

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096101.D
 Acq On : 22 Jun 2017 00:08
 Operator : SJ/MA
 Sample : I3736-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 01:07:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

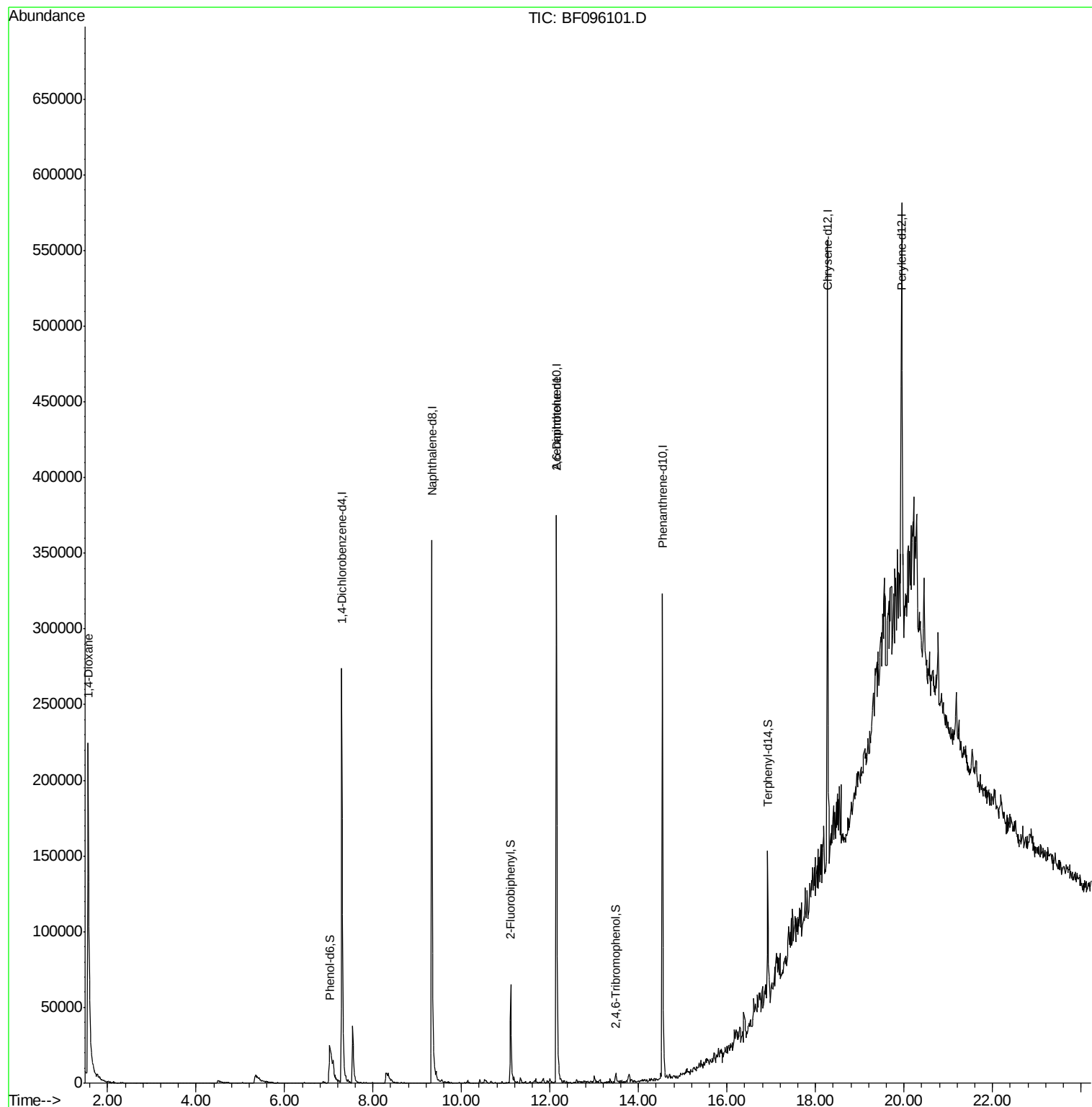
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	83473	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	303866	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	122251	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	193991	20.00	ng	0.00
75) Chrysene-d12	18.27	240	174161	20.00	ng	0.00
86) Perylene-d12	19.94	264	117741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	6815	1.30	ng	0.15
7) Phenol-d6	7.02	99	13920	2.22	ng	0.15
23) Nitrobenzene-d5	8.29	82	3558	0.73	ng	0.07
41) 2,4,6-Tribromophenol	13.49	330	2826	2.61	ng	0.04
44) 2-Fluorobiphenyl	11.11	172	42020	4.78	ng	0.00
78) Terphenyl-d14	16.92	244	33036	4.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	12605	5.06	ng	# 22
50) 2,6-Dinitrotoluene	12.14	165	15484	7.65	ng	# 31

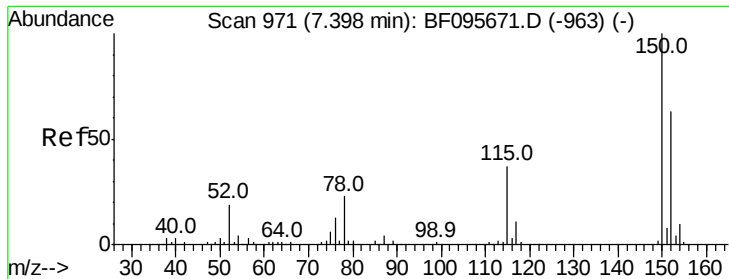
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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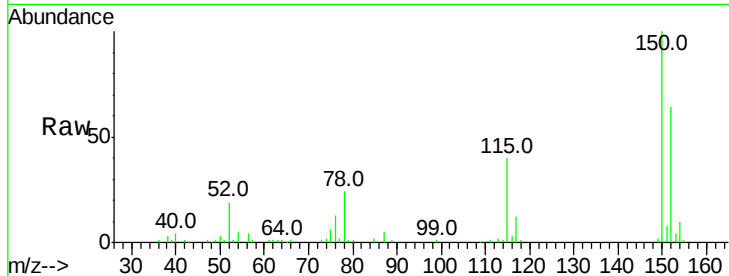


#1

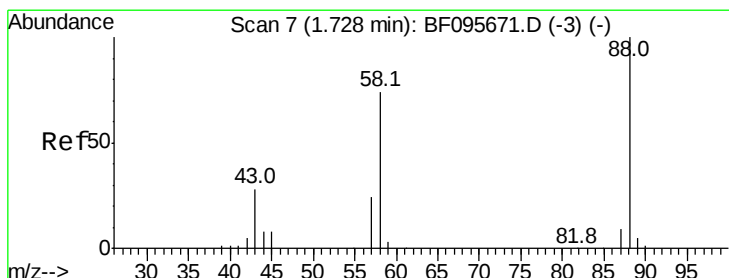
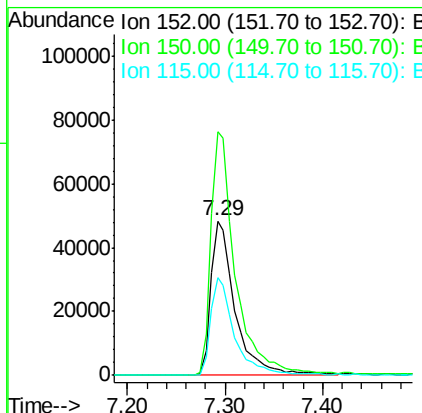
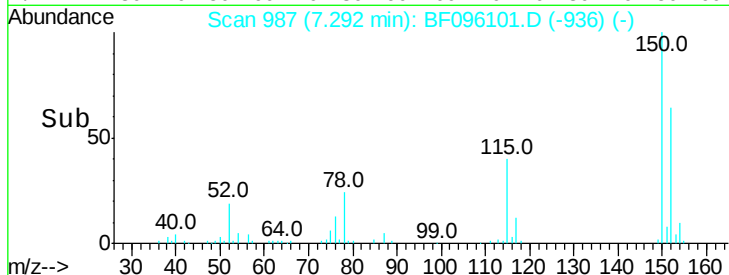
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF096101.D
Acq: 22 Jun 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83473
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 63.1 52.2 78.2



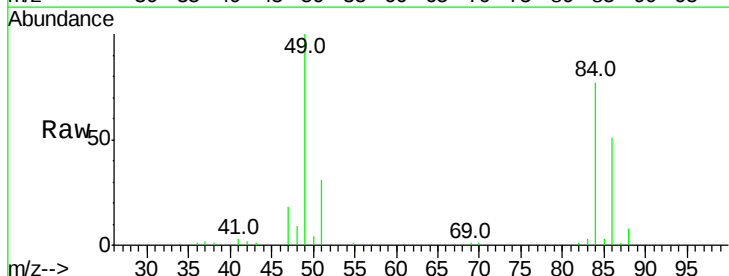
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



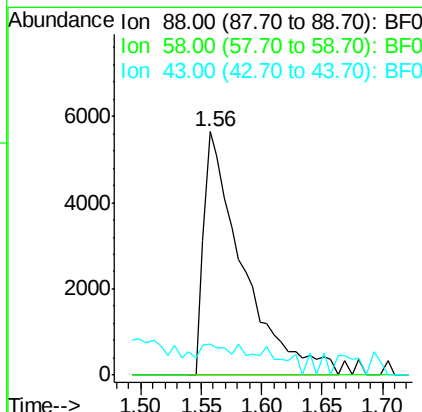
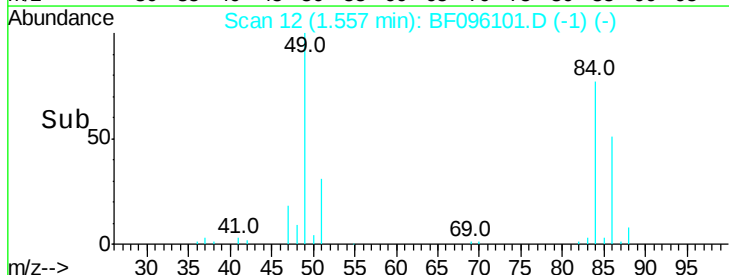
#2

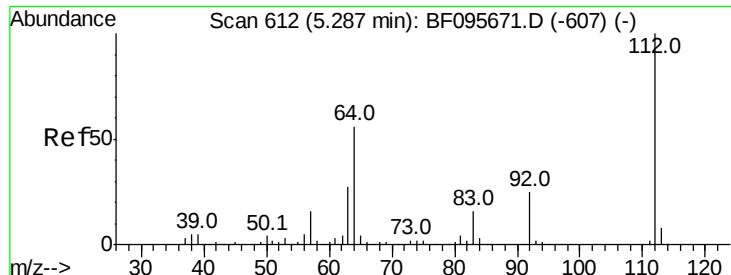
1,4-Dioxane
Concen: 5.06 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096101.D
Acq: 22 Jun 2017 00:08

Tgt Ion: 88 Resp: 12605
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 3.2 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 1.30 ng

RT: 5.33 min Scan# 653

Delta R.T. 0.15 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

Instrument :

BNA_F

ClientSampleId :

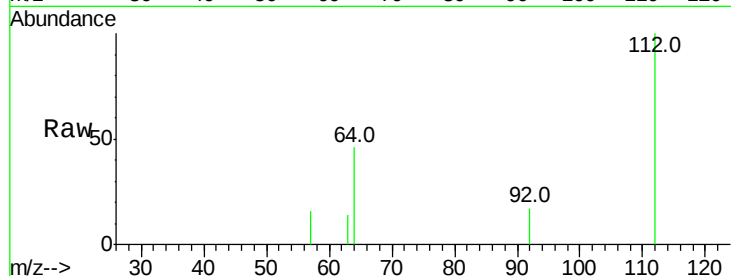
Tot Ion:112 Resp: 6815

Ion Ratio Lower Upper

112 100

64 45.6 46.0 69.0#

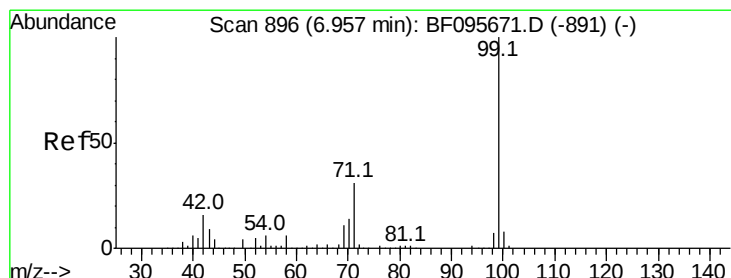
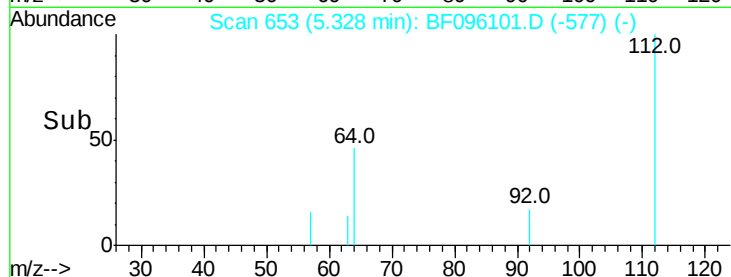
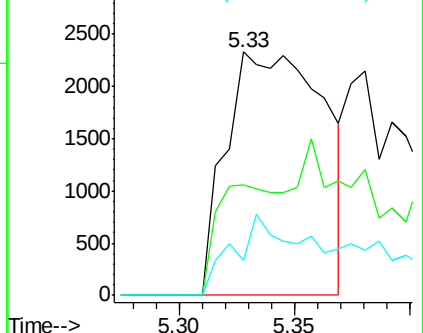
63 14.5 23.4 35.0#



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: 2.22 ng

RT: 7.02 min Scan# 941

Delta R.T. 0.15 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

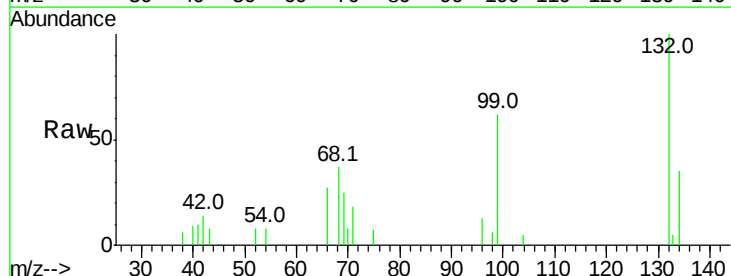
Tgt Ion: 99 Resp: 13920

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

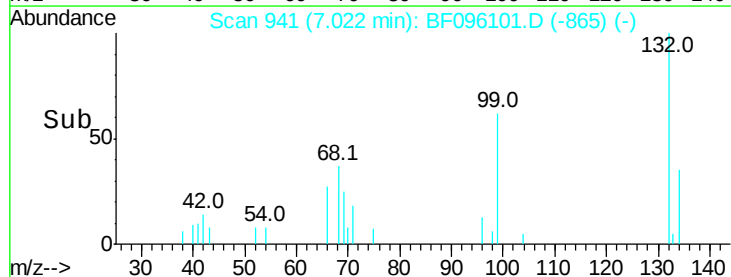
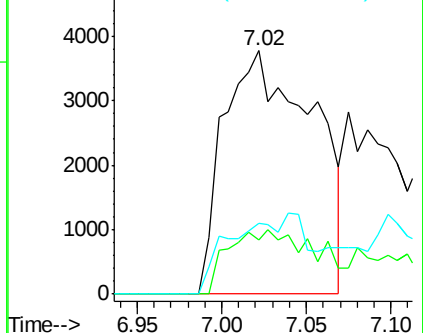
71 29.4 24.5 36.7



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: 9.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 303866

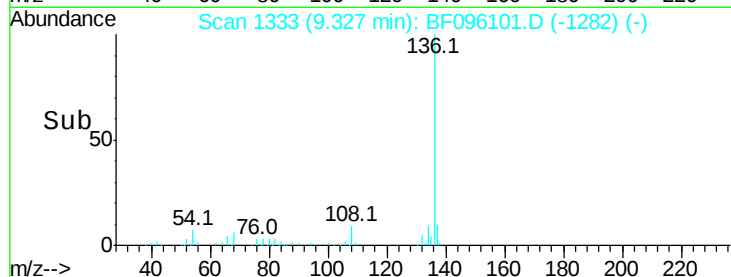
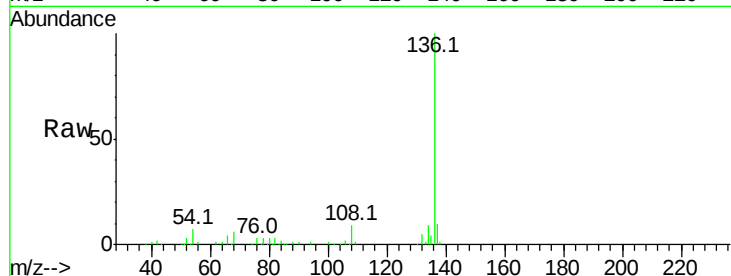
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 6.6 4.9 7.3

68 5.7 4.1 6.1

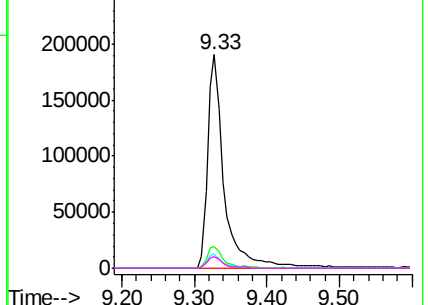


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.73 ng

RT: 8.29 min Scan# 1157

Delta R.T. 0.07 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

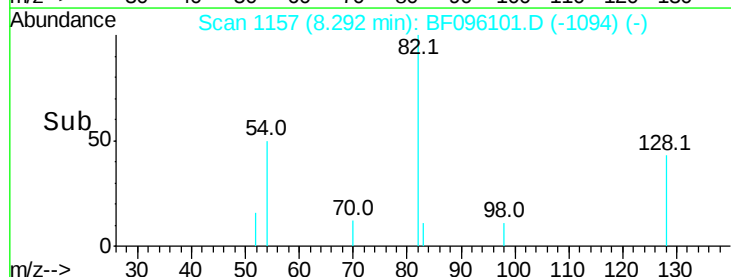
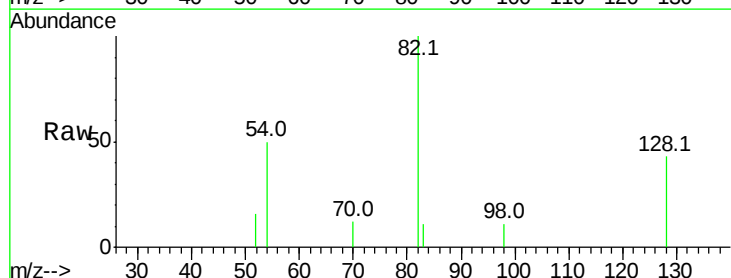
Tgt Ion: 82 Resp: 3558

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

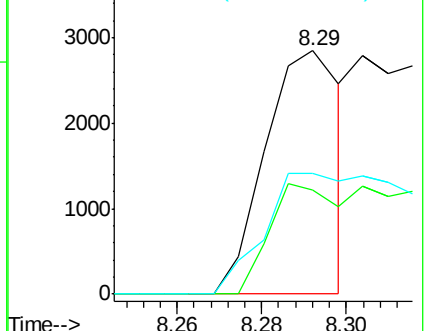
54 49.7 42.2 63.2



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: 20.00 ng

RT: 12.14 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

Instrument :

BNA_F

ClientSampleId :

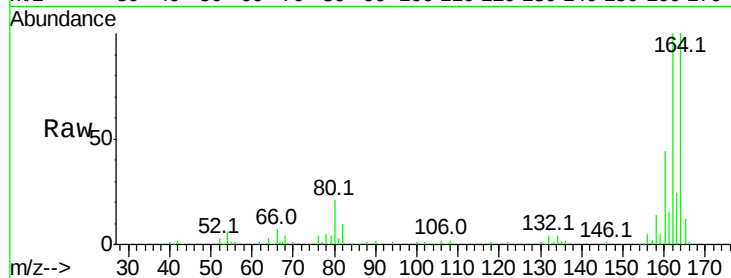
Tot Ion:164 Resp: 122251

Ion Ratio Lower Upper

164 100

162 100.1 82.6 123.8

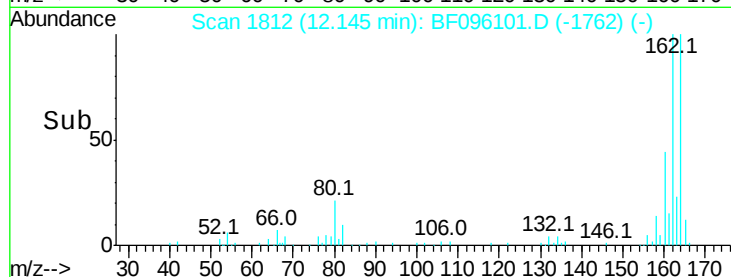
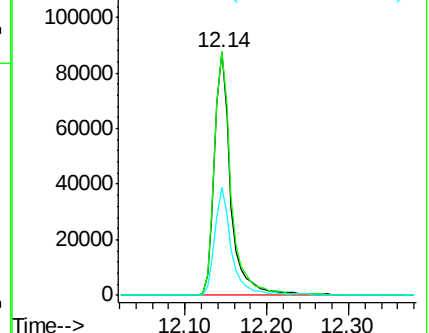
160 44.1 36.2 54.2



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: 2.61 ng

RT: 13.49 min Scan# 2040

Delta R.T. 0.04 min

Lab File: BF096101.D

Acq: 22 Jun 2017 00:08

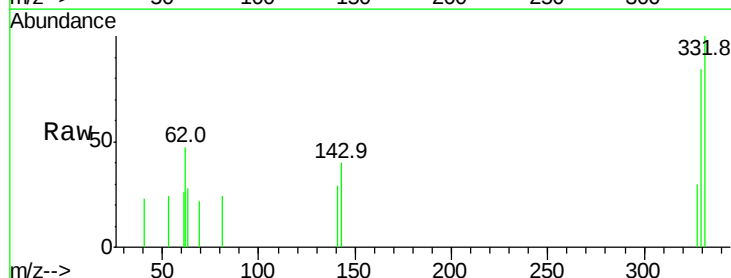
Tgt Ion:330 Resp: 2826

Ion Ratio Lower Upper

330 100

332 85.9 76.6 115.0

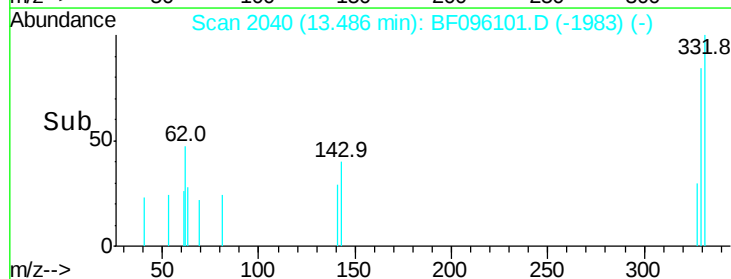
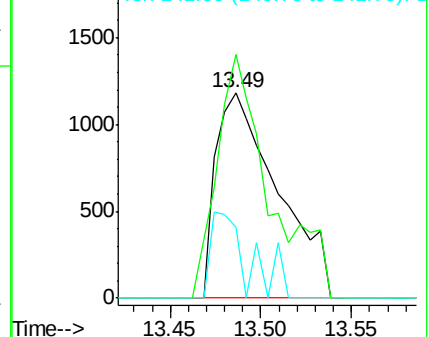
141 17.3 31.4 47.2#



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

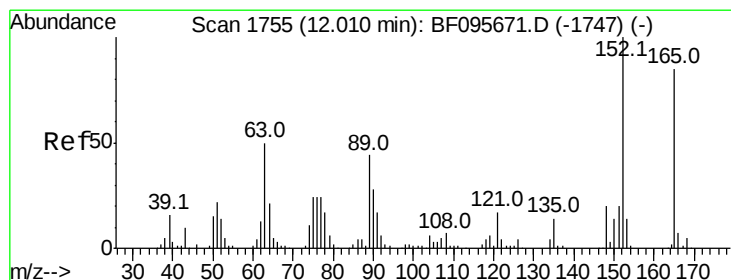
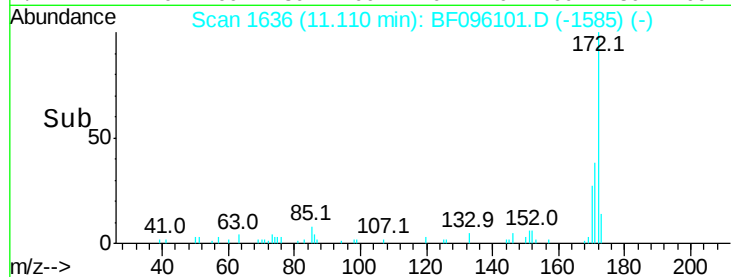
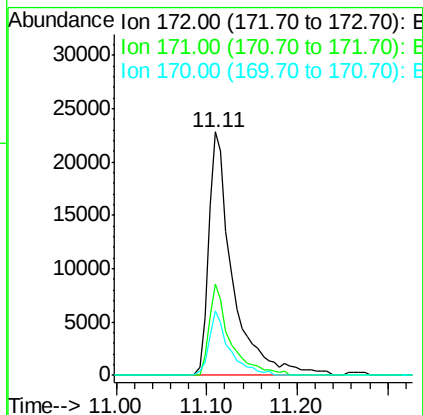
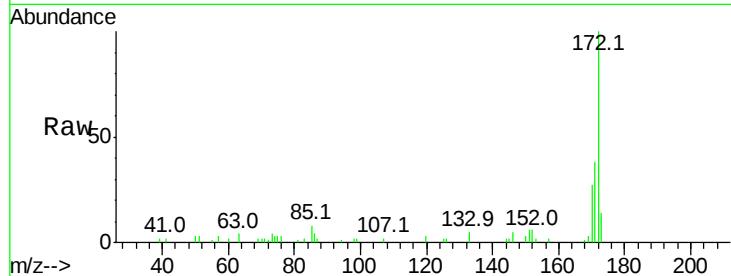




#44
 2-Fluorobiphenyl
 Concen: 4.78 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BF096101.D
 Acq: 22 Jun 2017 00:08

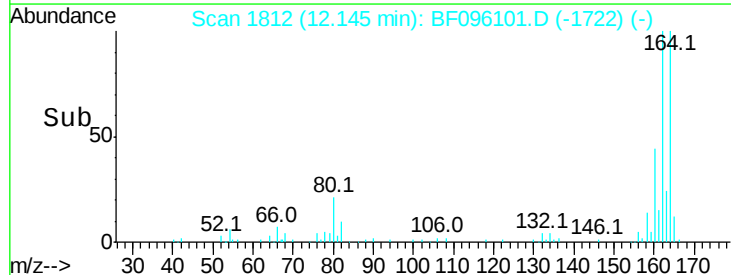
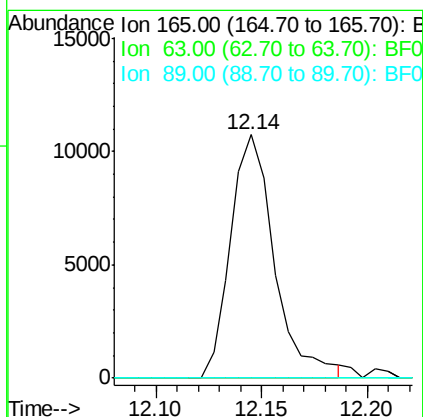
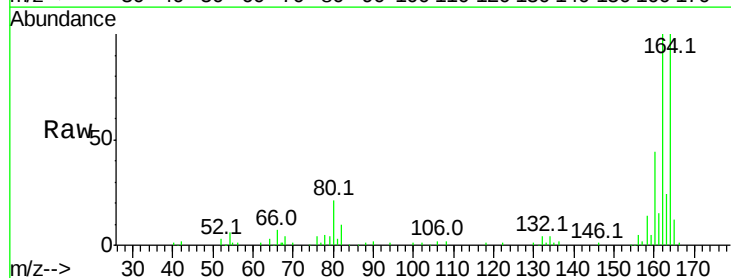
Instrument :
 BNA_F
 ClientSampleId :

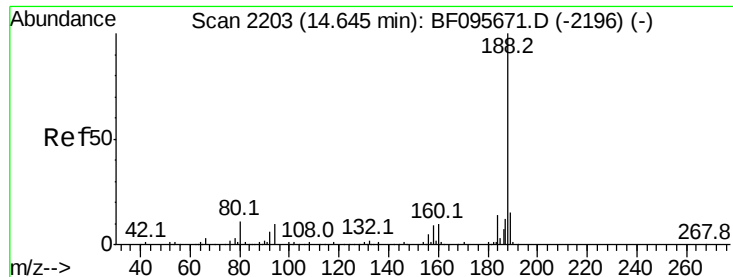
Tot Ion:172 Resp: 42020
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 26.5 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. 0.23 min
 Lab File: BF096101.D
 Acq: 22 Jun 2017 00:08

Tgt Ion:165 Resp: 15484
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

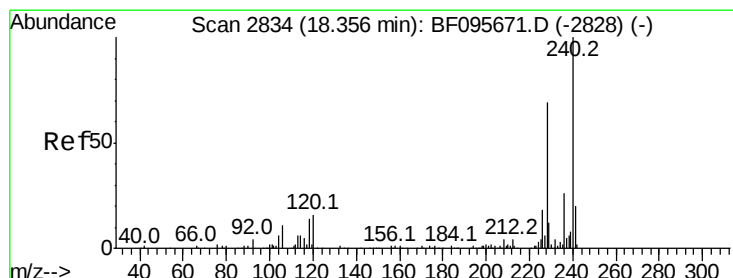
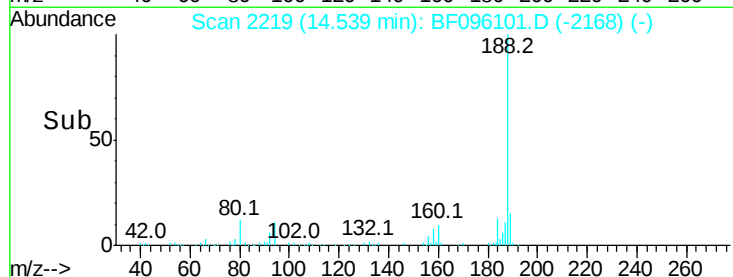
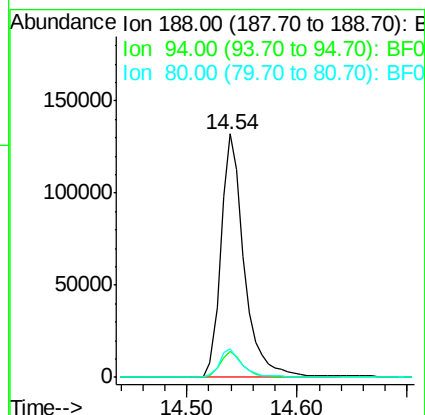
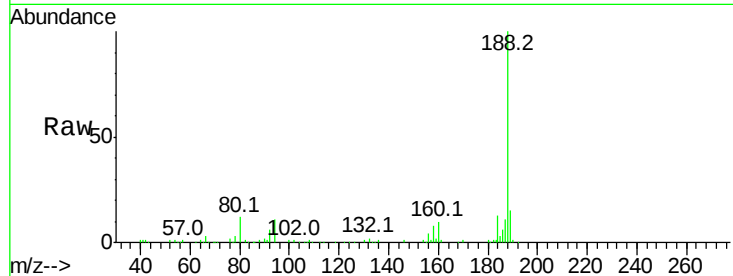




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF096101.D
Acq: 22 Jun 2017 00:08

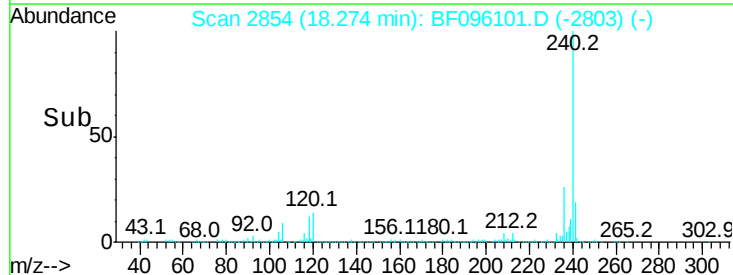
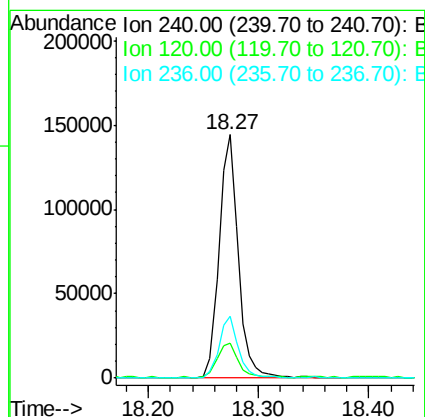
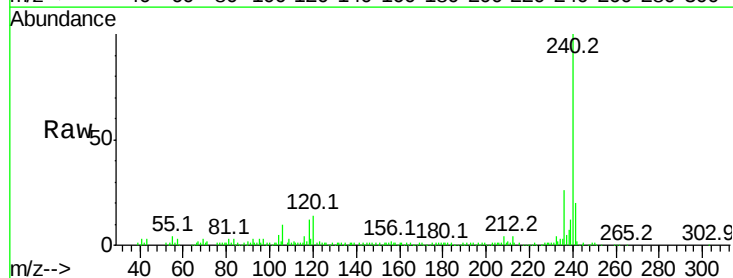
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 193991
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BF096101.D
Acq: 22 Jun 2017 00:08

Tgt Ion:240 Resp: 174161
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.6 20.5 30.7

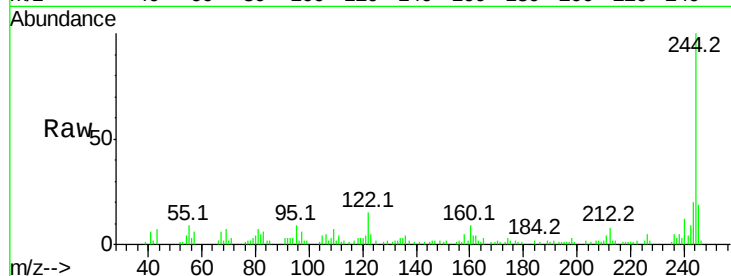




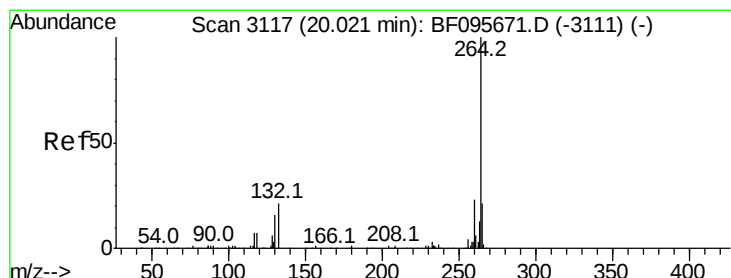
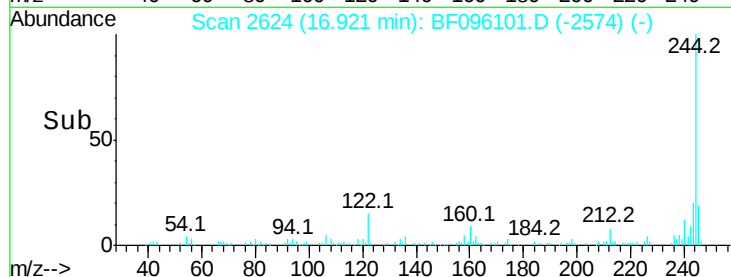
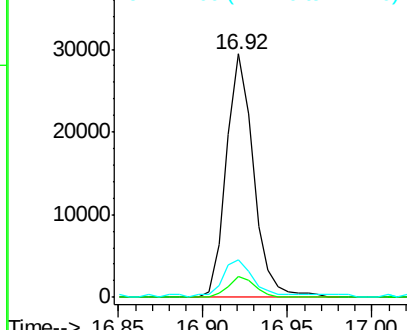
#78
 Terphenyl-d14
 Concen: 4.71 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096101.D
 Acq: 22 Jun 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 33036
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 15.3 10.3 15.5

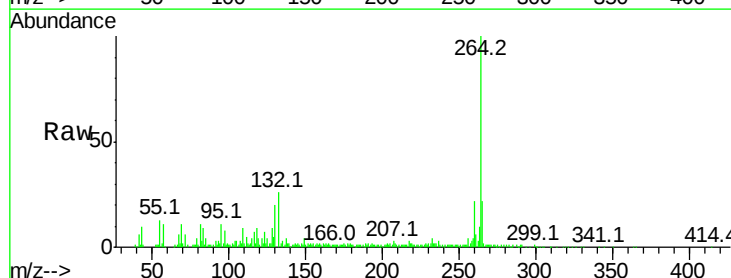


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096101.D
 Acq: 22 Jun 2017 00:08

Tgt Ion:264 Resp: 117741
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 22.0 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

