

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096987.D
 Acq On : 24 Jul 2017 13:20
 Operator : SJ/JU
 Sample : I4317-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMPRES

Quant Time: Jul 24 14:42:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 14:10:38 2017
 Response via : Initial Calibration

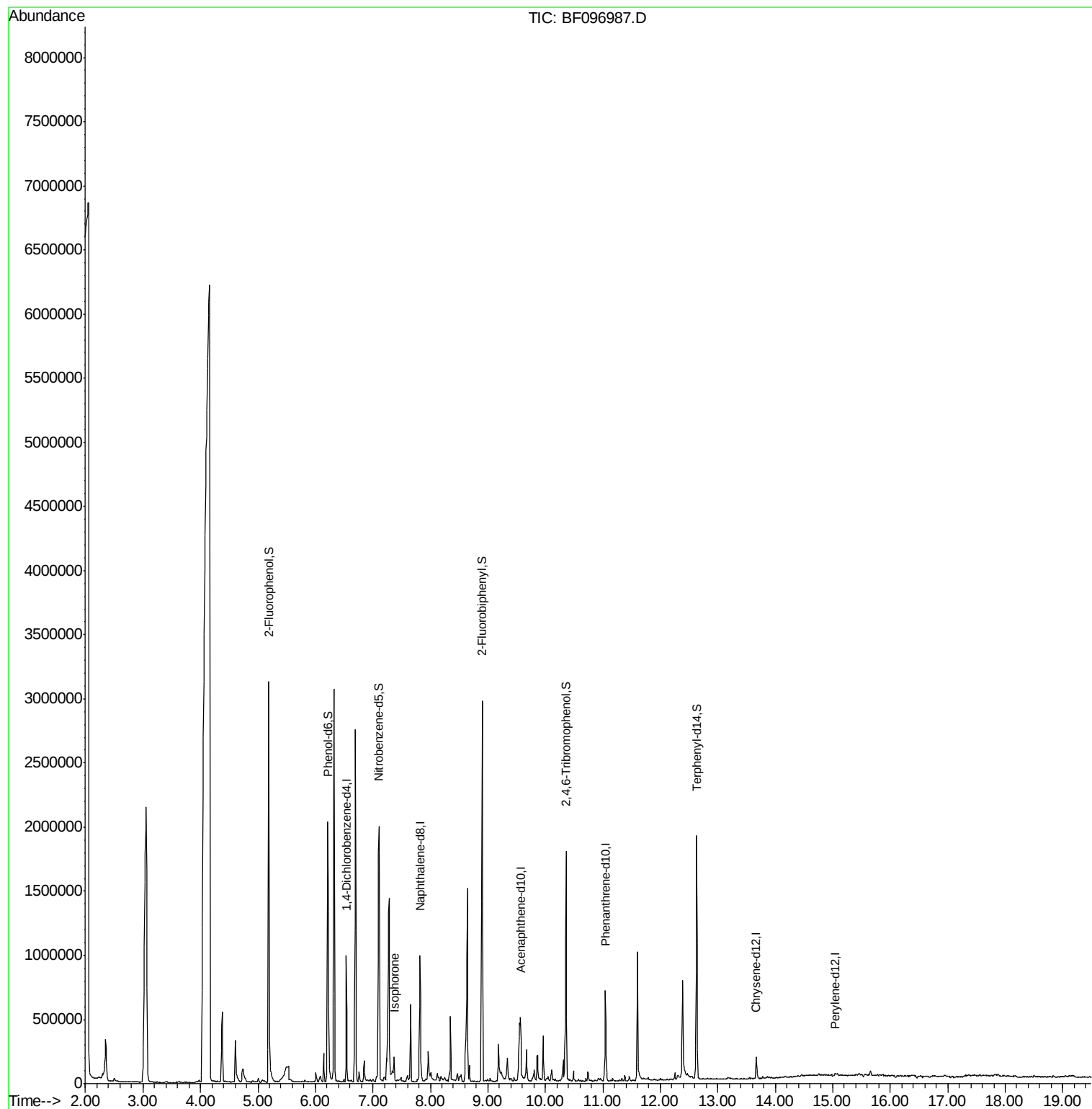
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	135882	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	538145	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	67964	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	185796	20.00	ng	0.00
75) Chrysene-d12	13.67	240	31871	20.00	ng	-0.01
86) Perylene-d12	15.03	264	1000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1029912	113.96	ng	0.04
7) Phenol-d6	6.22	99	469074	43.25	ng	0.00
23) Nitrobenzene-d5	7.10	82	795364	91.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	243811	420.27	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1226400	285.09	ng	0.00
78) Terphenyl-d14	12.63	244	408370	222.21	ng	0.00
Target Compounds						
25) Isophorone	7.37	82	66080	4.089	ng	Qvalue 97

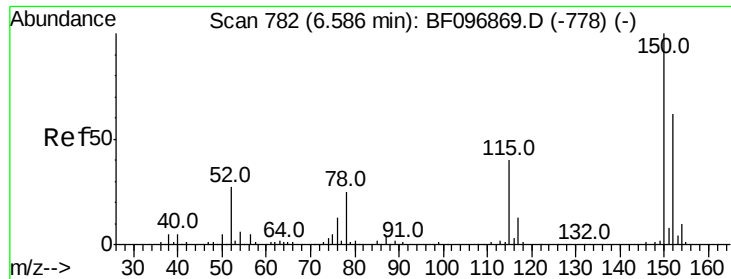
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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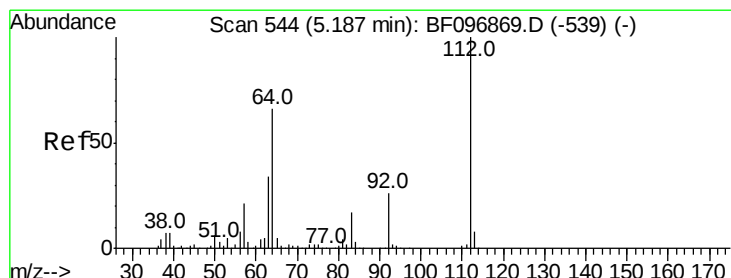
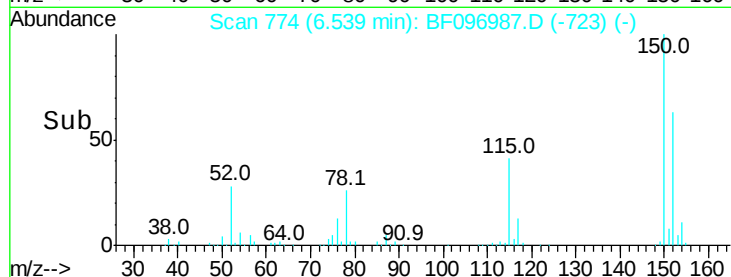
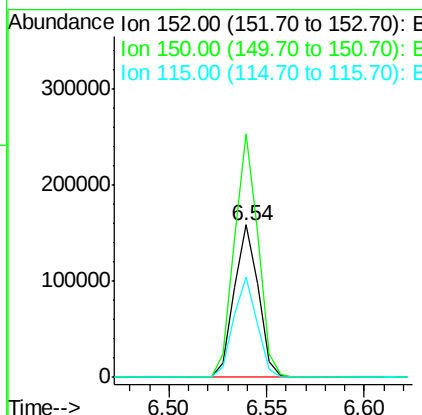
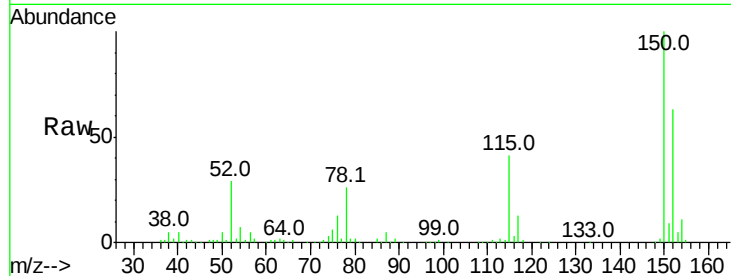


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.54 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

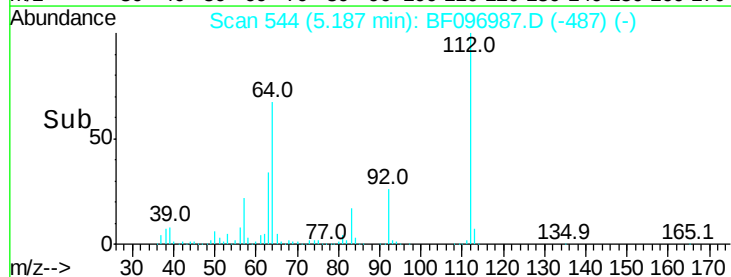
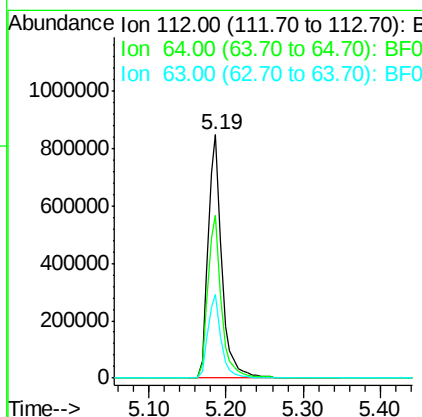
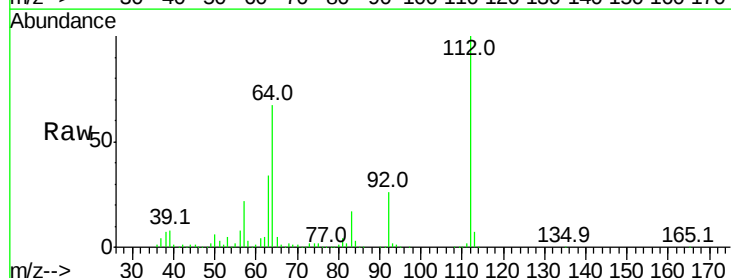
Tot Ion:152 Resp: 135882
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 66.3 52.2 78.2

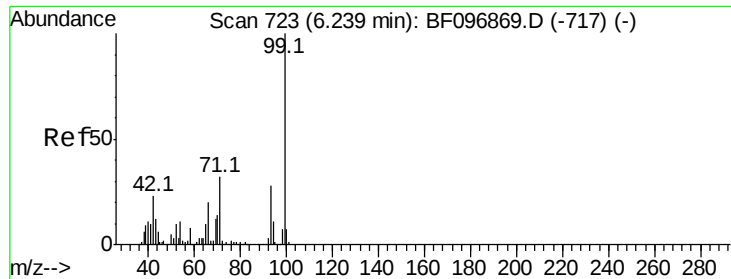


#5

2-Fluorophenol
 Concen: 113.963 ng
 RT: 5.19 min Scan# 544
 Delta R.T. 0.04 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Tgt Ion:112 Resp: 1029912
 Ion Ratio Lower Upper
 112 100
 64 66.7 46.0 69.0
 63 34.1 23.4 35.0





#7

Phenol-d6

Concen: 43.253 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

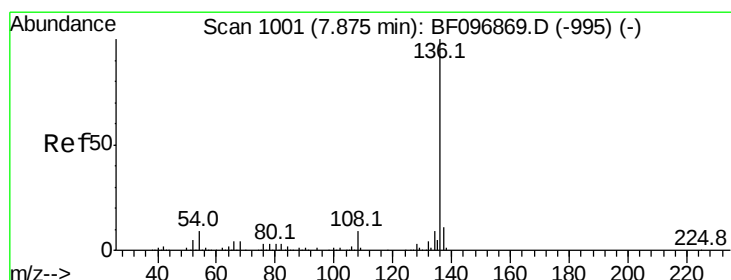
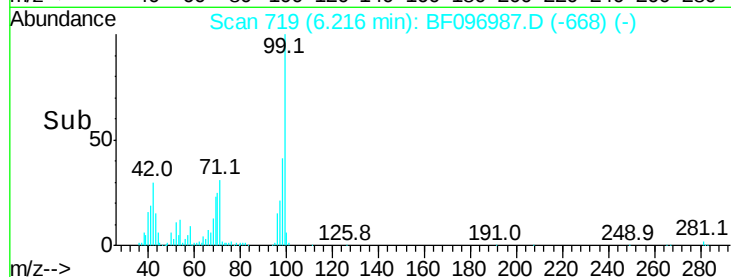
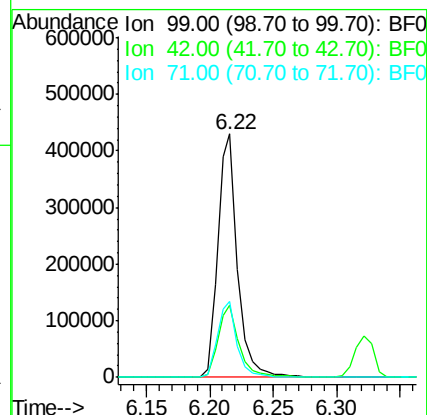
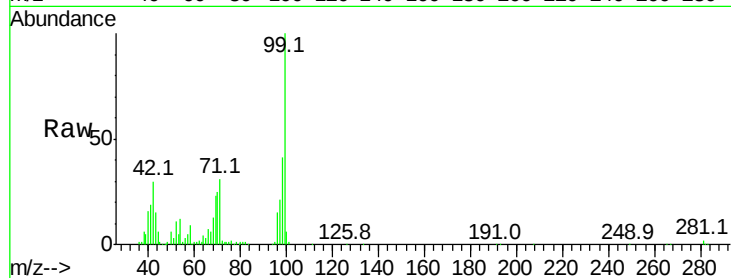
Tot Ion: 99 Resp: 469074

Ion Ratio Lower Upper

99 100

42 29.8 13.5 20.3#

71 31.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

Tgt Ion: 136 Resp: 538145

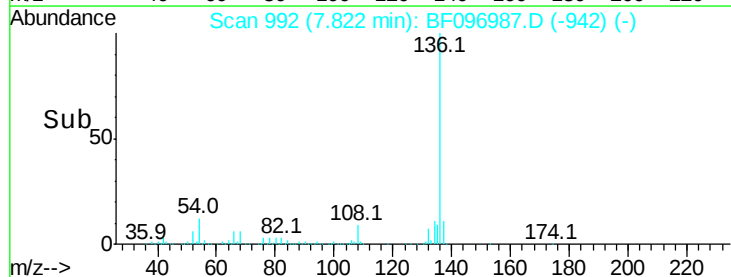
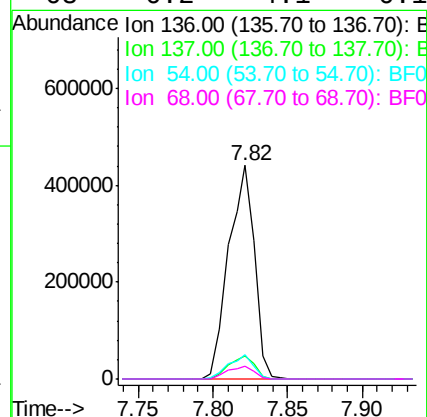
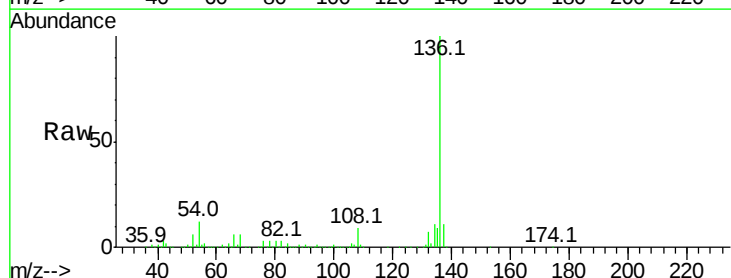
Ion Ratio Lower Upper

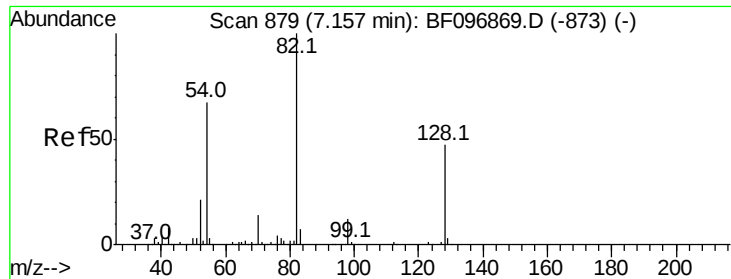
136 100

137 10.8 8.5 12.7

54 11.5 4.9 7.3#

68 6.2 4.1 6.1#

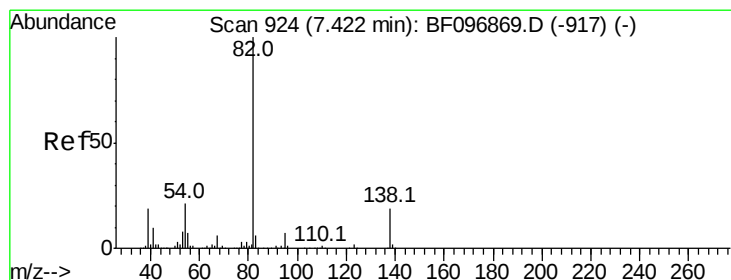
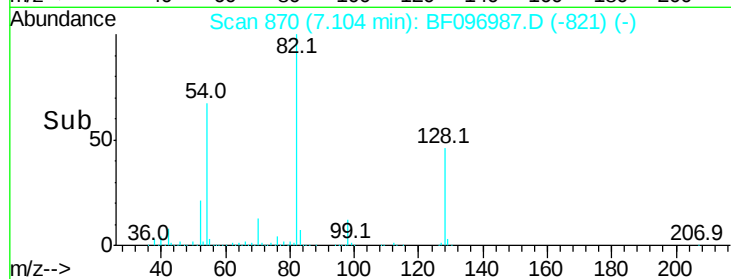
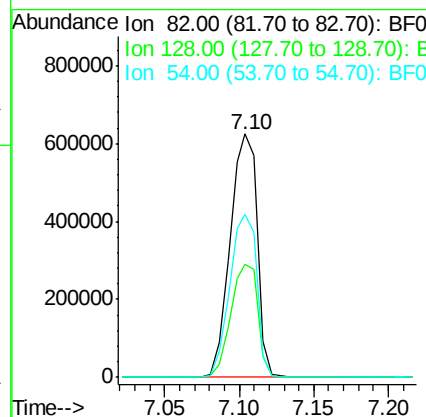
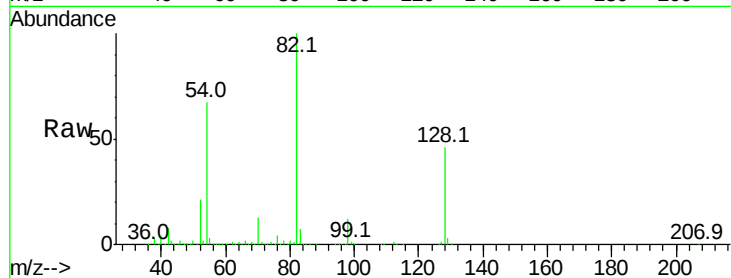




#23
 Nitrobenzene-d5
 Concen: 91.547 ng
 RT: 7.10 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

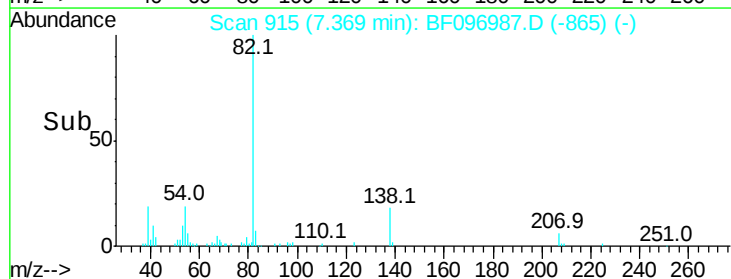
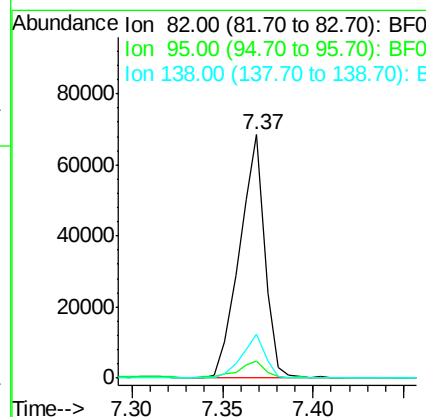
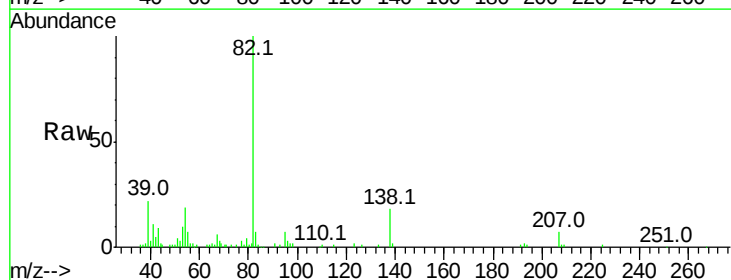
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

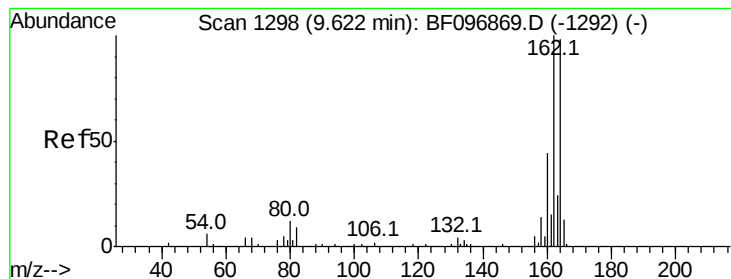
Tot Ion: 82 Resp: 795364
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 67.0 42.2 63.2#



#25
 Isophorone
 Concen: 4.089 ng
 RT: 7.37 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Tgt Ion: 82 Resp: 66080
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.3 7.9
 138 17.9 13.1 19.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.57 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

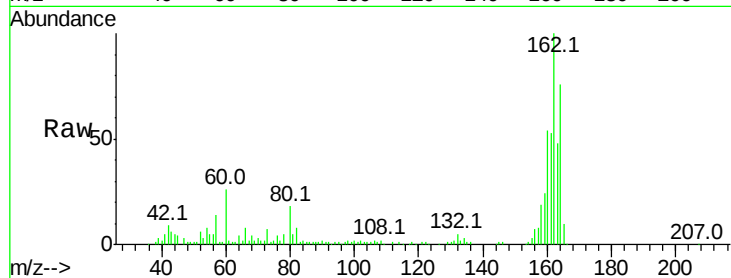
Tot Ion:164 Resp: 67964

Ion Ratio Lower Upper

164 100

162 132.1 82.6 123.8#

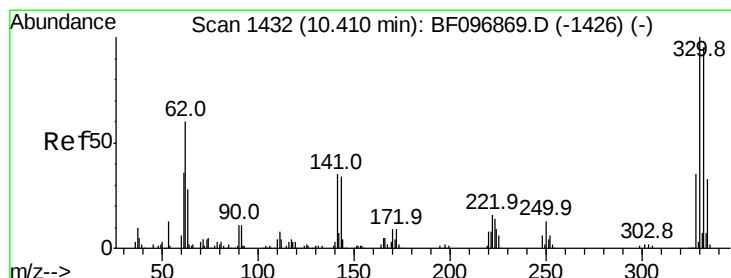
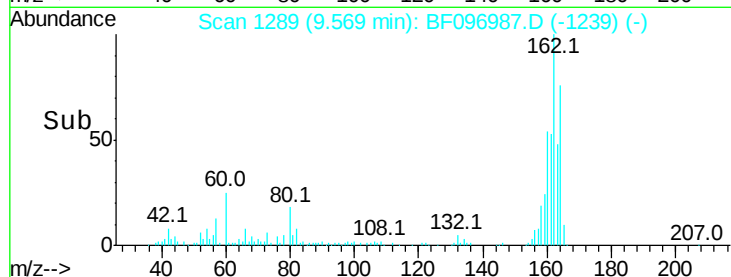
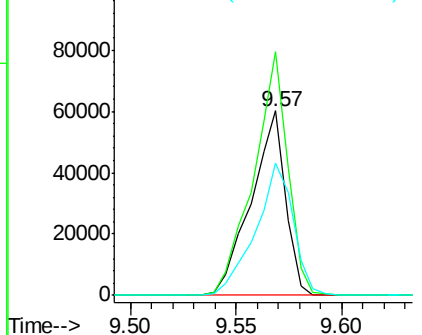
160 71.4 36.2 54.2#



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: 420.269 ng

RT: 10.36 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

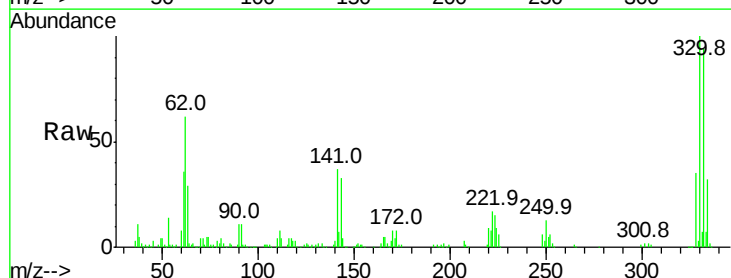
Tgt Ion:330 Resp: 243811

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

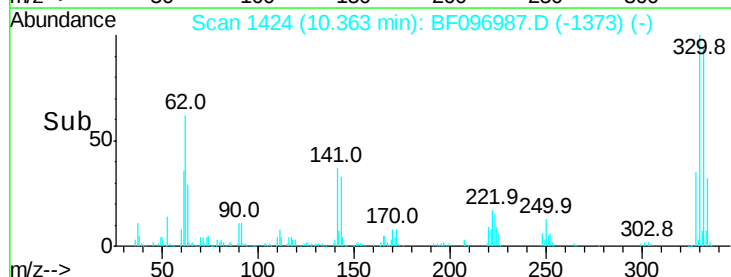
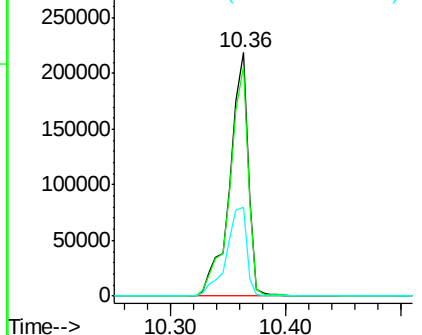
141 40.2 31.4 47.2

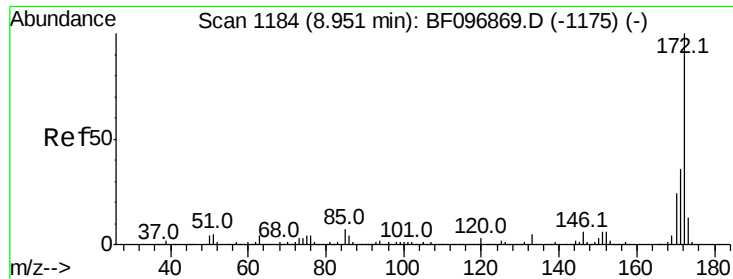


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



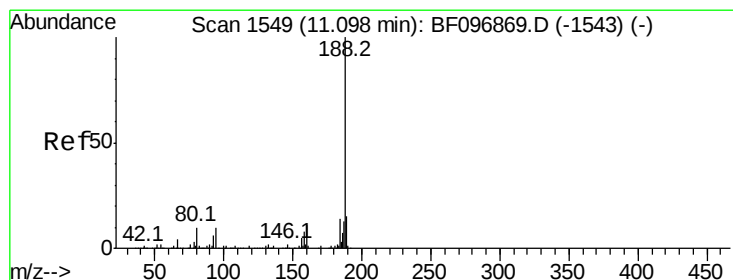
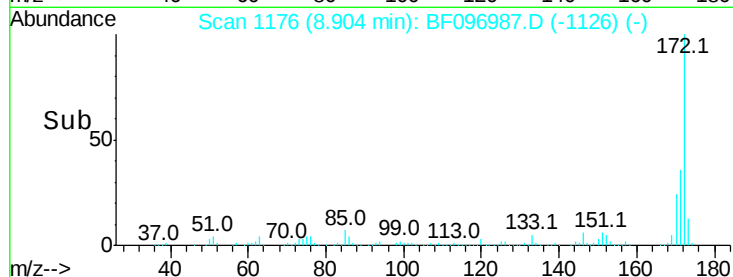
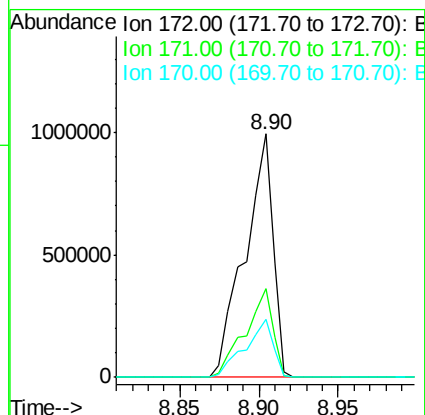
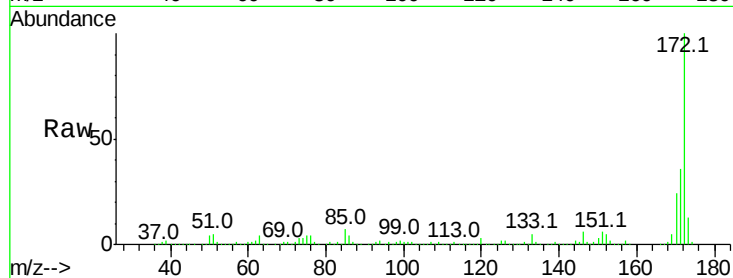


#44
 2-Fluorobiphenyl
 Concen: 285.094 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Tot Ion:172 Resp: 1226400

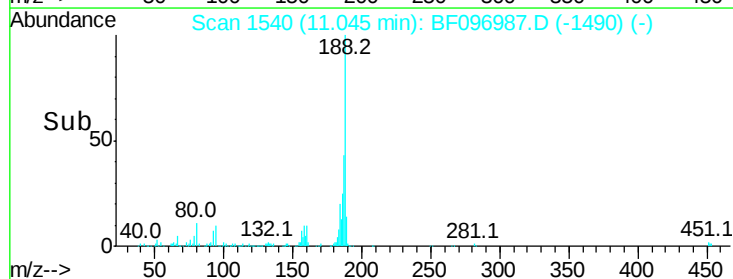
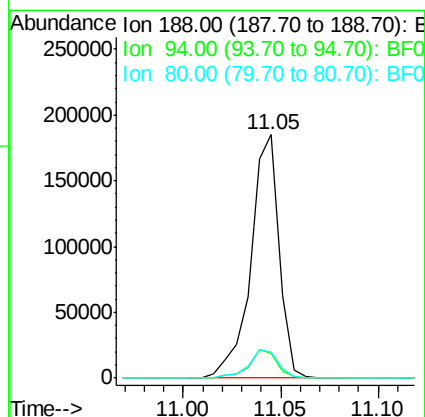
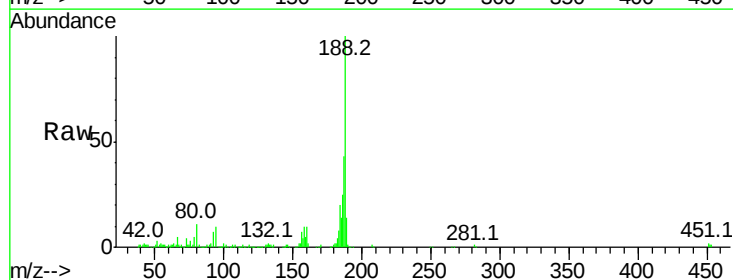
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

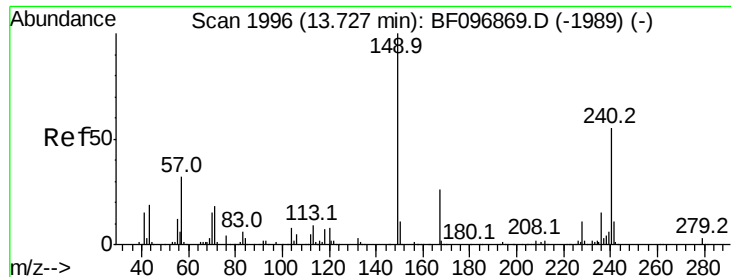


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.05 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Tgt Ion:188 Resp: 185796

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

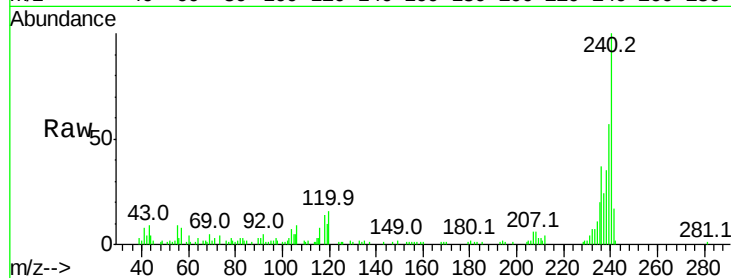
Tot Ion:240 Resp: 31871

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

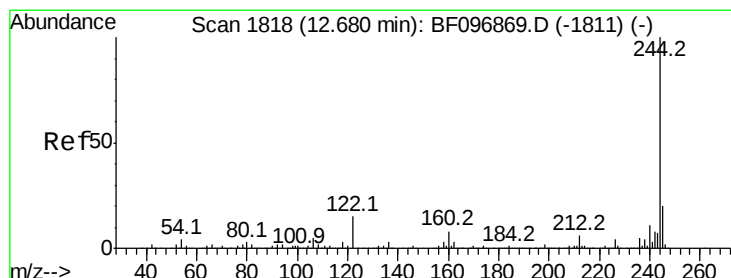
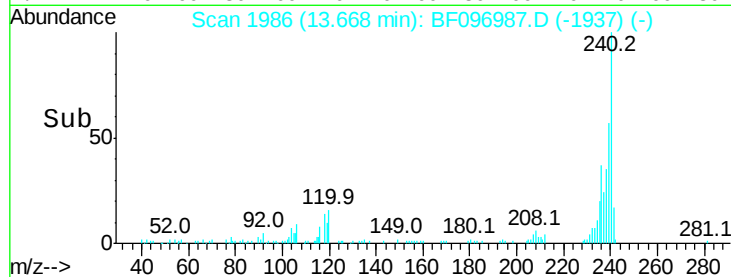
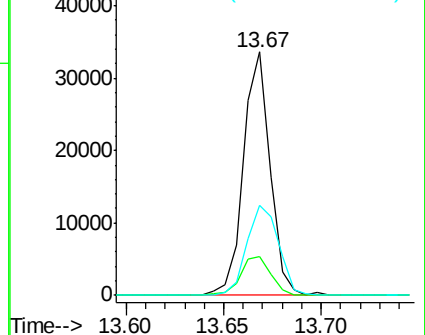
236 37.2 20.5 30.7#



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: 222.215 ng

RT: 12.63 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF096987.D

Acq: 24 Jul 2017 13:20

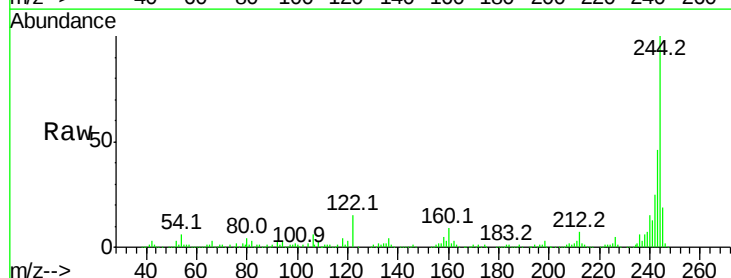
Tgt Ion:244 Resp: 408370

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

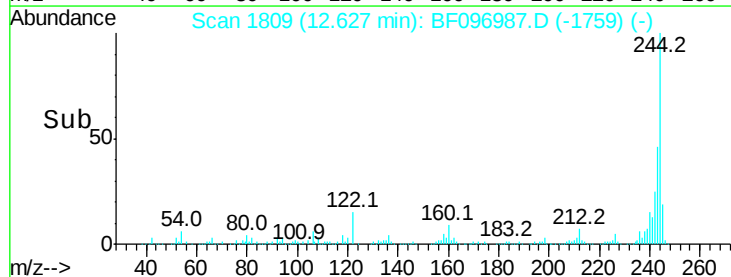
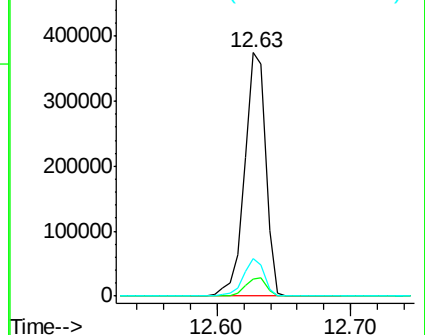
122 15.3 10.3 15.5

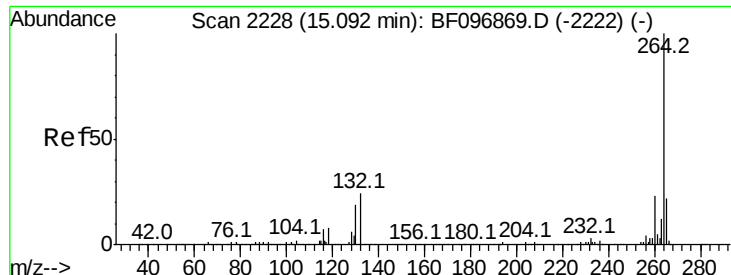


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

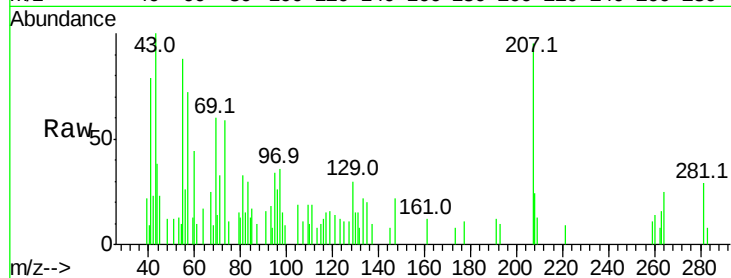




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.03 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096987.D
 Acq: 24 Jul 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Tot Ion: 264 Resp: 1000
 Ion Ratio Lower Upper
 264 100
 260 58.6 19.5 29.3#
 265 0.0 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

