

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096693.D
 Acq On : 12 Jul 2017 15:55
 Operator : SJ/JU
 Sample : I4126-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-1

Quant Time: Jul 12 17:17:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

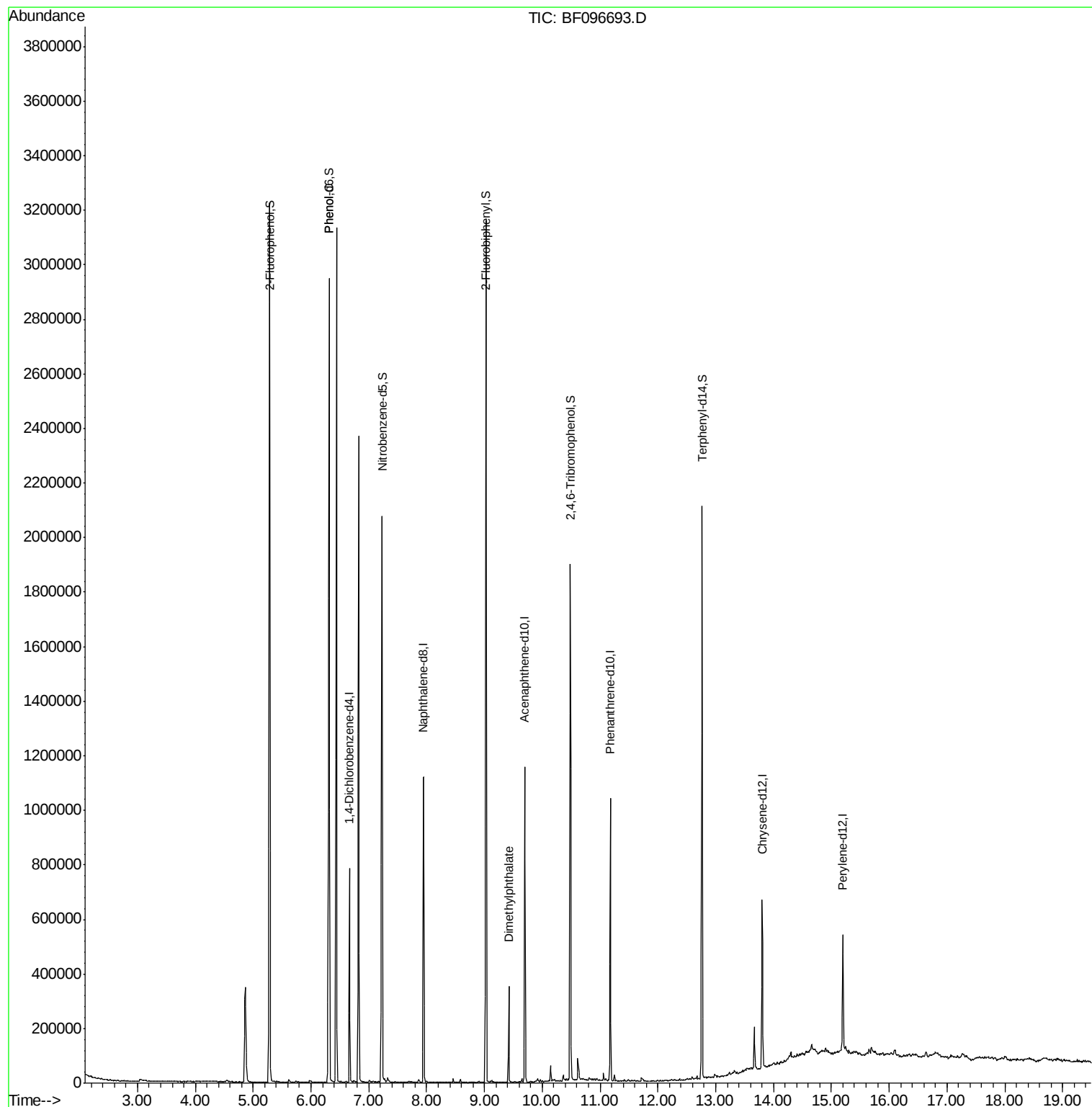
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	121607	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	561735	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	220624	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	368442	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	200233	20.00	ng	-0.04
86) Perylene-d12	15.20	264	176895	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	971692	117.94	ng	-0.02
7) Phenol-d6	6.32	99	1144375	112.98	ng	-0.03
23) Nitrobenzene-d5	7.23	82	783018	83.76	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	209195	121.39	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1086562	84.21	ng	-0.04
78) Terphenyl-d14	12.76	244	668533	71.34	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	23211	2.011	ng	Qvalue # 65
49) Dimethylphthalate	9.42	163	147292	8.943	ng	99

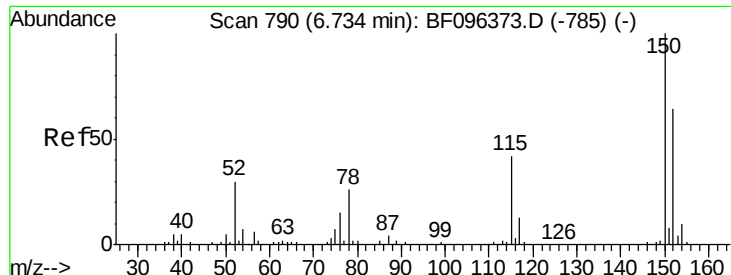
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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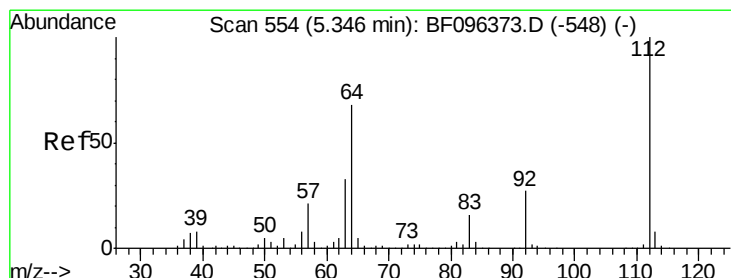
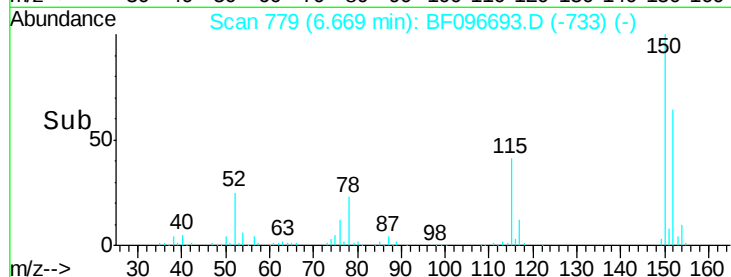
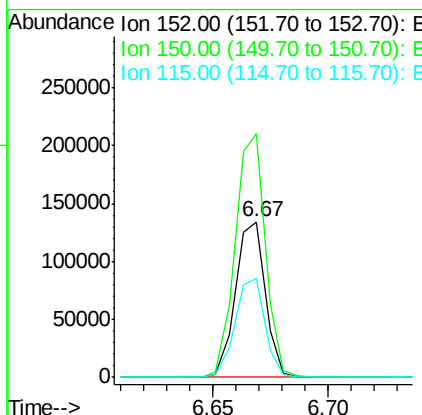
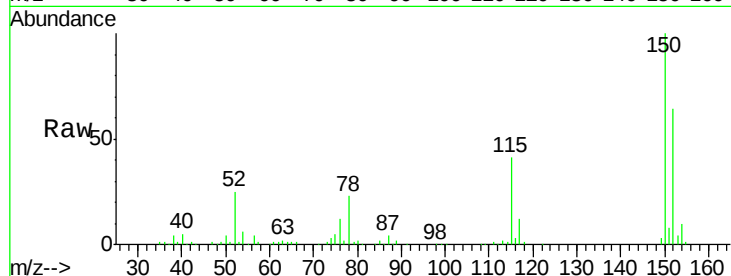


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampleId :
PP-NW-1

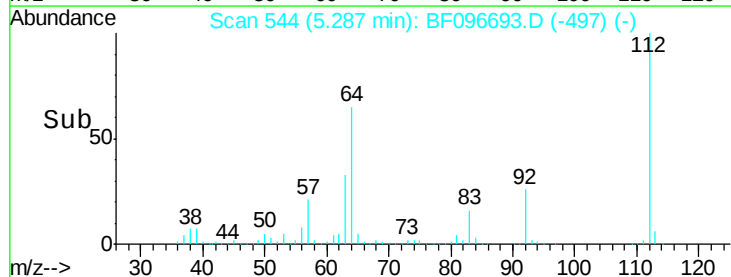
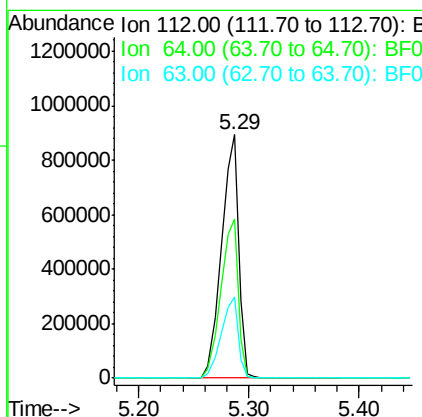
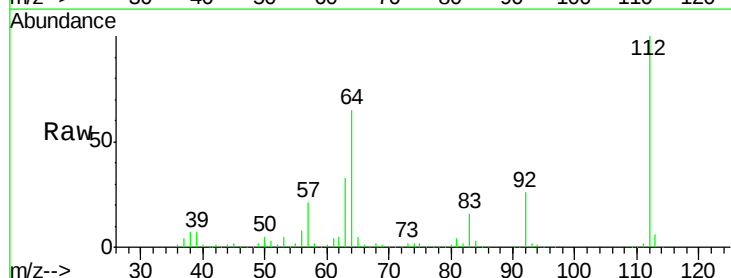
Tgt Ion:152 Resp: 121607
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 63.4 52.2 78.2



#5

2-Fluorophenol
Concen: 117.936 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:112 Resp: 971692
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 112.981 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

Instrument :

BNA_F

ClientSampled :

PP-NW-1

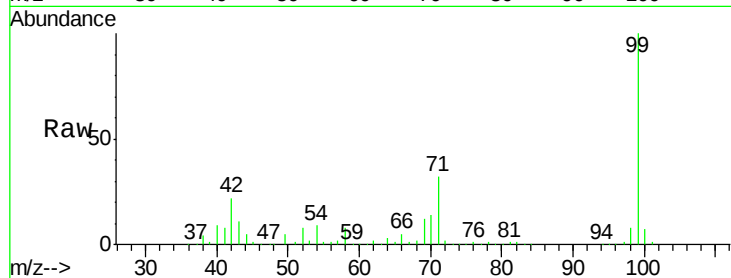
Tgt Ion: 99 Resp: 1144375

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

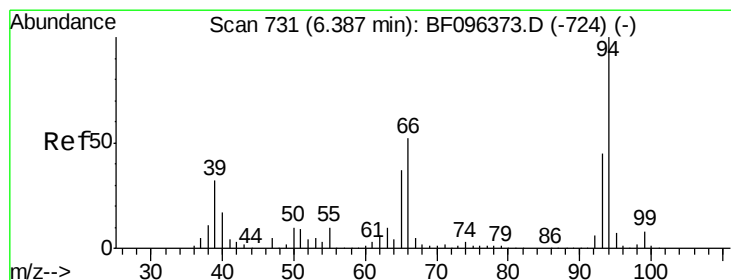
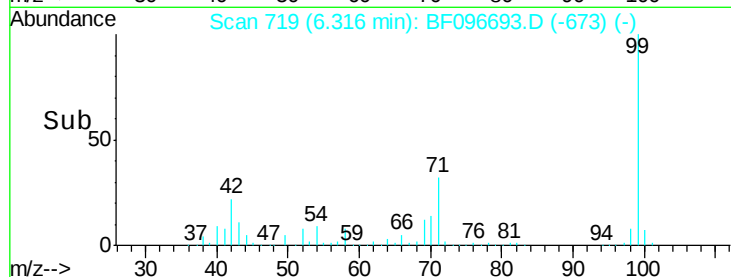
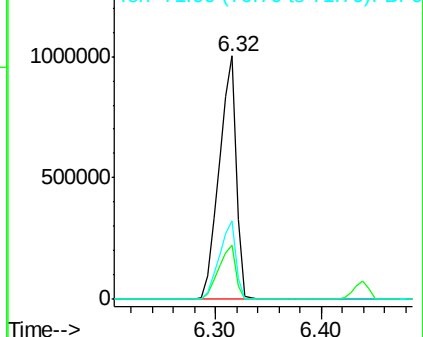
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 2.011 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

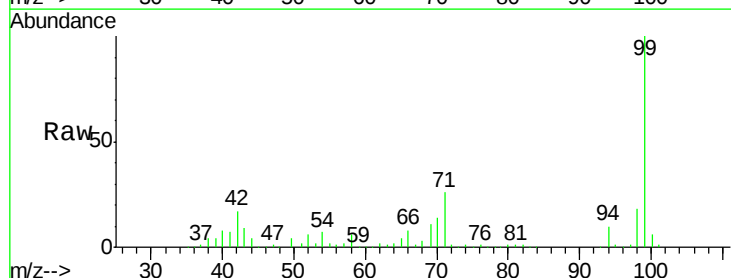
Tgt Ion: 94 Resp: 23211

Ion Ratio Lower Upper

94 100

65 37.6 9.9 49.9

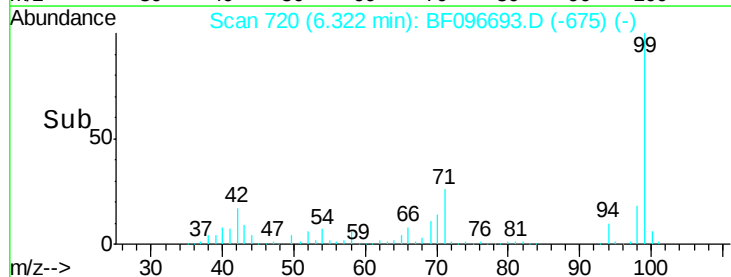
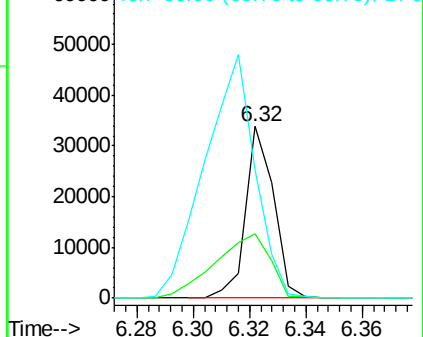
66 75.1 23.1 63.1#

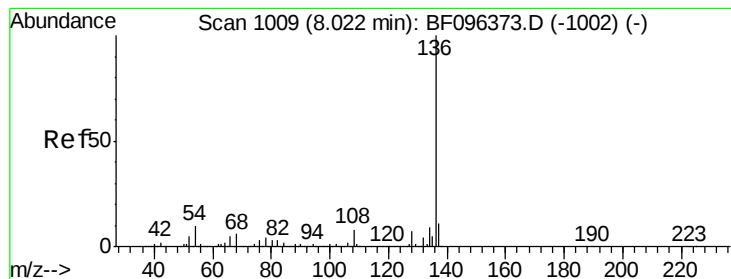


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

Instrument :

BNA_F

ClientSampleId :

PP-NW-1

Tgt Ion: 136 Resp: 561735

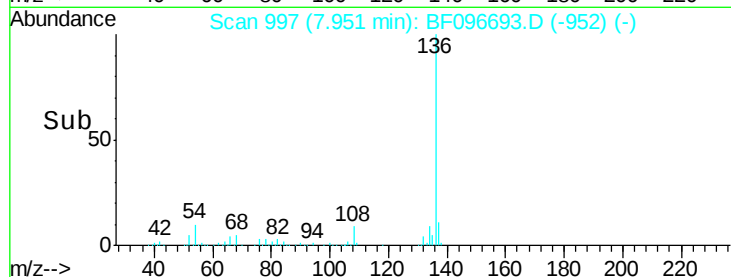
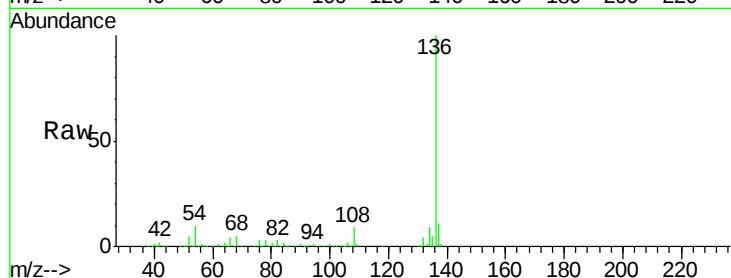
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.9 4.9 7.3#

68 5.2 4.1 6.1

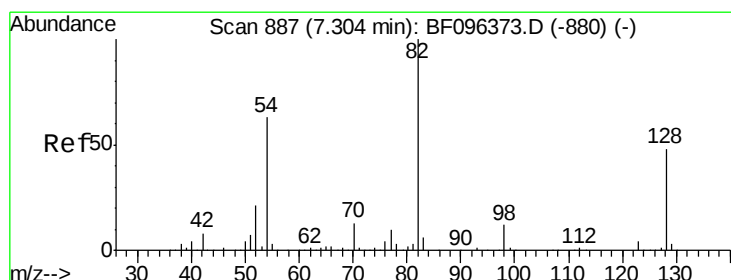
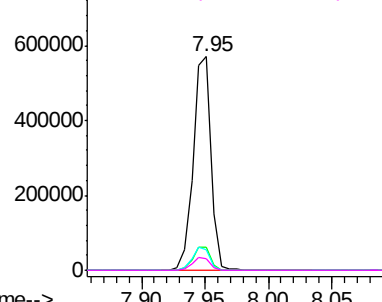


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.762 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

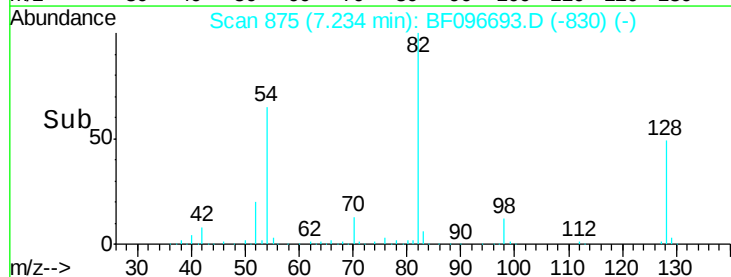
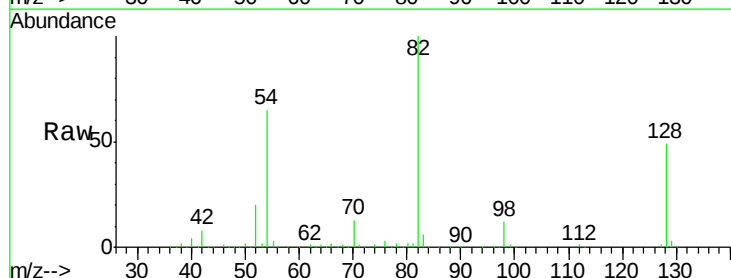
Tgt Ion: 82 Resp: 783018

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

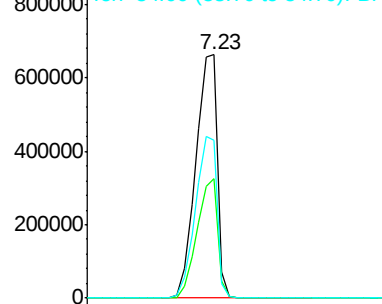
54 64.6 42.2 63.2#

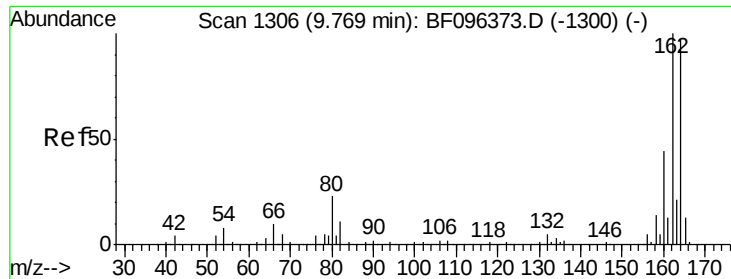


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

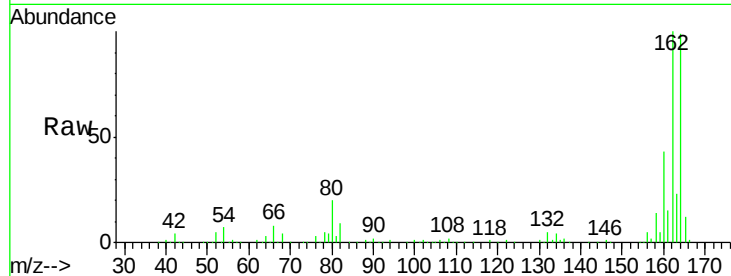




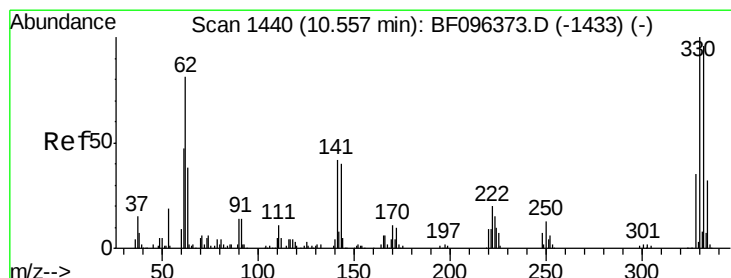
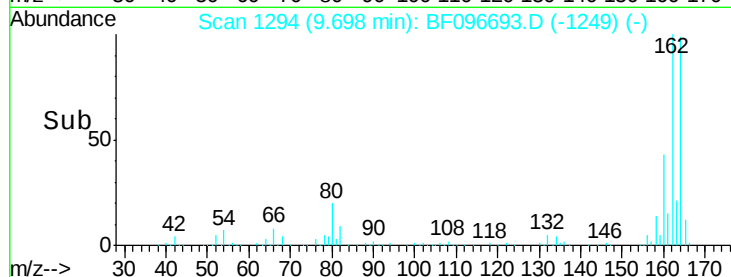
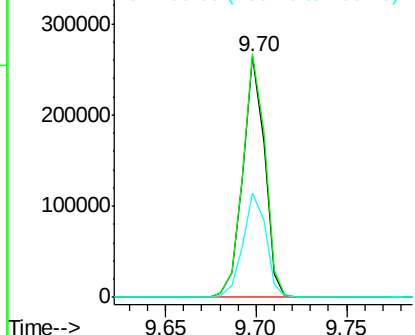
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-1

Tgt Ion:164 Resp: 220624
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.0 36.2 54.2

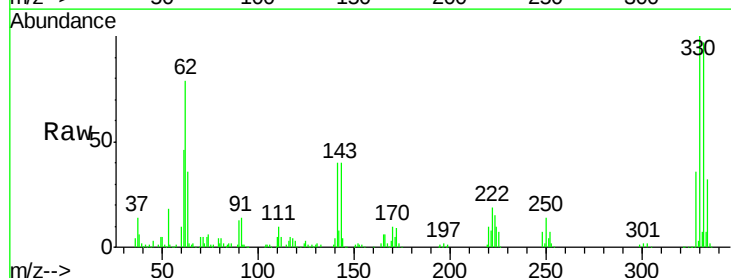


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

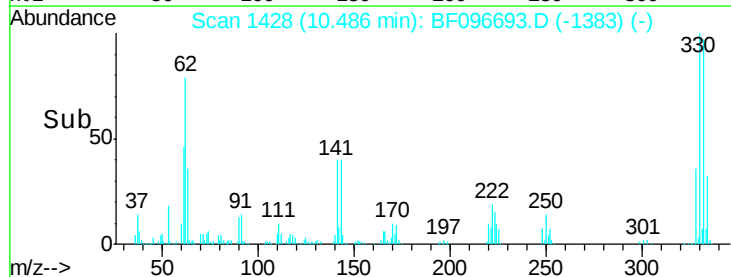
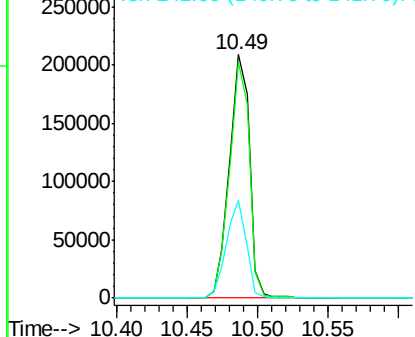


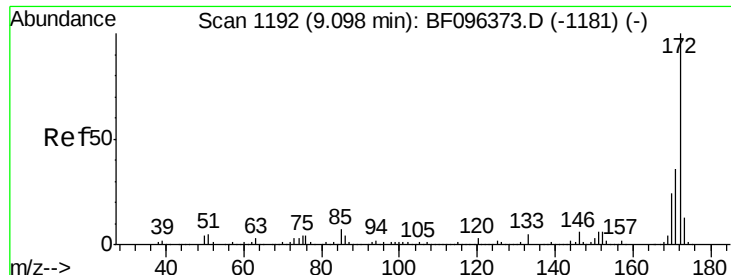
#41
 2,4,6-Tribromophenol
 Concen: 121.389 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Tgt Ion:330 Resp: 209195
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.3 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

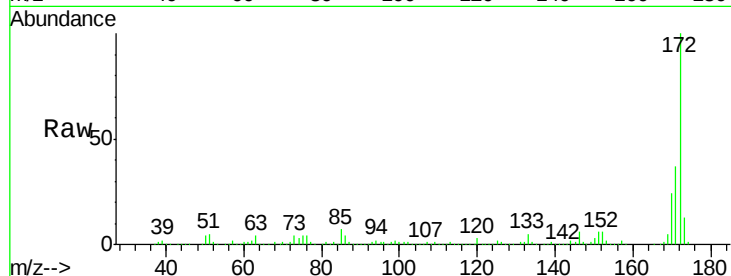




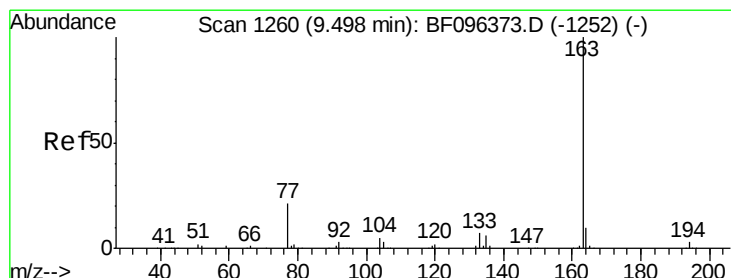
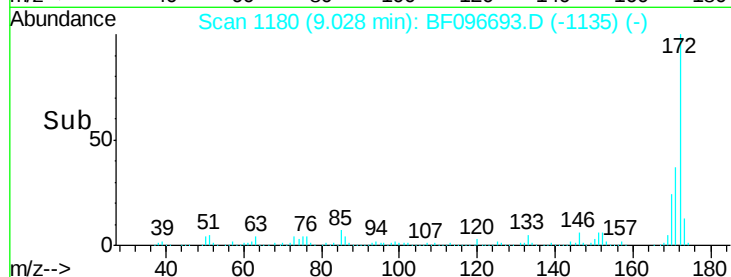
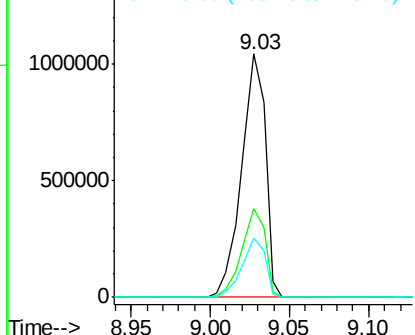
#44
 2-Fluorobiphenyl
 Concen: 84.205 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-1

Tgt Ion:172 Resp: 1086562
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 19.8 29.8

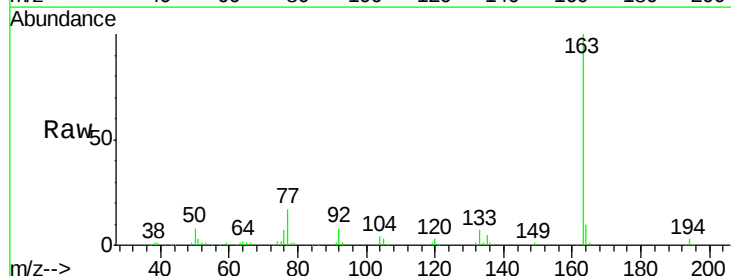


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

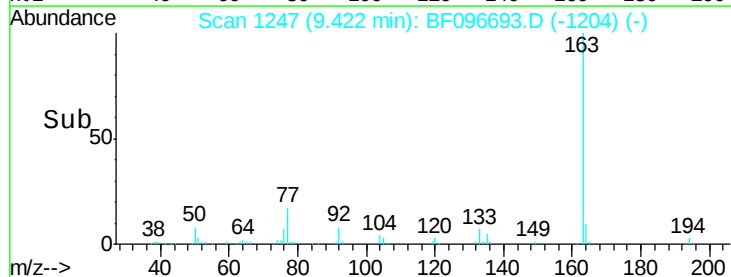
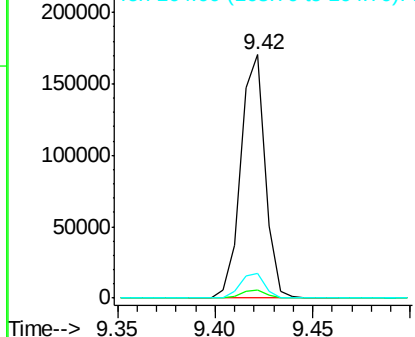


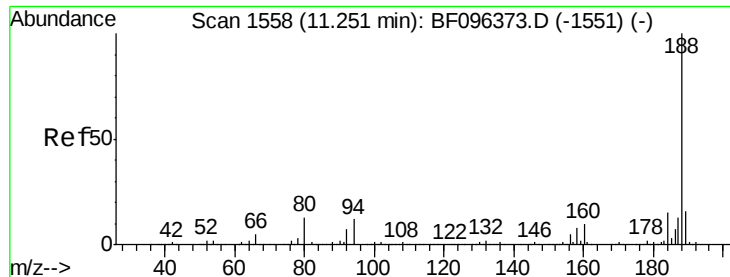
#49
 Dimethylphthalate
 Concen: 8.943 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Tgt Ion:163 Resp: 147292
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.9 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

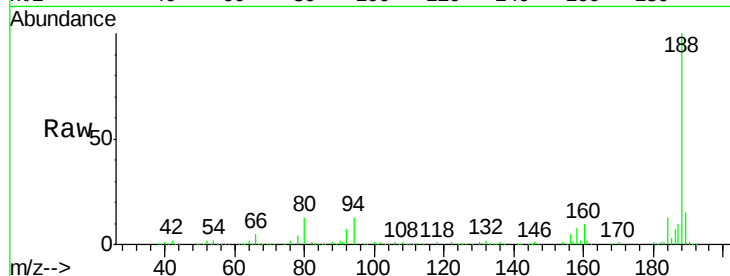




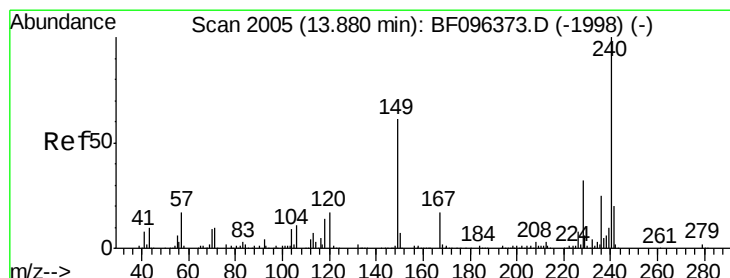
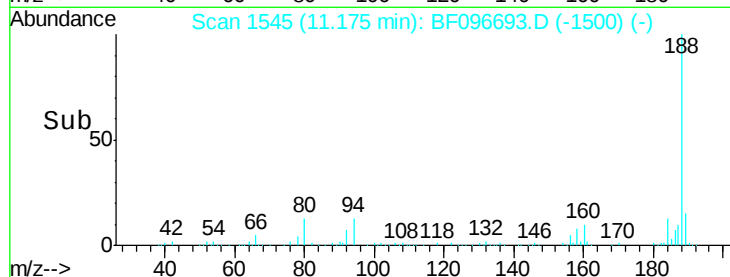
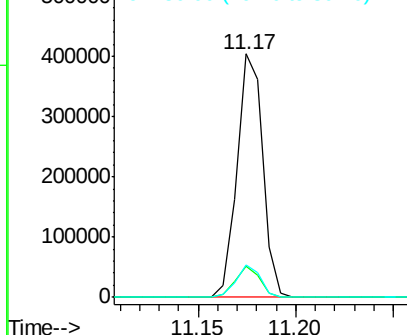
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampled :
PP-NW-1

Tgt Ion:188 Resp: 368442
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 13.5 10.2 15.2

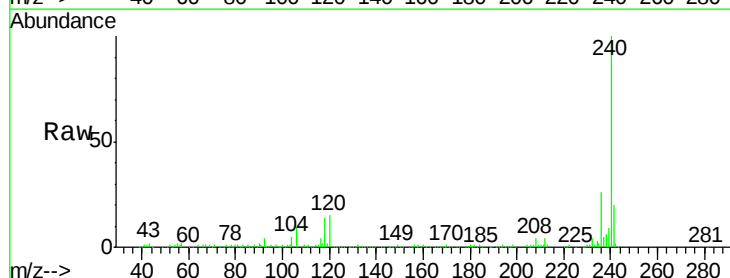


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

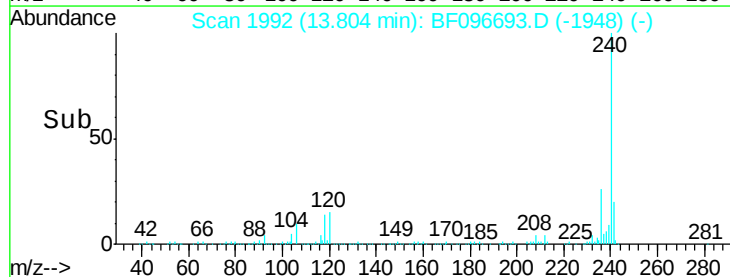
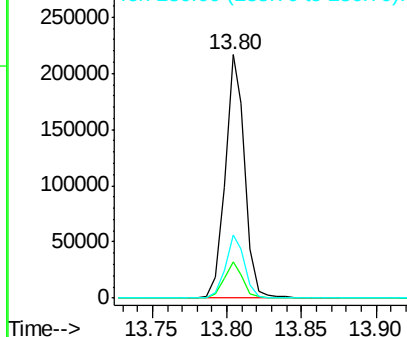


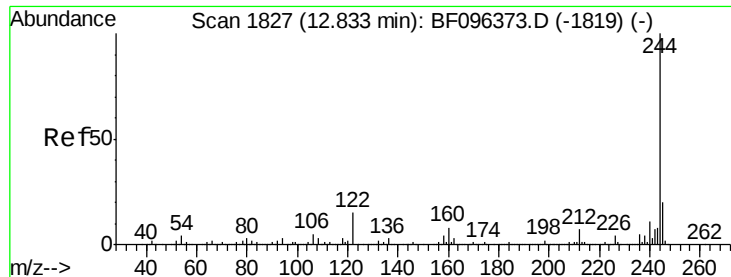
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:240 Resp: 200233
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.8 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

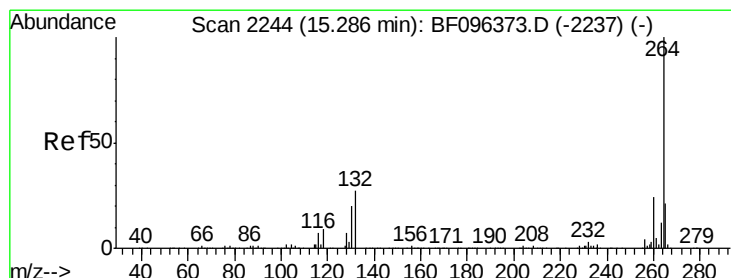
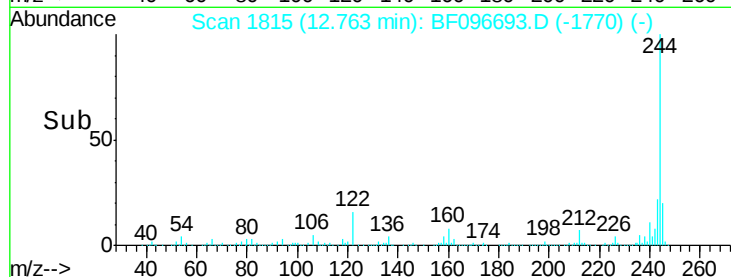
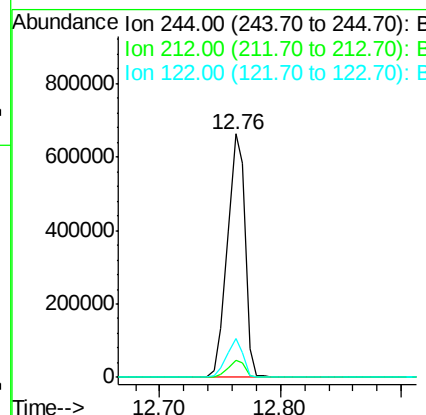
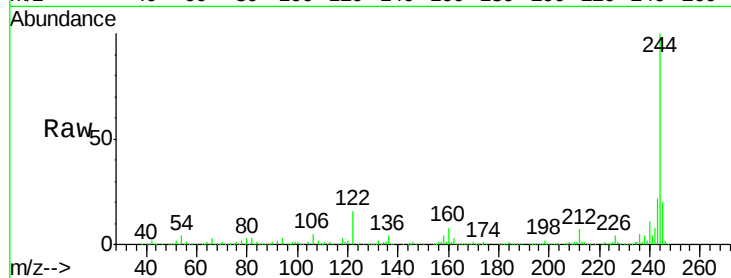




#78
 Terphenyl-d14
 Concen: 71.344 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-1

Tgt Ion:244 Resp: 668533
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.05 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Tgt Ion:264 Resp: 176895
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.8 17.2 25.8

