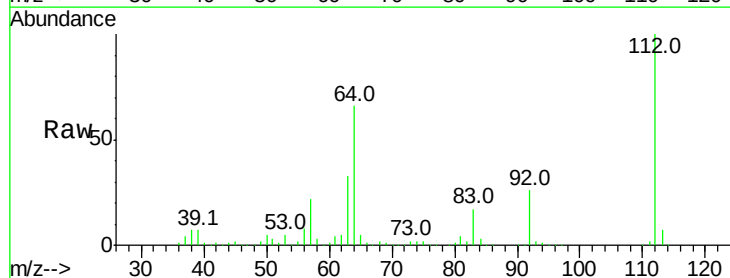
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



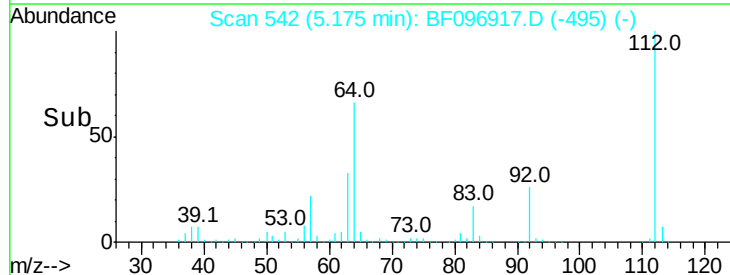
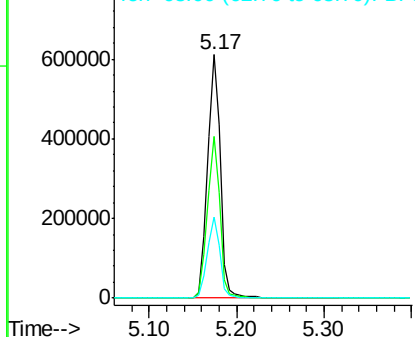
#5

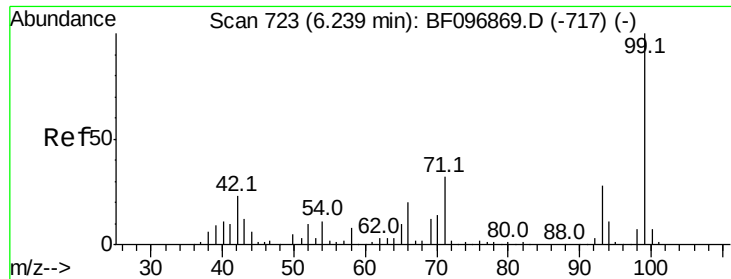
2-Fluorophenol
Concen: 97.878 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096917.D
Acq: 20 Jul 2017 20:37

Tgt Ion:112 Resp: 624280
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 33.4 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: 92.966 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Instrument :

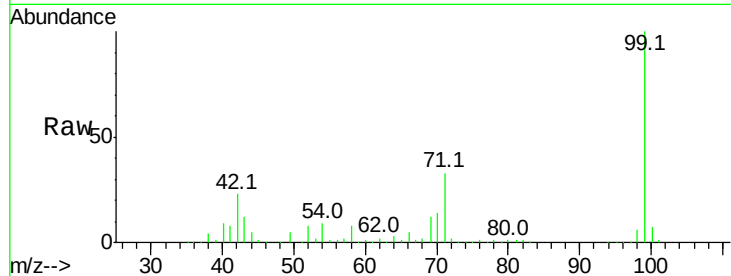
BNA_F

ClientSampleId :

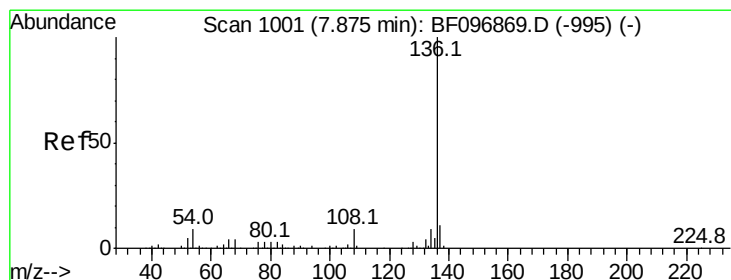
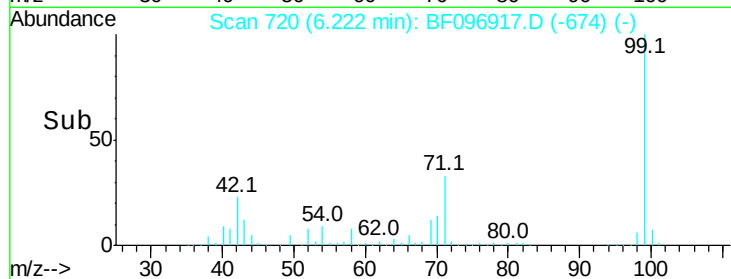
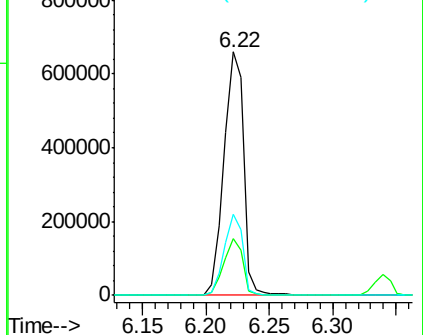
72-11978

Tot Ion: 99 Resp: 711563

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	33.2	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: 7.85 min Scan# 997

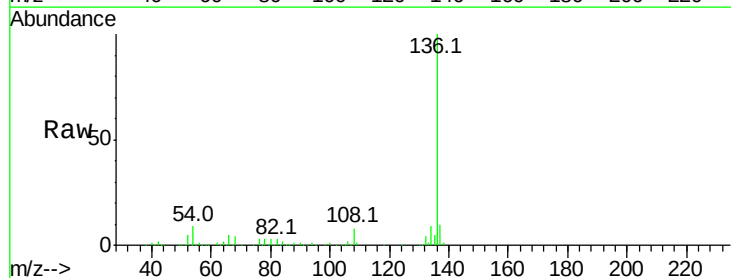
Delta R.T. -0.04 min

Lab File: BF096917.D

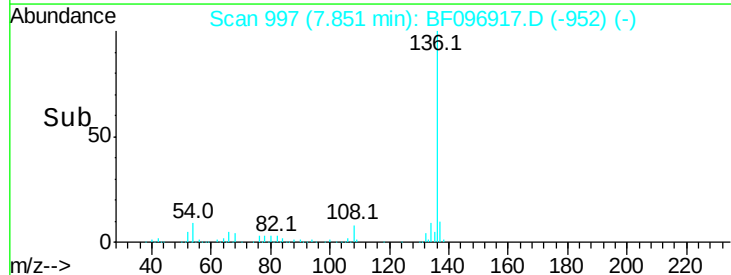
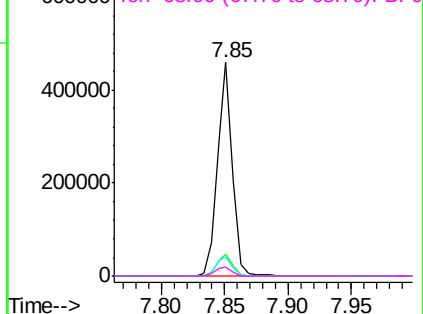
Acq: 20 Jul 2017 20:37

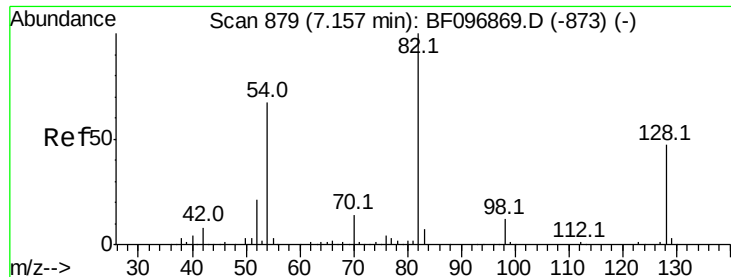
Tgt Ion: 136 Resp: 382289

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.2	4.9	7.3#
68	4.3	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

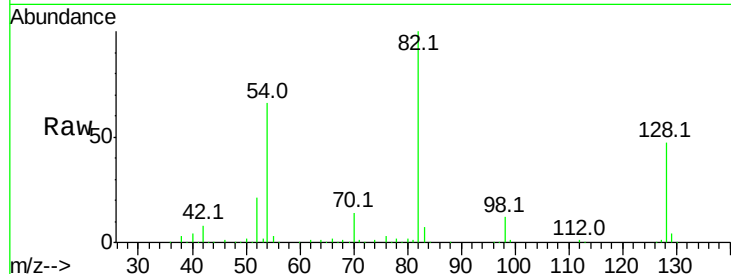




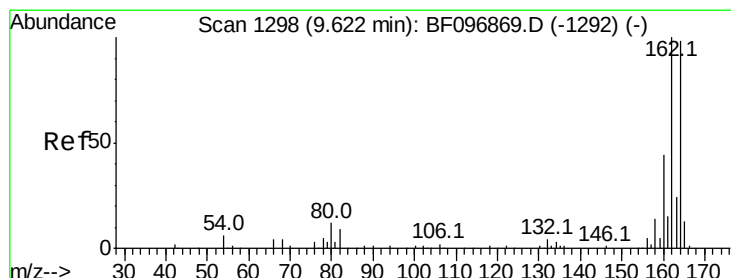
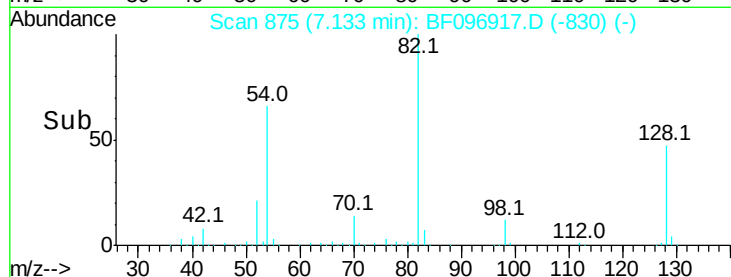
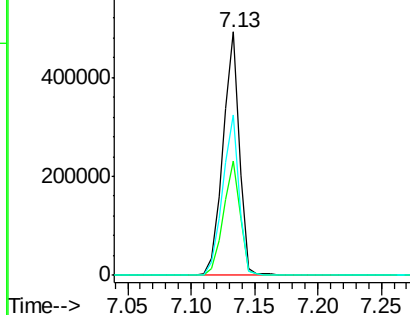
#23
 Nitrobenzene-d5
 Concen: 72.007 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion: 82 Resp: 444416
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 65.9 42.2 63.2#

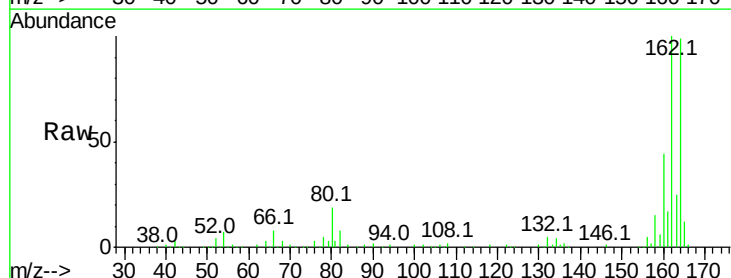


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

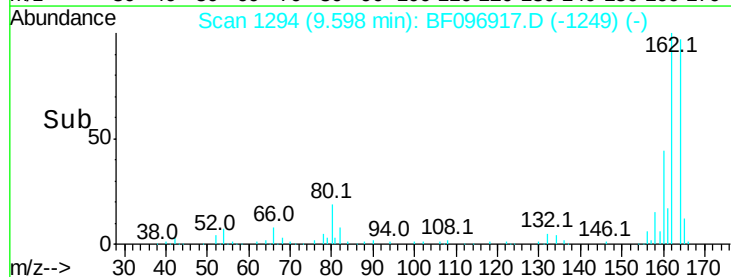
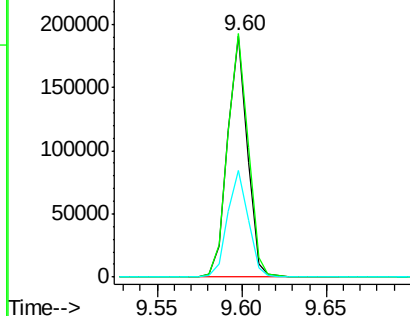


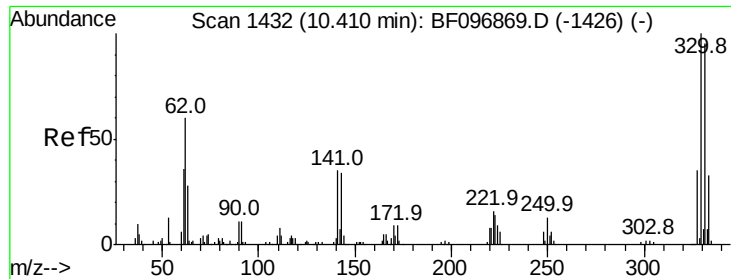
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:164 Resp: 154945
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 44.2 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

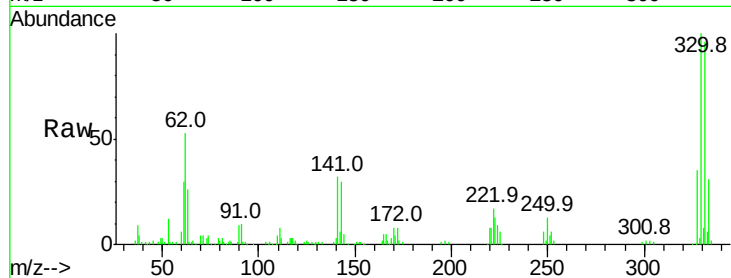




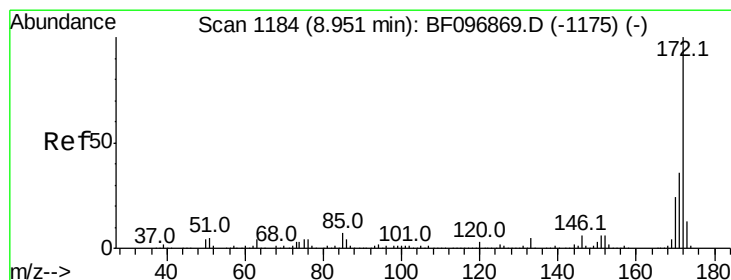
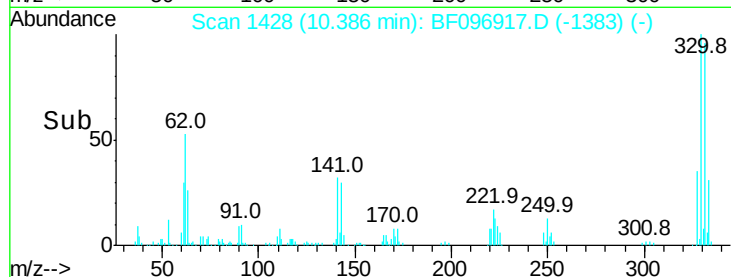
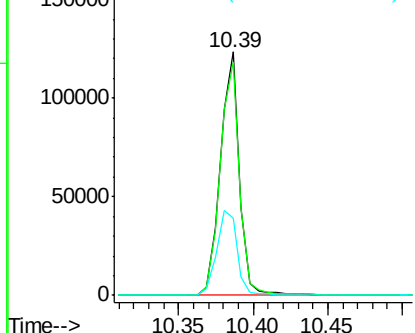
#41
 2,4,6-Tribromophenol
 Concen: 84.276 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion:330 Resp: 111462
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 37.5 31.4 47.2

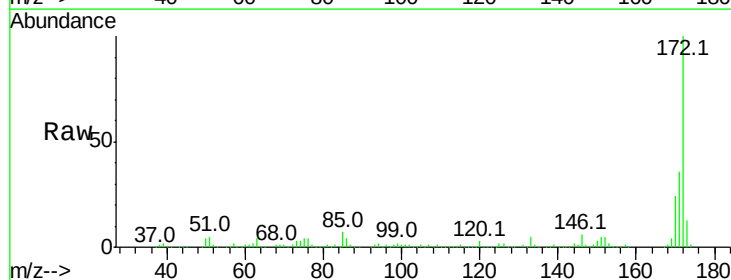


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

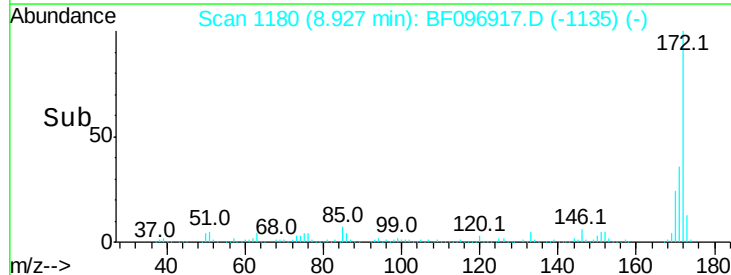
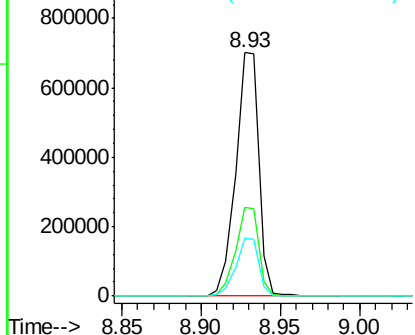


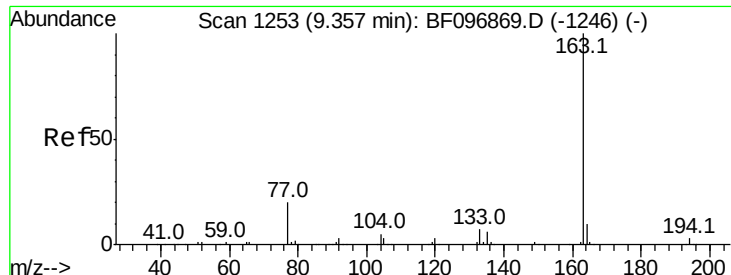
#44
 2-Fluorobiphenyl
 Concen: 72.338 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:172 Resp: 709424
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 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





#49

Dimethylphthalate

Concen: 14.629 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Instrument :

BNA_F

ClientSampled :

72-11978

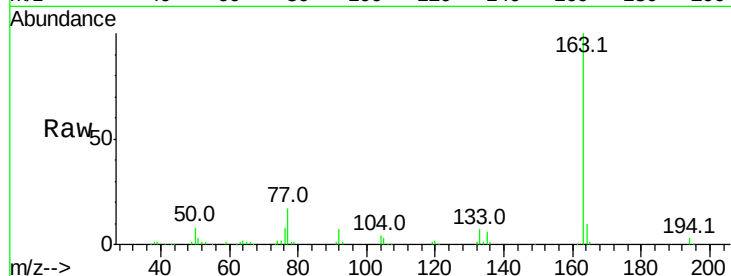
Tot Ion:163 Resp: 170673

Ion Ratio Lower Upper

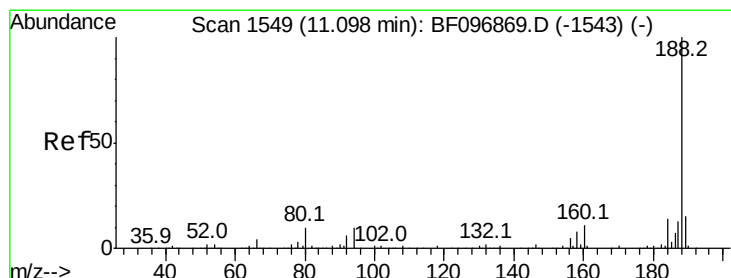
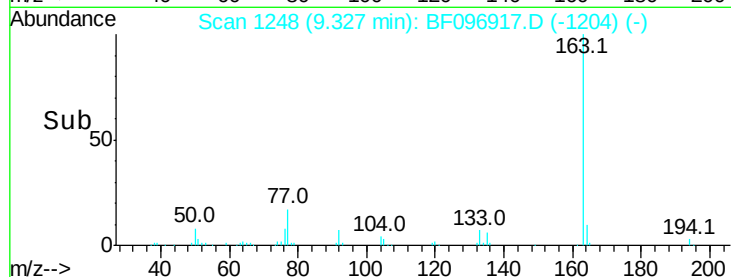
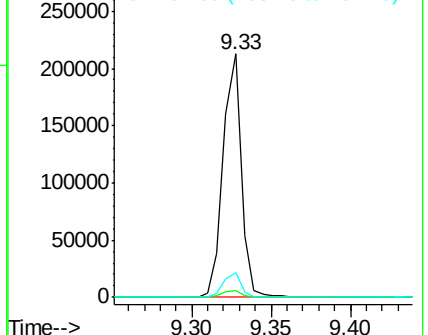
163 100

194 3.0 2.6 4.0

164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

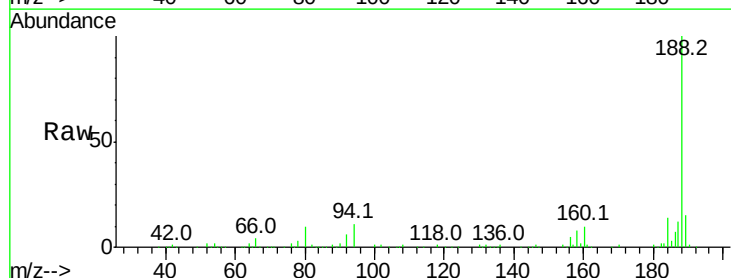
Tgt Ion:188 Resp: 234818

Ion Ratio Lower Upper

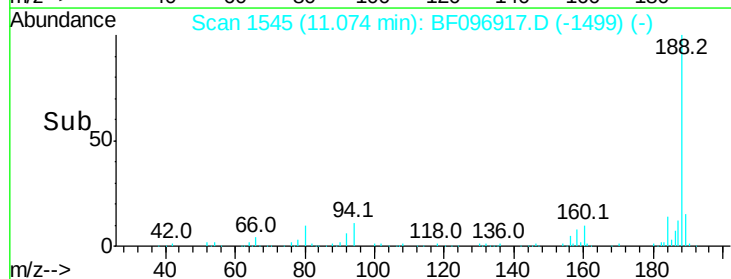
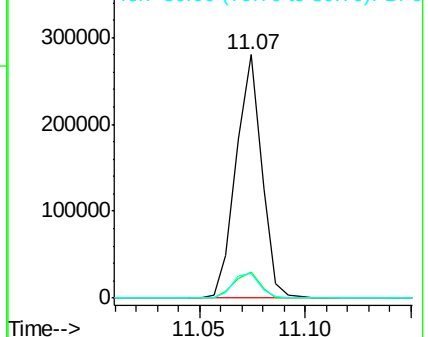
188 100

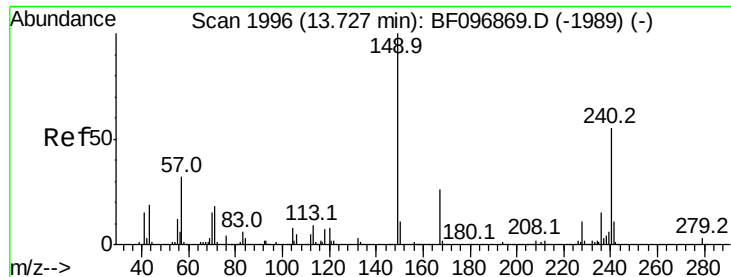
94 10.6 9.4 14.2

80 10.3 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: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Instrument :

BNA_F

ClientSampled :

72-11978

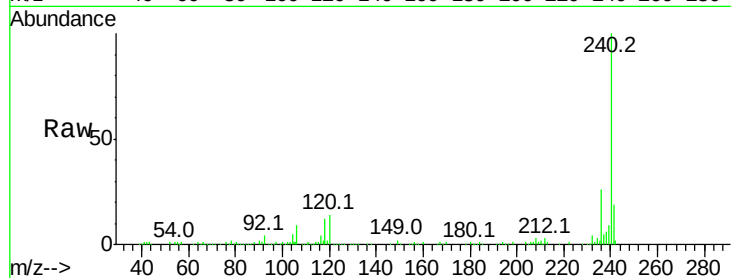
Tot Ion:240 Resp: 178607

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

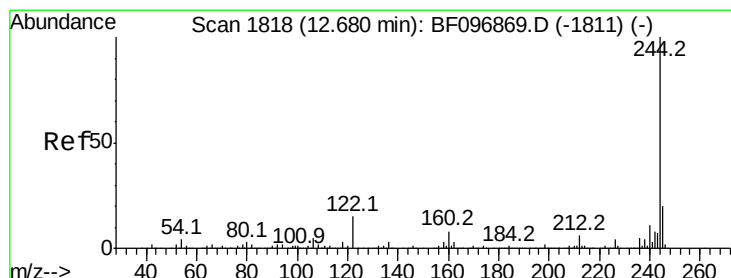
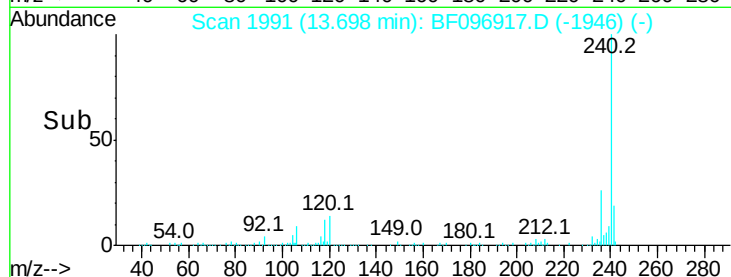
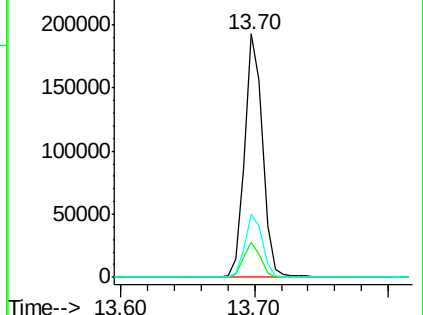
236 26.1 20.5 30.7



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: 42.211 ng

RT: 12.66 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

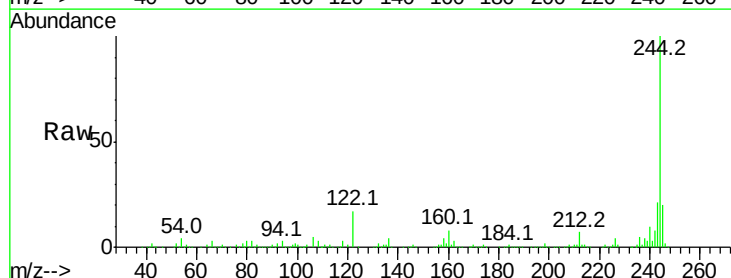
Tgt Ion:244 Resp: 434715

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

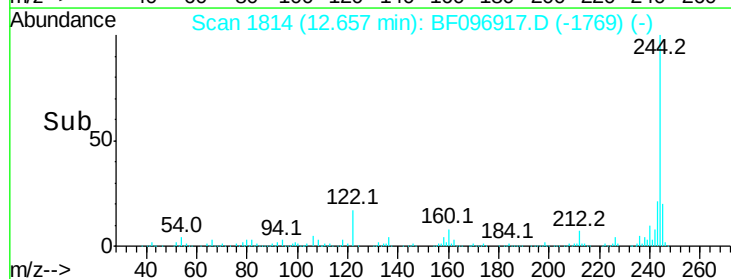
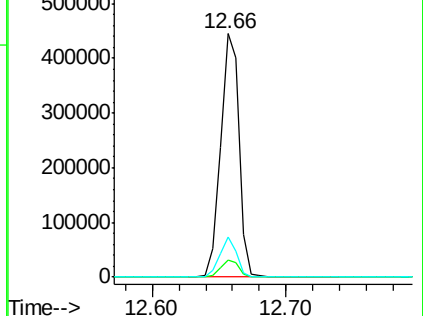
122 16.7 10.3 15.5#

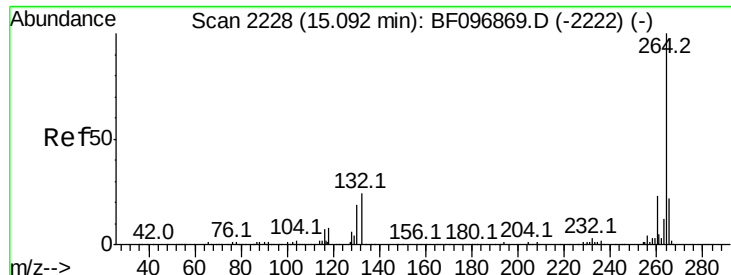


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

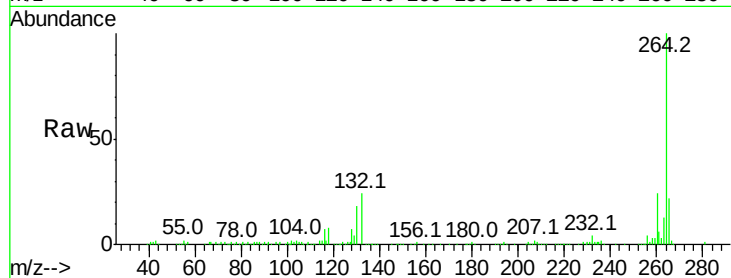




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion:	264	Resp:	203841
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	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

