

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095934.D
 Acq On : 14 Jun 2017 21:25
 Operator : SJ/MA
 Sample : I3670-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CLINTON-AVE-1-2

Quant Time: Jun 15 02:29:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

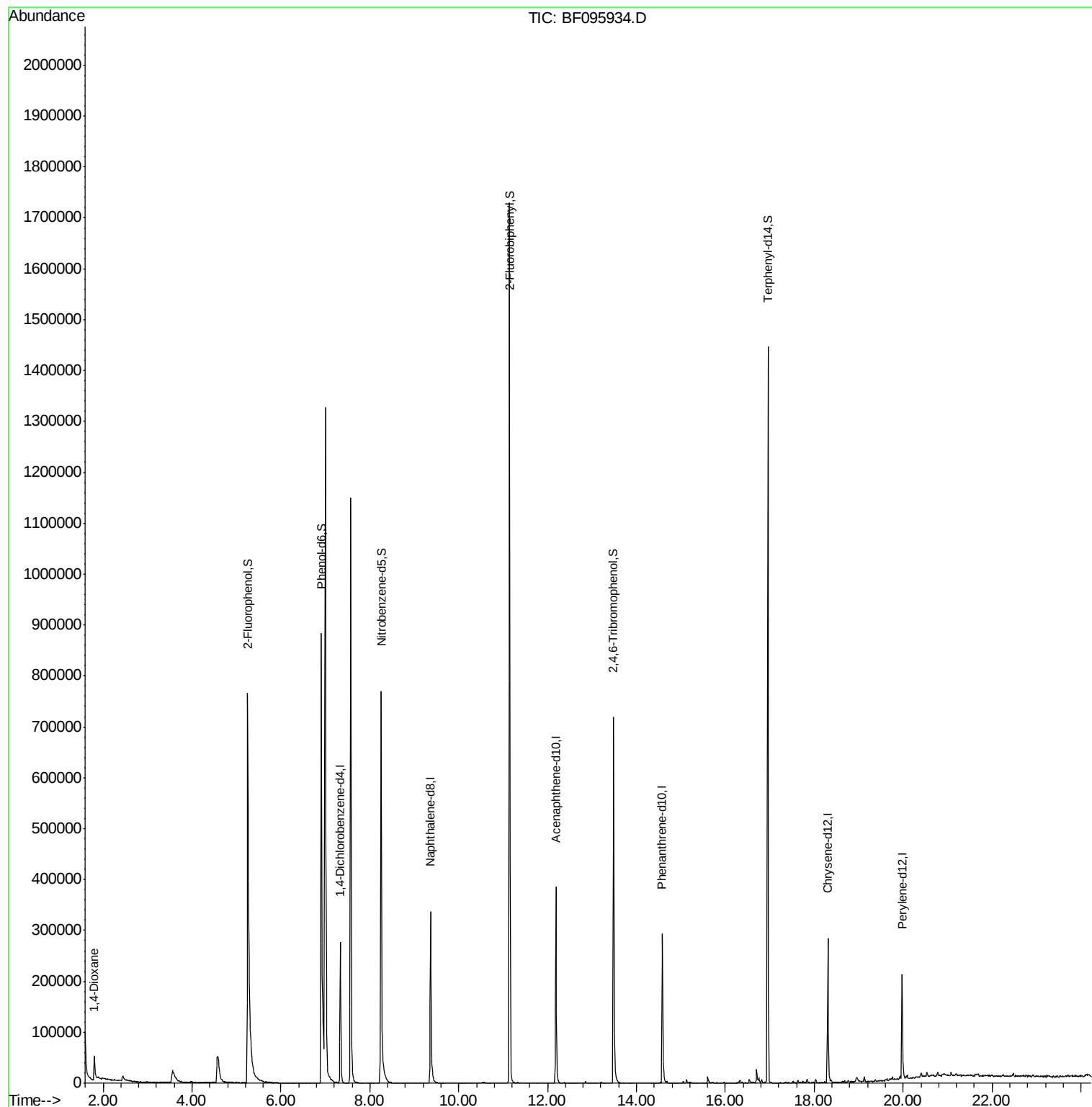
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69199	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	277711	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	117578	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	181995	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	142150	20.00	ng	-0.05
86) Perylene-d12	19.97	264	111349	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	589745	135.80	ng	-0.03
7) Phenol-d6	6.90	99	653475	125.69	ng	-0.05
23) Nitrobenzene-d5	8.26	82	437855	97.92	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	132399	127.27	ng	-0.06
44) 2-Fluorobiphenyl	11.14	172	829050	98.12	ng	-0.07
78) Terphenyl-d14	16.96	244	563993	98.47	ng	-0.06
Target Compounds						
2) 1,4-Dioxane	1.80	88	28372	13.73	ng	Qvalue 96

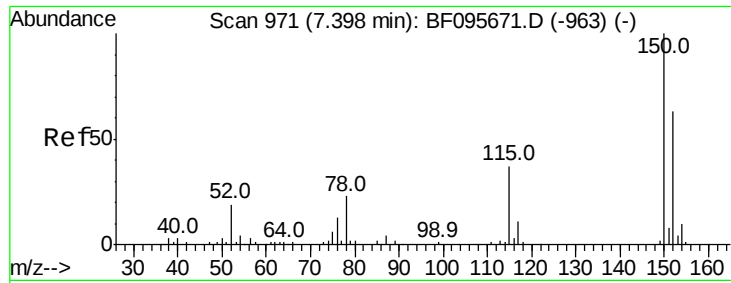
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 977

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

TP-CLINTON-AVE-1-2

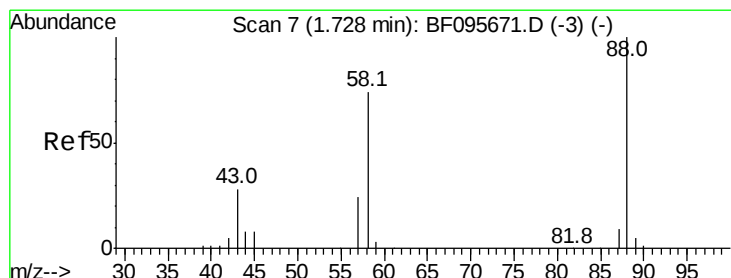
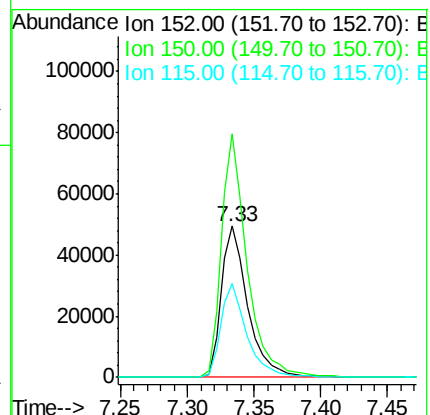
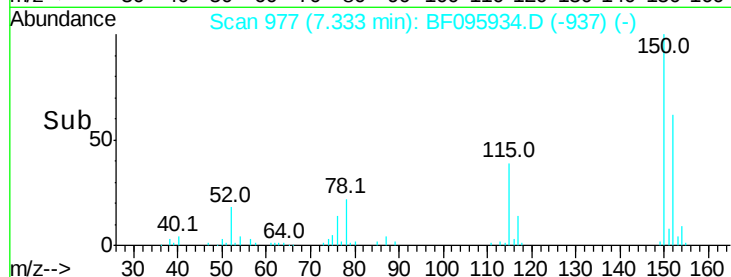
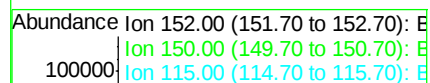
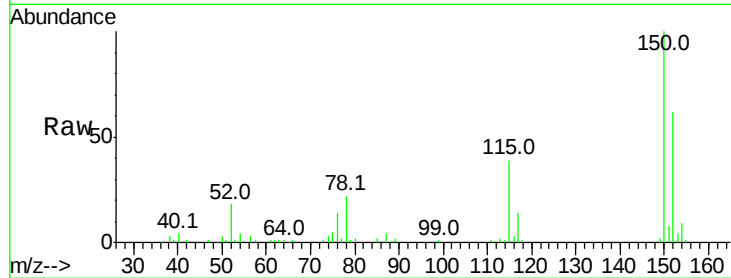
Tot Ion:152 Resp: 69199

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

115 62.5 52.2 78.2



#2

1,4-Dioxane

Concen: 13.73 ng

RT: 1.80 min Scan# 37

Delta R.T. 0.08 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

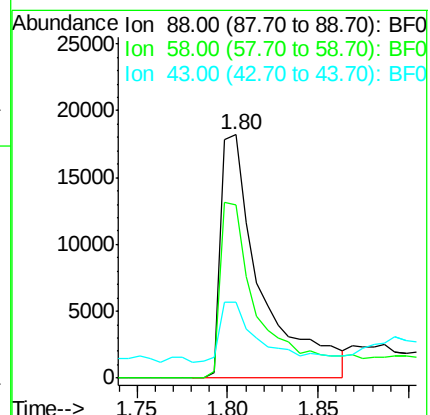
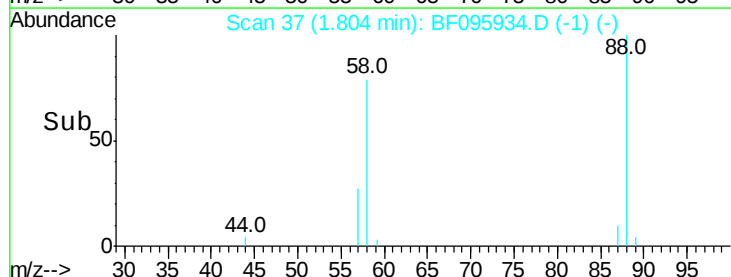
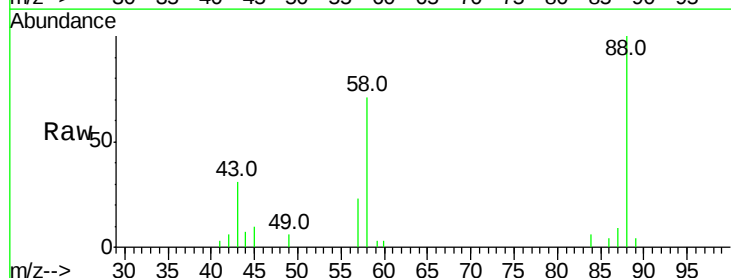
Tgt Ion: 88 Resp: 28372

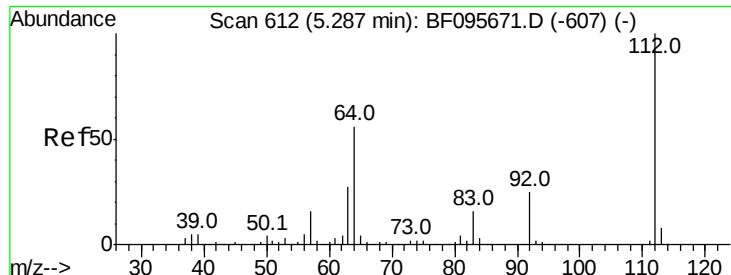
Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

43 23.6 23.4 35.0





#5

2-Fluorophenol

Concen: 135.80 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

TP-CLINTON-AVE-1-2

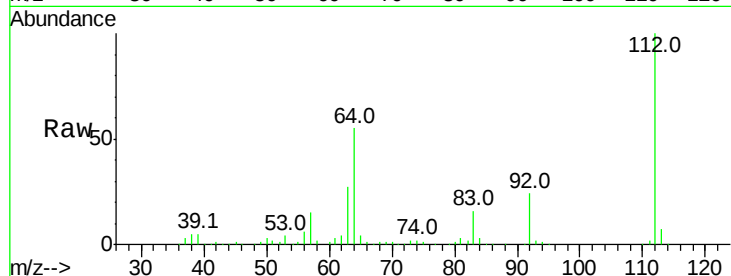
Tot Ion:112 Resp: 589745

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

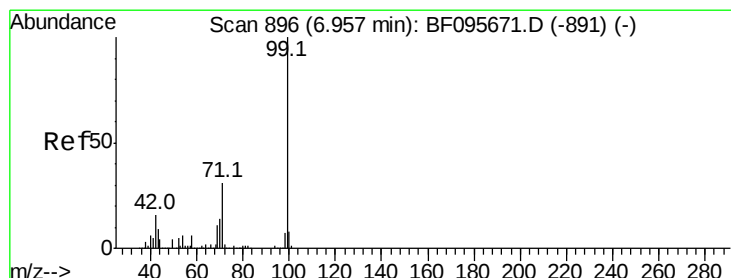
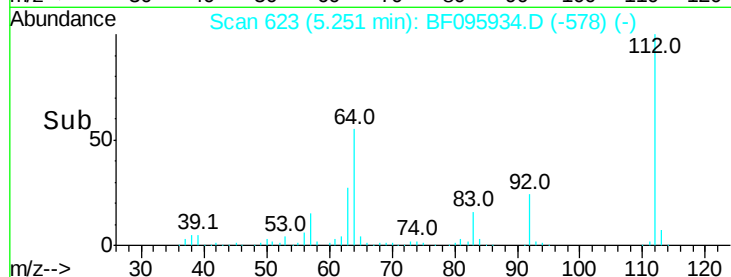
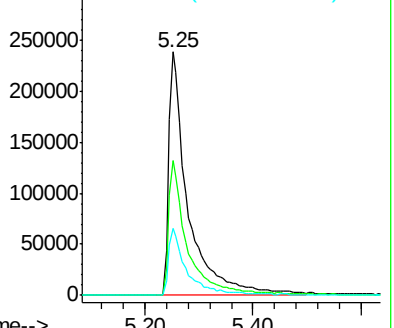
63 27.5 23.4 35.0



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: 125.69 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

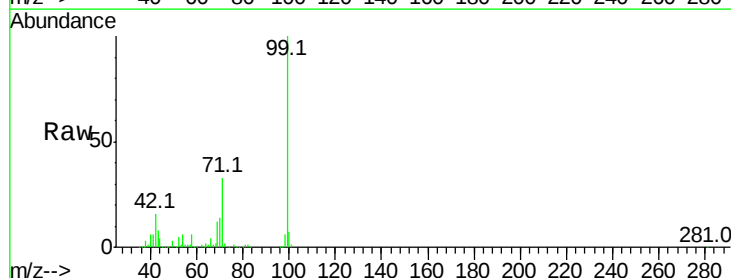
Tgt Ion: 99 Resp: 653475

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

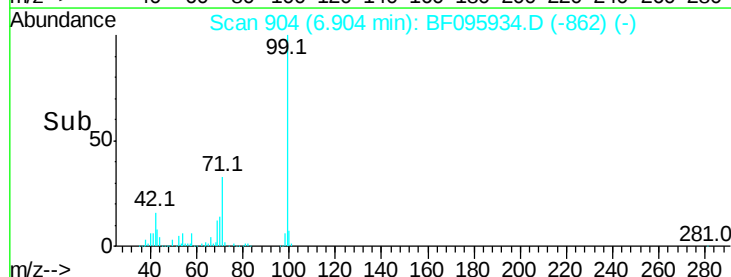
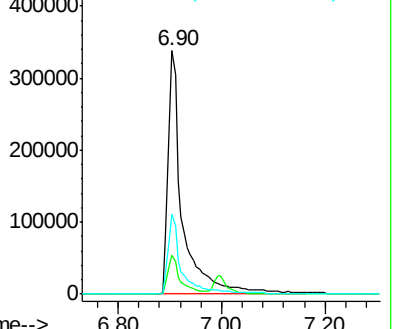
71 33.0 24.5 36.7

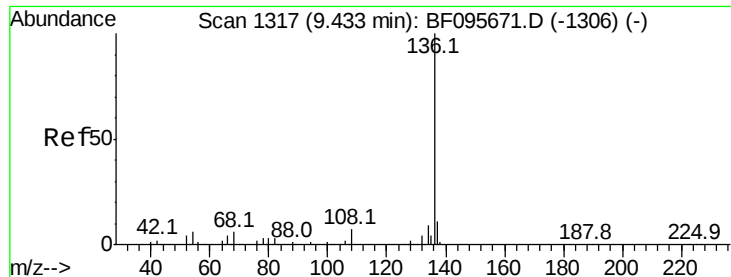


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

TP-CLINTON-AVE-1-2

Tot Ion:136 Resp: 277711

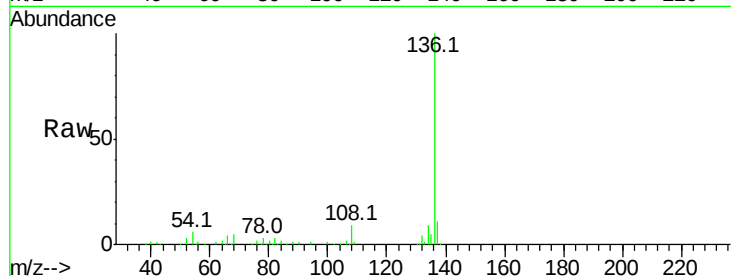
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.0 4.1 6.1

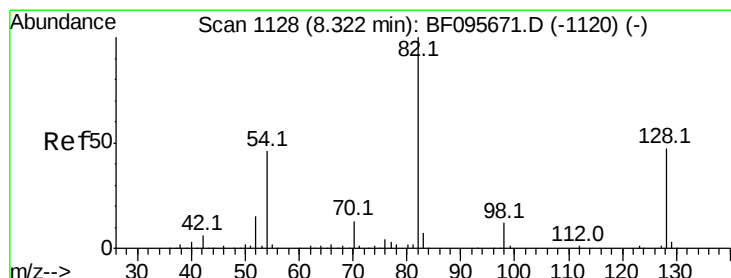
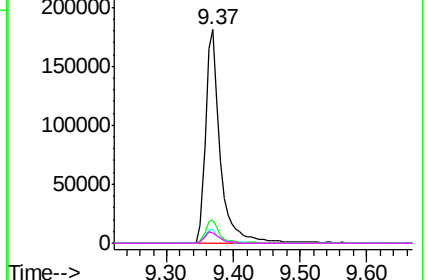
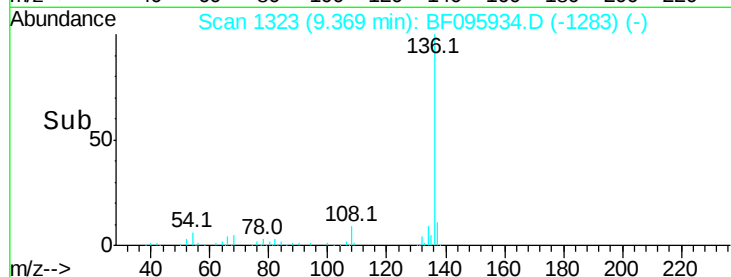


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.92 ng

RT: 8.26 min Scan# 1134

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

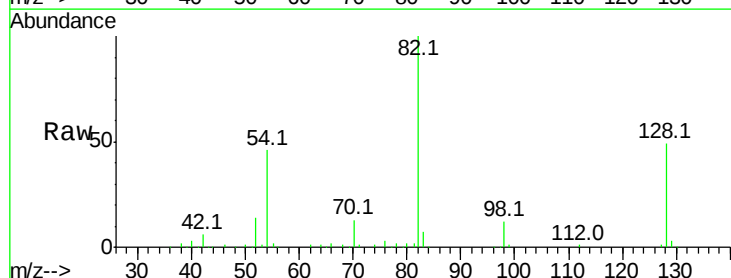
Tgt Ion: 82 Resp: 437855

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

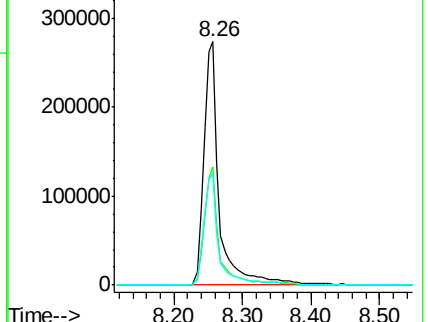
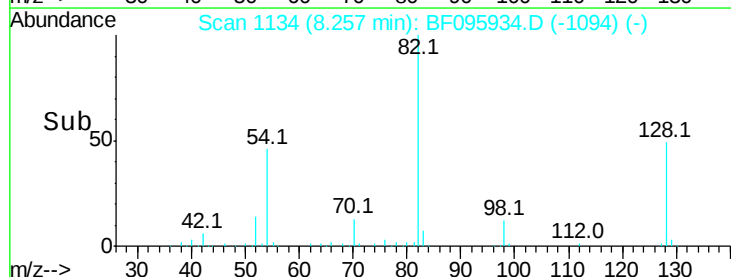
54 46.0 42.2 63.2



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: 12.19 min Scan# 1802

Delta R.T. -0.07 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

Instrument :

BNA_F

ClientSampleId :

TP-CLINTON-AVE-1-2

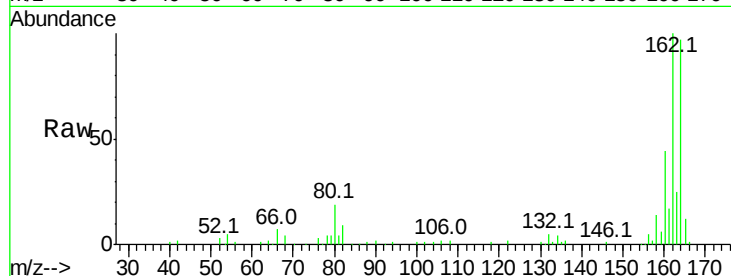
Tot Ion:164 Resp: 117578

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 45.0 36.2 54.2



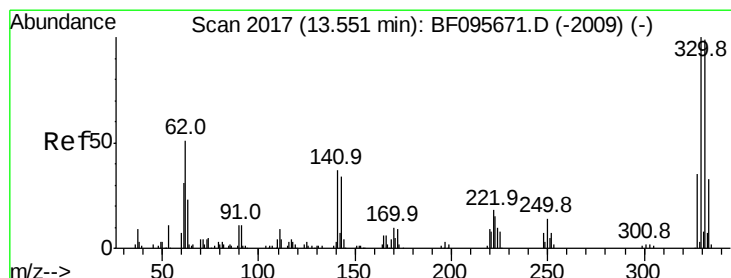
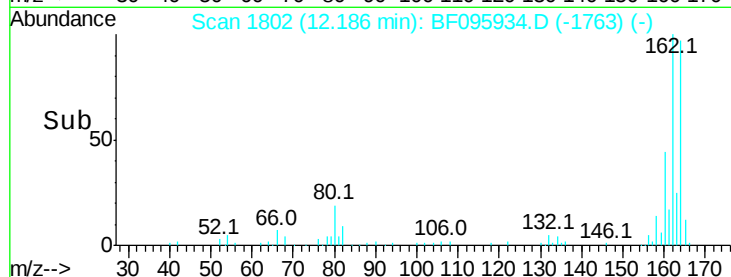
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

12.19

Time-->



#41

2,4,6-Tribromophenol

Concen: 127.27 ng

RT: 13.49 min Scan# 2023

Delta R.T. -0.06 min

Lab File: BF095934.D

Acq: 14 Jun 2017 21:25

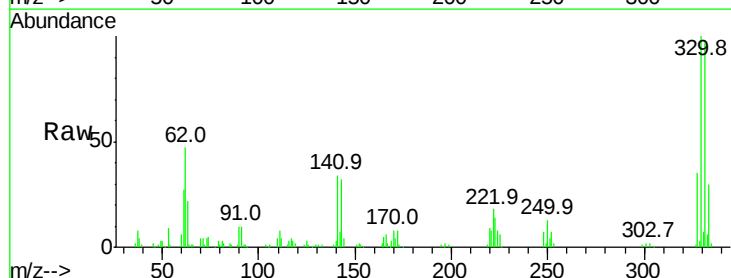
Tgt Ion:330 Resp: 132399

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

141 38.5 31.4 47.2



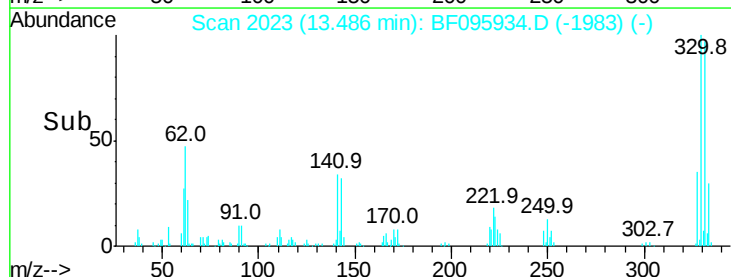
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

13.49

Time-->

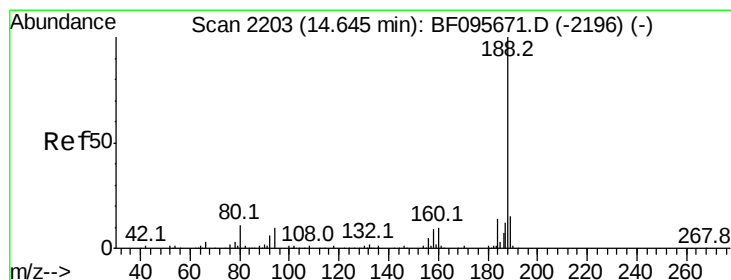
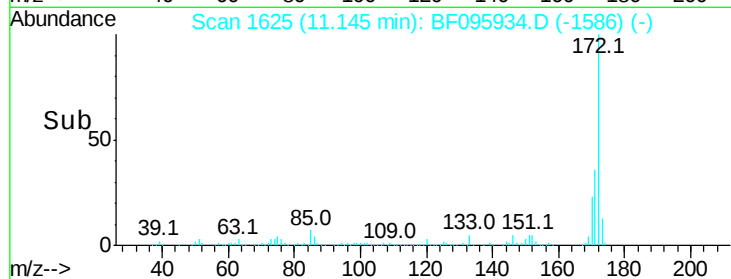
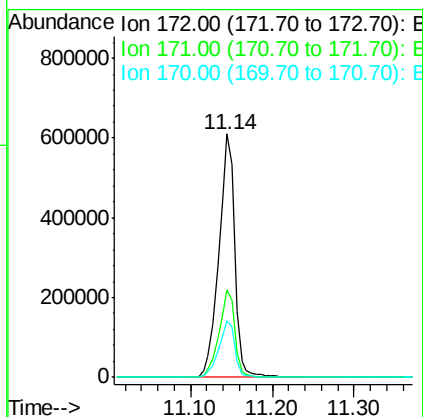
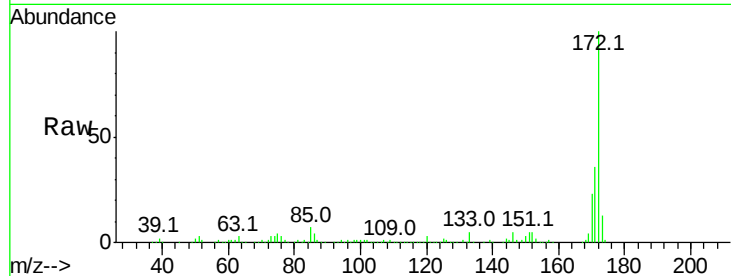




#44
2-Fluorobiphenyl
Concen: 98.12 ng
RT: 11.14 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

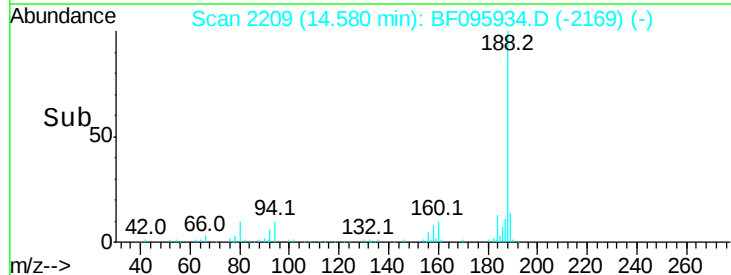
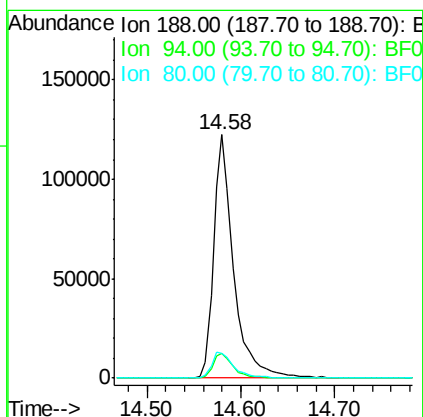
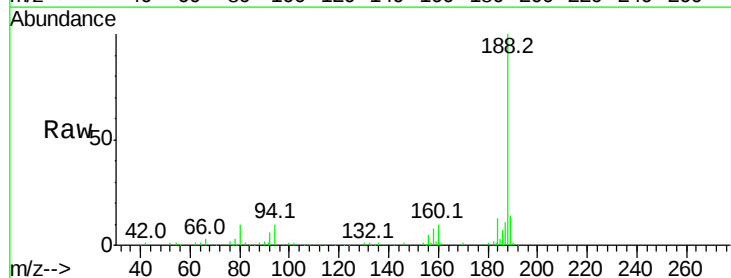
Instrument :
BNA_F
ClientSampleId :
TP-CLINTON-AVE-1-2

Tot Ion:172 Resp: 829050
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Tgt Ion:188 Resp: 181995
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 9.9 10.2 15.2#

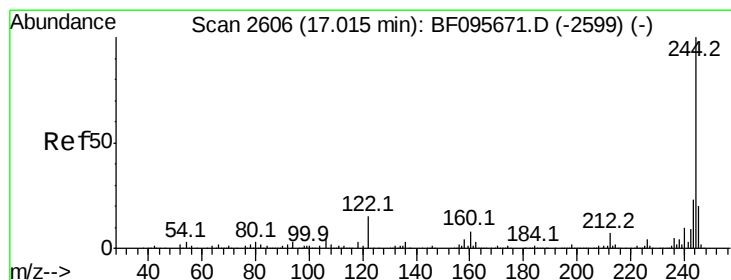
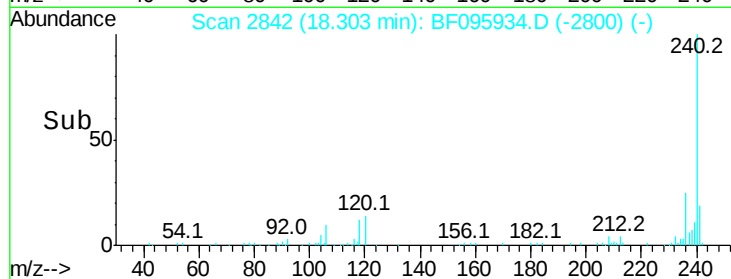
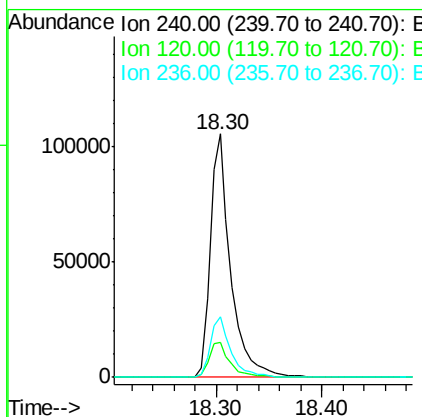
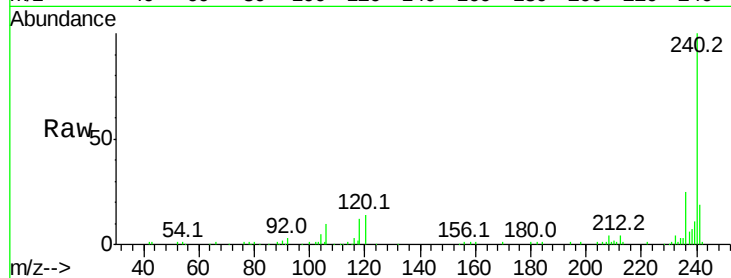




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.30 min Scan# 2842
 Delta R.T. -0.05 min
 Lab File: BF095934.D
 Acq: 14 Jun 2017 21:25

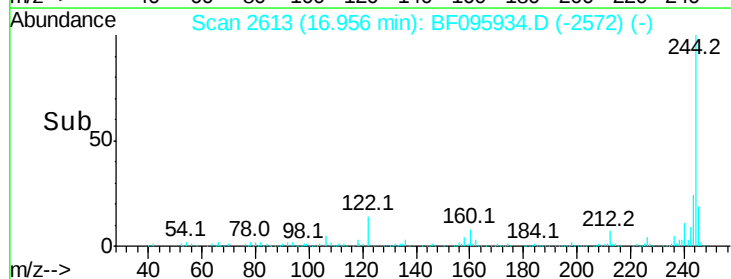
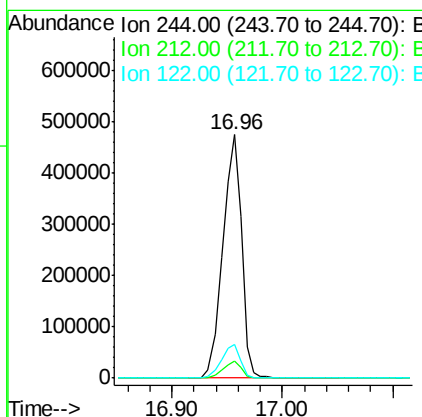
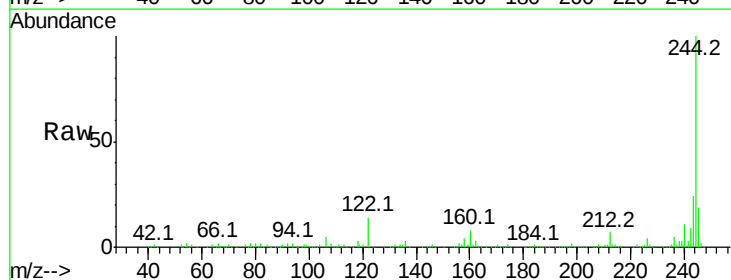
Instrument :
 BNA_F
 ClientSampleId :
 TP-CLINTON-AVE-1-2

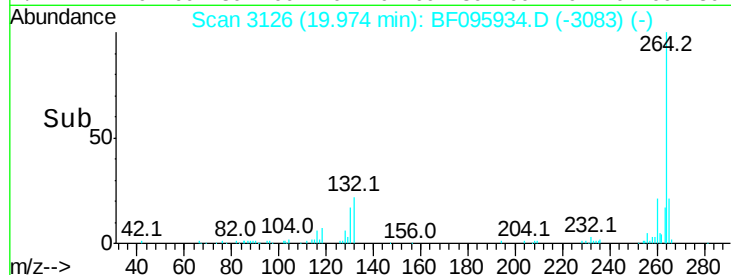
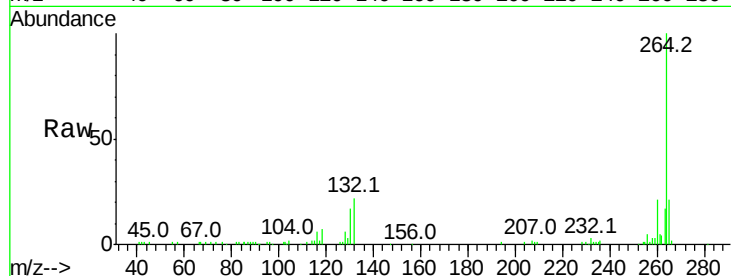
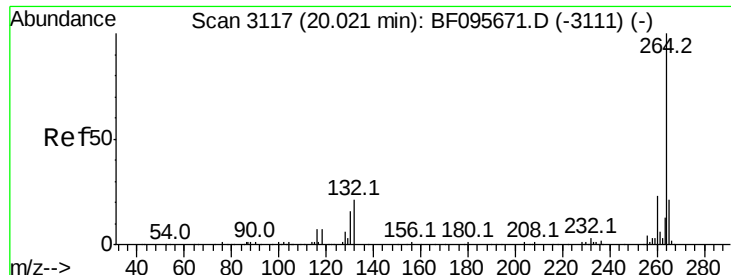
Tot Ion:240 Resp: 142150
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 98.47 ng
 RT: 16.96 min Scan# 2613
 Delta R.T. -0.06 min
 Lab File: BF095934.D
 Acq: 14 Jun 2017 21:25

Tgt Ion:244 Resp: 563993
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095934.D
Acq: 14 Jun 2017 21:25

Instrument :
BNA_F
ClientSampleId :
TP-CLINTON-AVE-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	20.7	17.2	25.8

