

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095702.D
 Acq On : 6 Jun 2017 11:23
 Operator : SJ/MA
 Sample : I3441-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

Quant Time: Jun 06 17:07:31 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

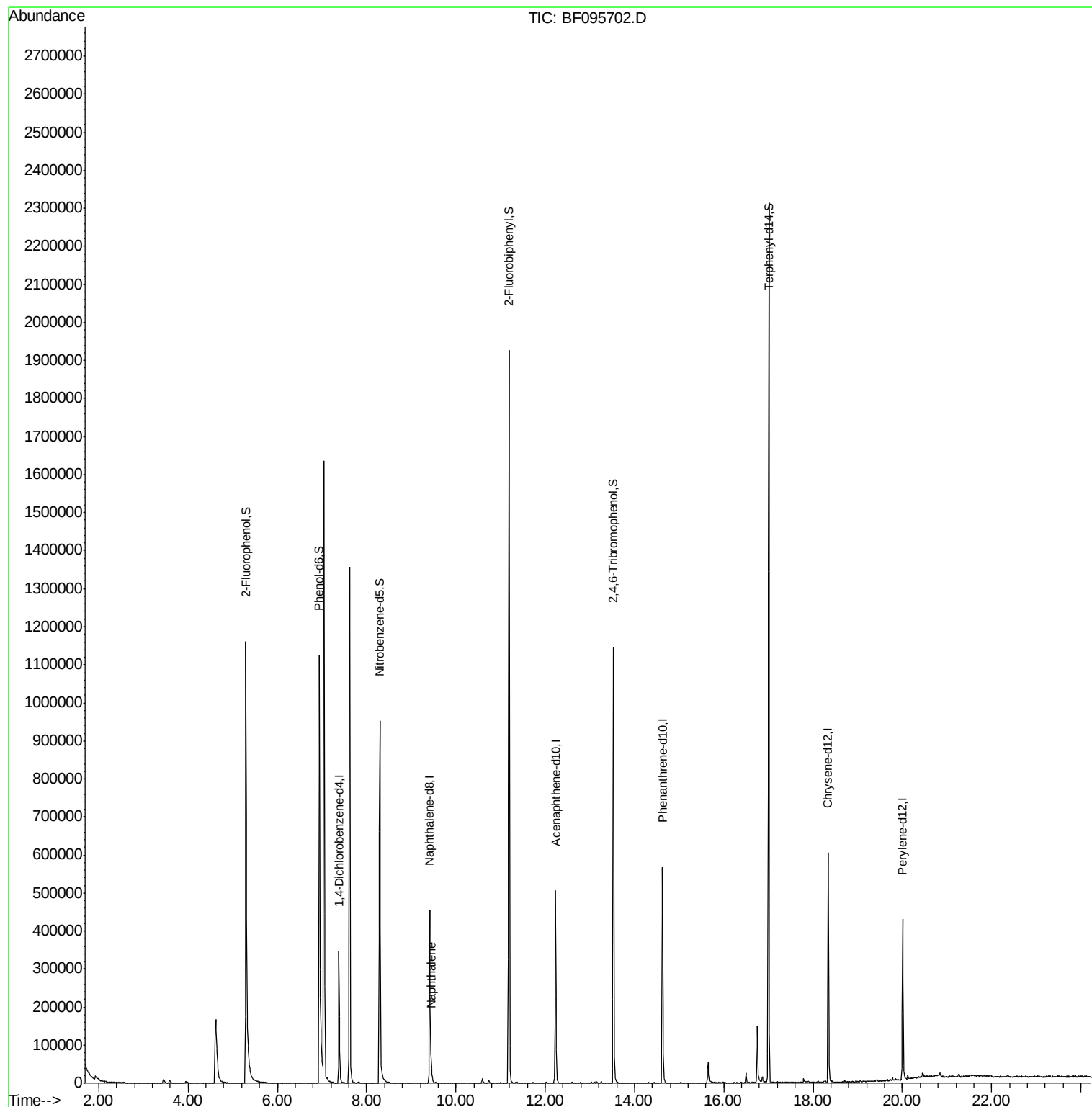
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79625	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	327691	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	157326	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	297719	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	280921	20.00	ng	-0.02
86) Perylene-d12	20.01	264	197174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	669422	133.96	ng	0.00
7) Phenol-d6	6.94	99	734615	122.80	ng	-0.02
23) Nitrobenzene-d5	8.30	82	510288	96.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	205129	147.37	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1039196	91.92	ng	-0.02
78) Terphenyl-d14	17.01	244	967058	85.43	ng	0.00
Target Compounds						
31) Naphthalene	9.45	128	57117	3.473	ng	Qvalue 97

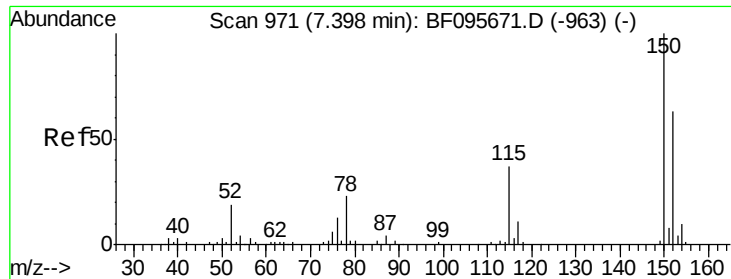
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095702.D
Acq On : 6 Jun 2017 11:23
Operator : SJ/MA
Sample : I3441-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Quant Time: Jun 06 17:07:31 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

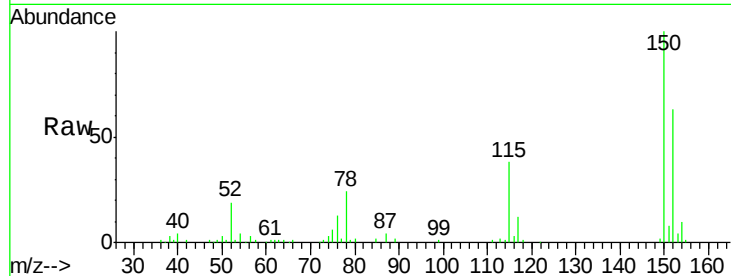




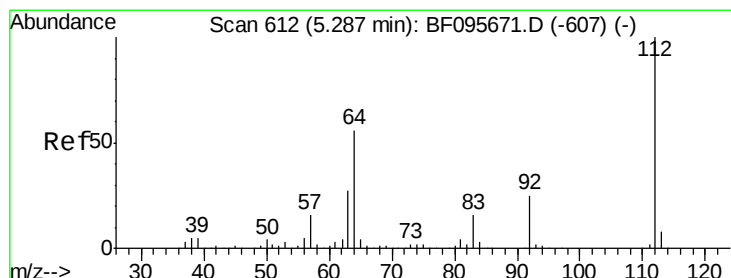
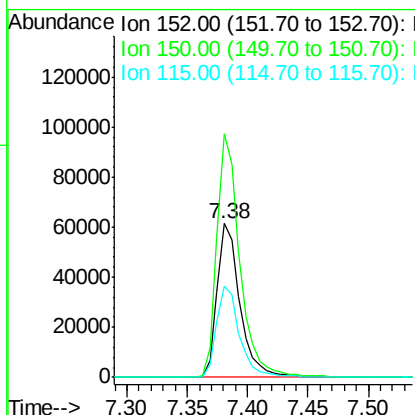
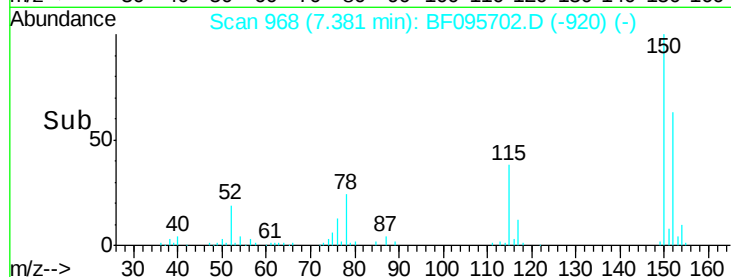
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.38 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

Tgt Ion:152 Resp: 79625
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 59.5 52.2 78.2

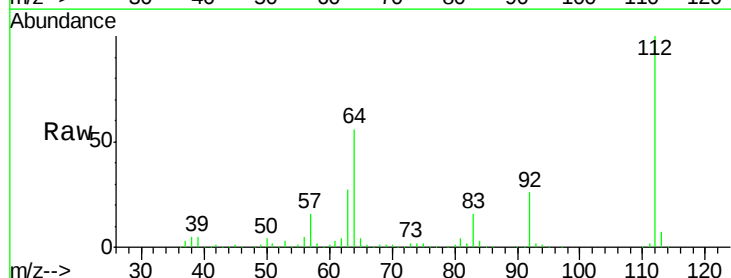


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

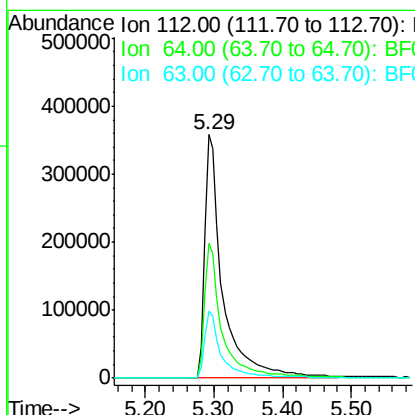
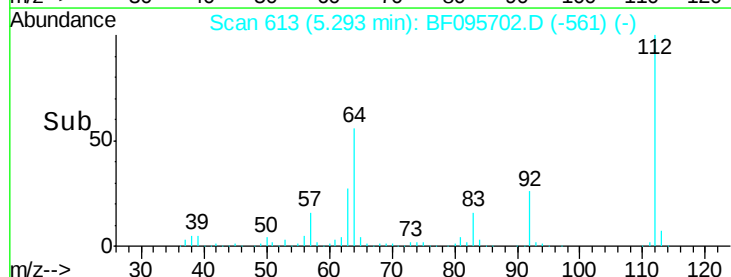


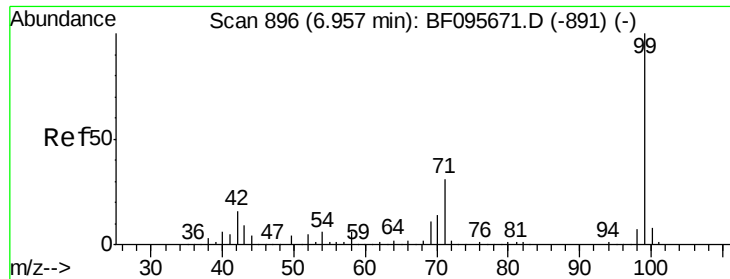
#5
 2-Fluorophenol
 Concen: 133.964 ng
 RT: 5.29 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion:112 Resp: 669422
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 27.4 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: 122.799 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampleId :

OR-RO-6789-060117

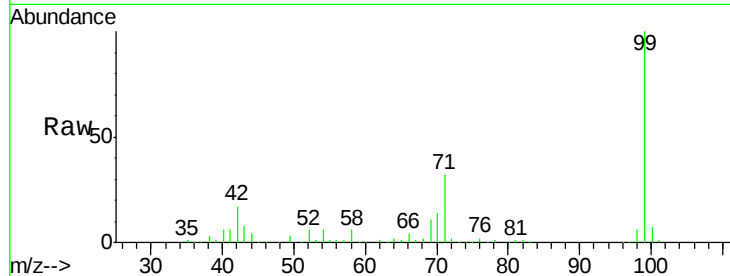
Tgt Ion: 99 Resp: 734615

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

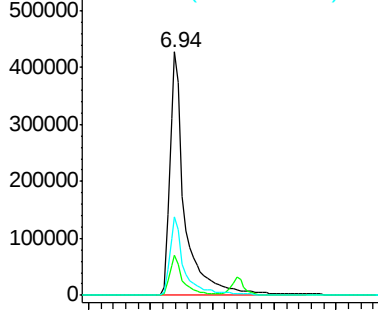
71 32.0 24.5 36.7



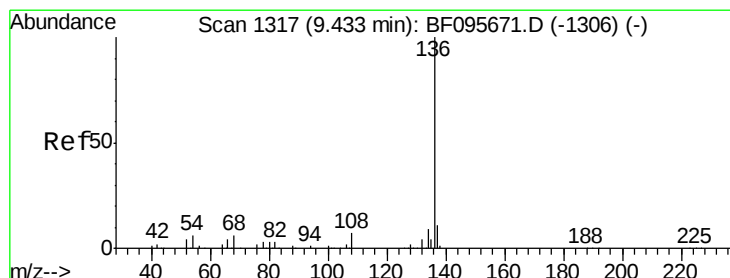
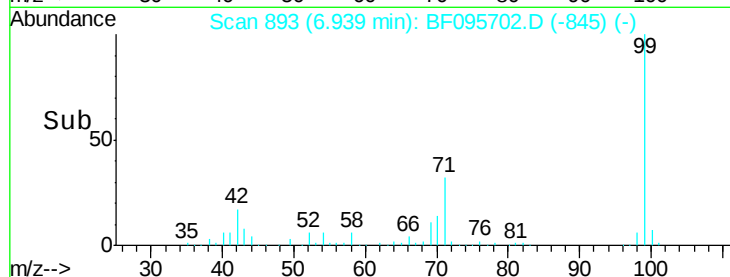
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time--> 6.80 6.90 7.00 7.10 7.20



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Tgt Ion: 136 Resp: 327691

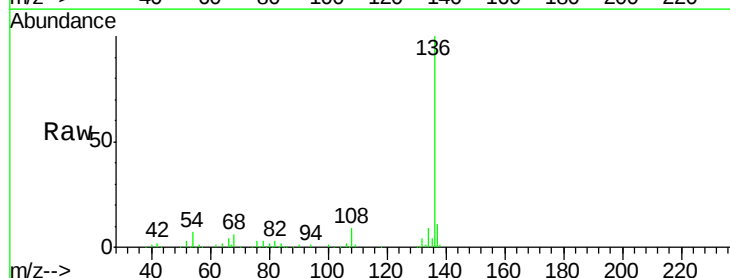
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

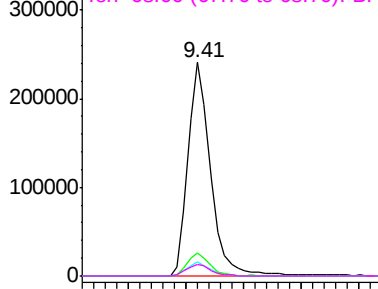


Abundance Ion 136.00 (135.70 to 136.70): E

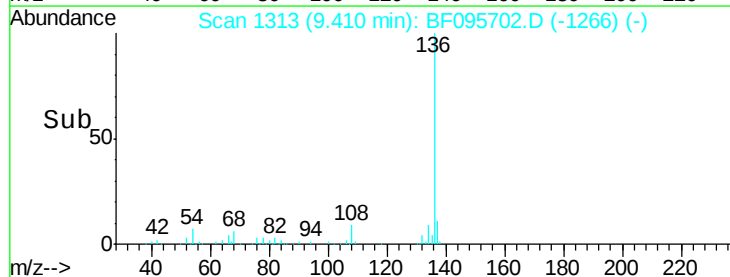
Ion 137.00 (136.70 to 137.70): E

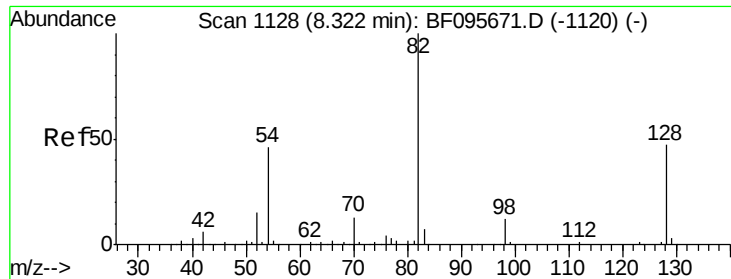
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 9.35 9.40 9.45 9.50 9.55

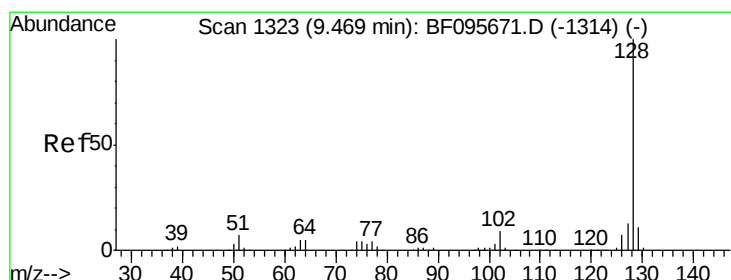
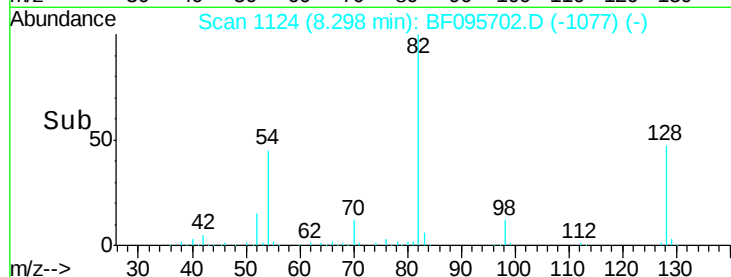
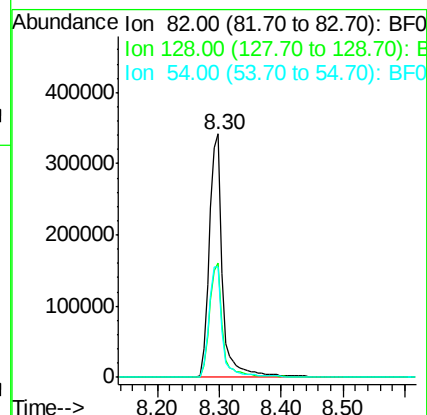
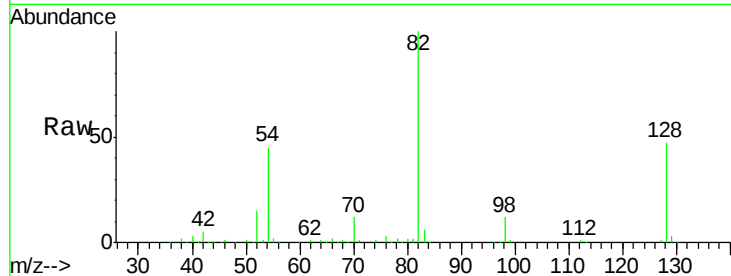




#23
 Nitrobenzene-d5
 Concen: 96.711 ng
 RT: 8.30 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

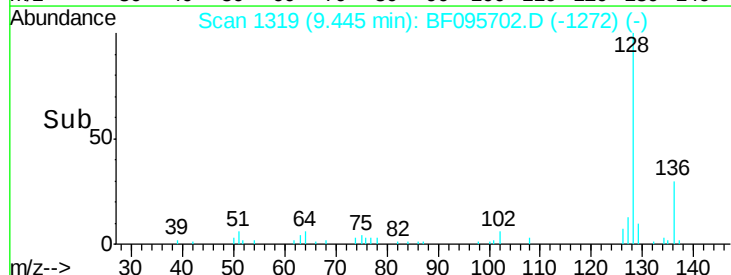
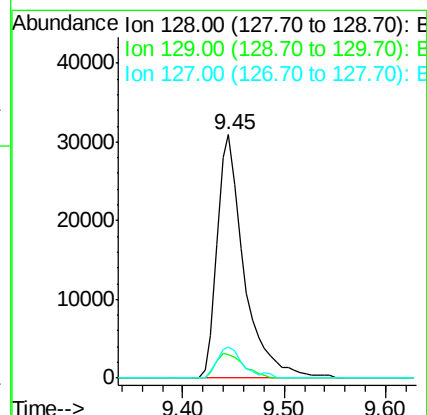
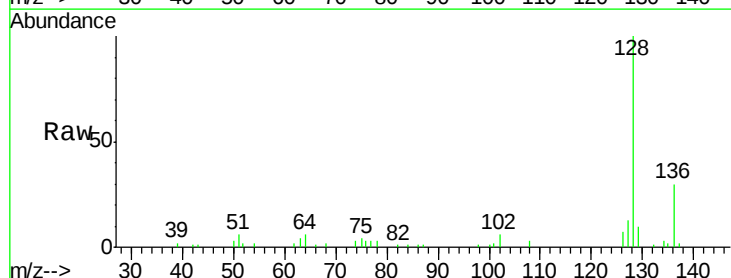
Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

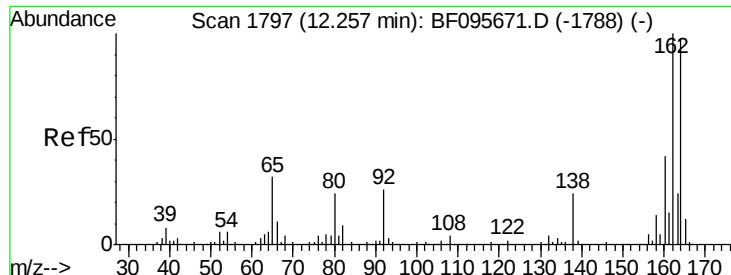
Tgt Ion: 82 Resp: 510288
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 45.3 42.2 63.2



#31
 Naphthalene
 Concen: 3.473 ng
 RT: 9.45 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion: 128 Resp: 57117
 Ion Ratio Lower Upper
 128 100
 129 9.5 9.0 13.6
 127 12.5 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampleId :

OR-RO-6789-060117

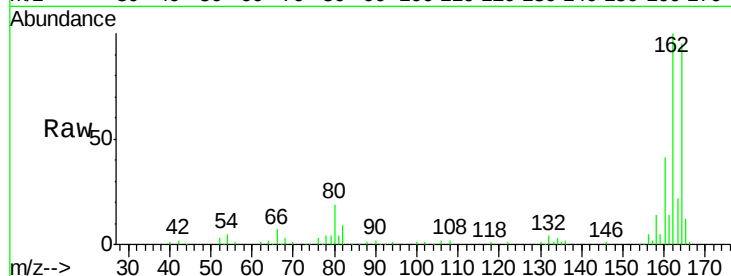
Tgt Ion:164 Resp: 157326

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

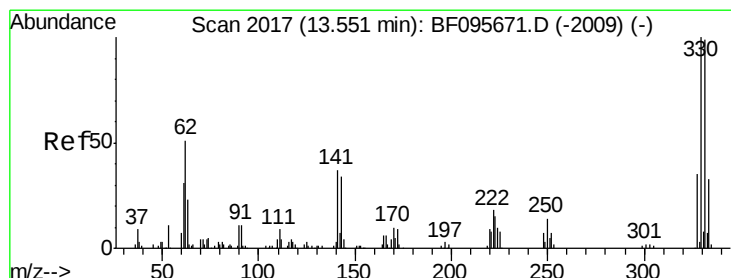
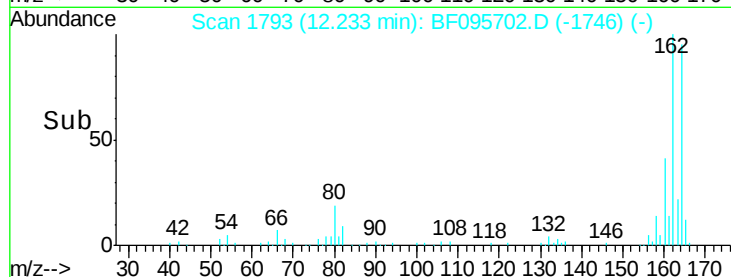
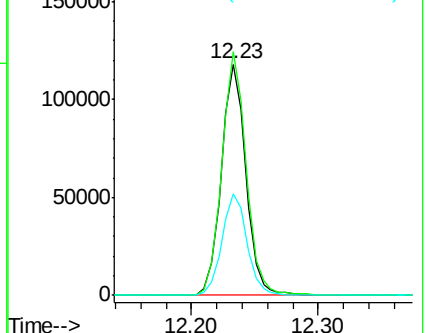
160 43.8 36.2 54.2



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: 147.366 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

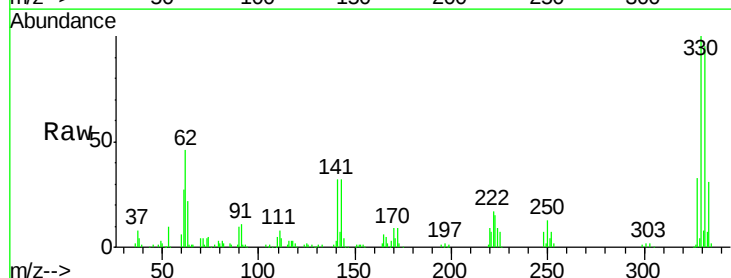
Tgt Ion:330 Resp: 205129

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

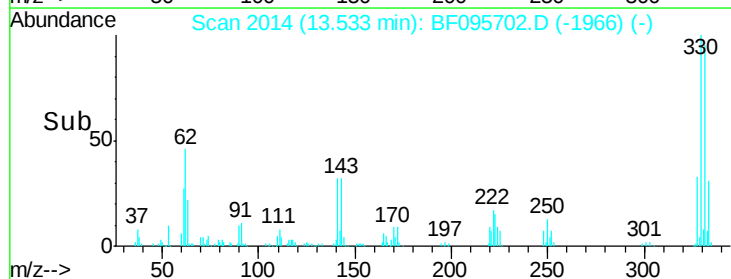
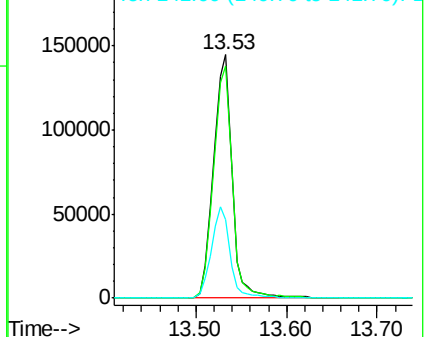
141 38.0 31.4 47.2

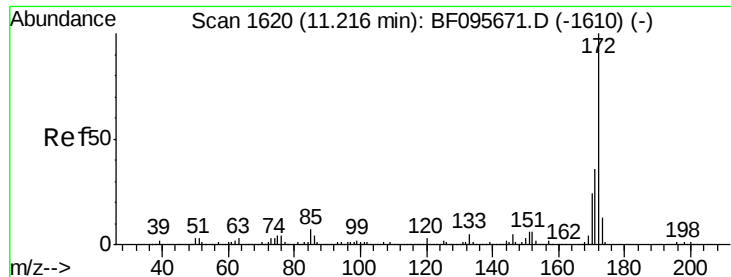


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

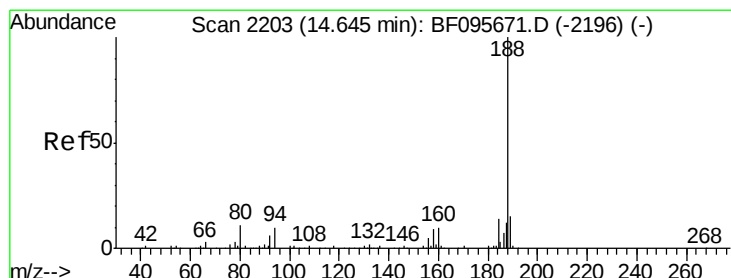
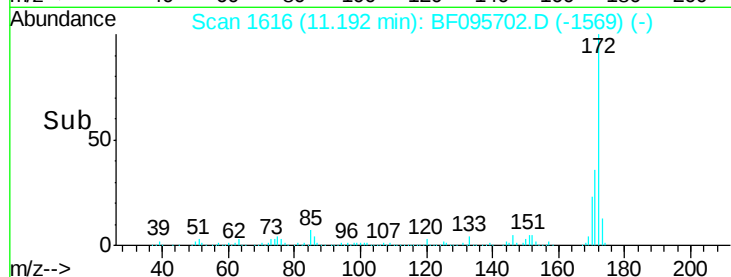
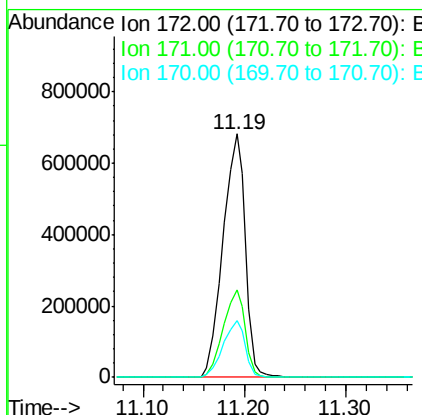
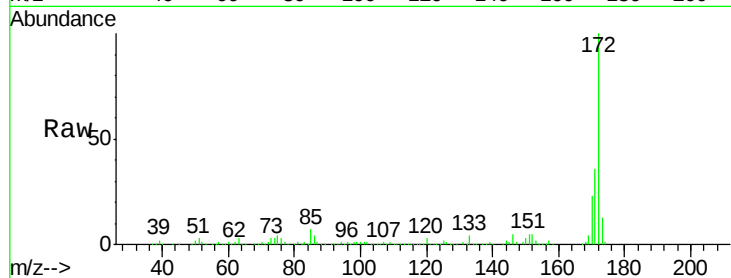




#44
 2-Fluorobiphenyl
 Concen: 91.919 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

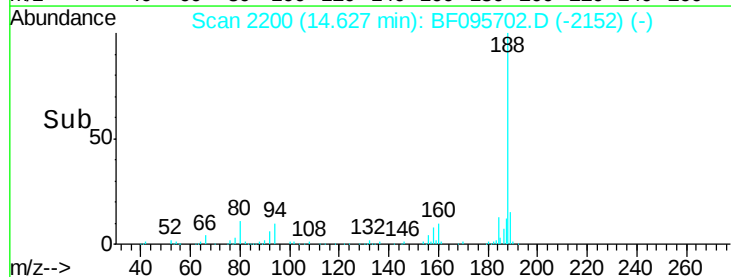
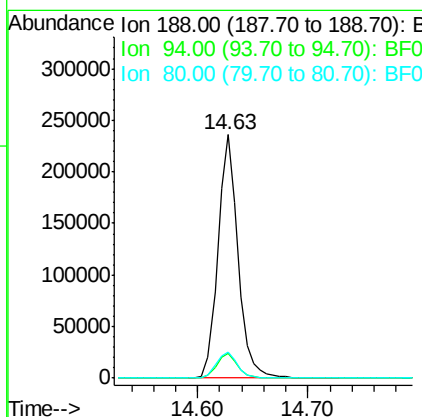
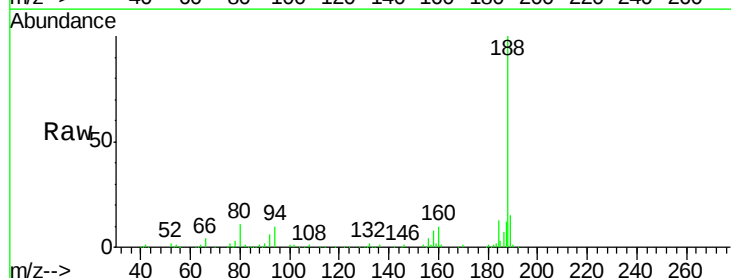
Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

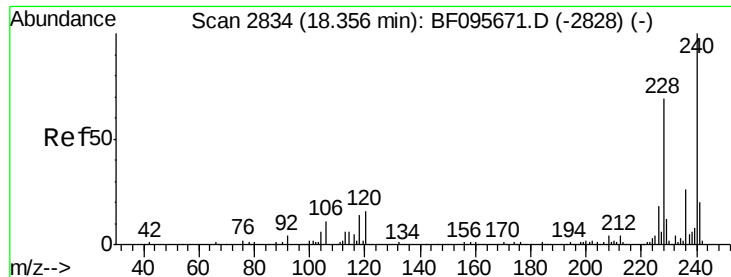
Tgt Ion:172 Resp: 1039196
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion:188 Resp: 297719
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.9 10.2 15.2

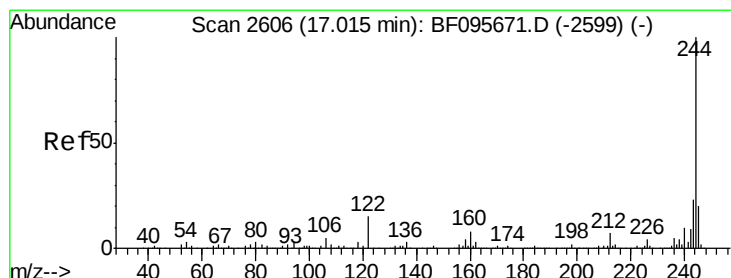
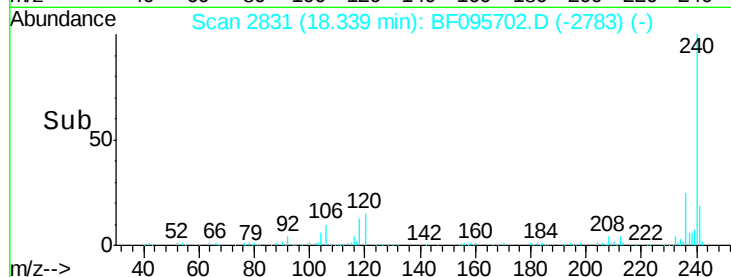
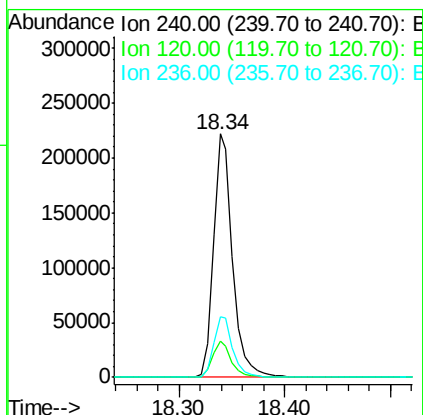
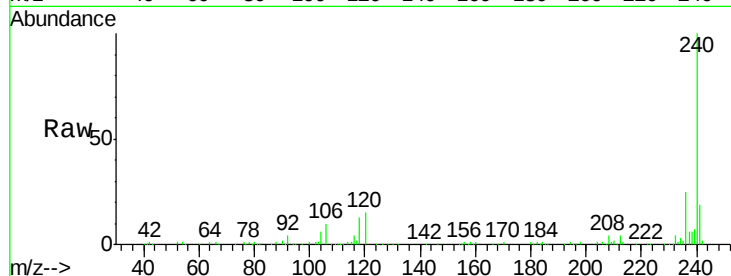




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.34 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

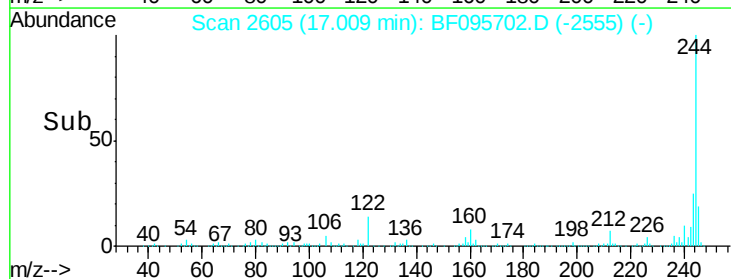
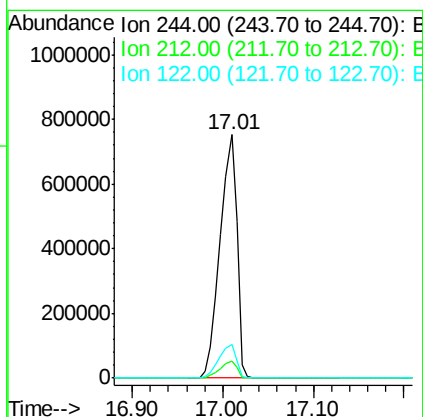
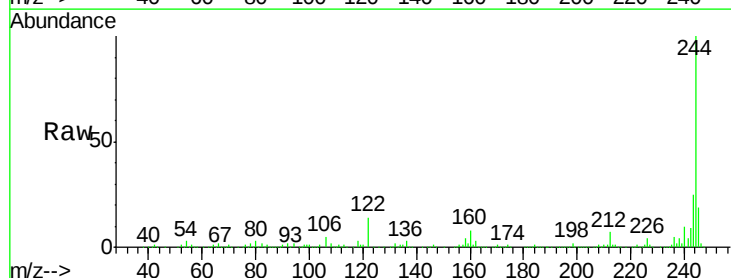
Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

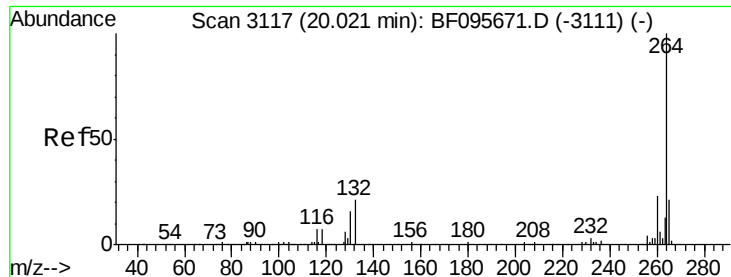
Tgt Ion:240 Resp: 280921
 Ion Ratio Lower Upper
 240 100
 120 14.7 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 85.433 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion:244 Resp: 967058
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.9 10.3 15.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 20.01 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BF095702.D

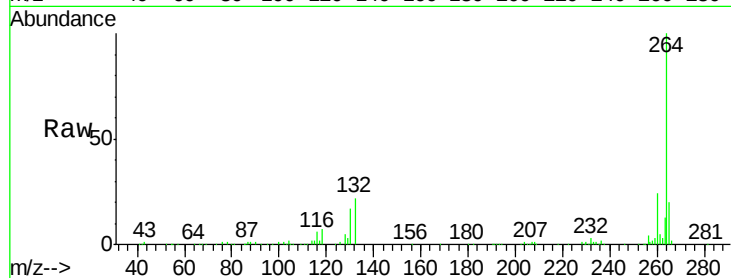
Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampleId :

OR-RO-6789-060117



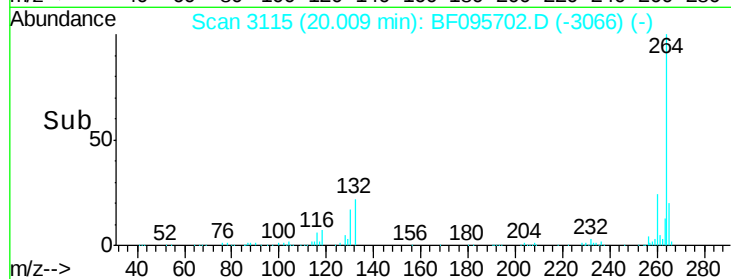
Tgt Ion: 264 Resp: 197174

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.1 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

