

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095913.D
 Acq On : 14 Jun 2017 1:39
 Operator : SJ/MA
 Sample : I3624-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:16:23 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

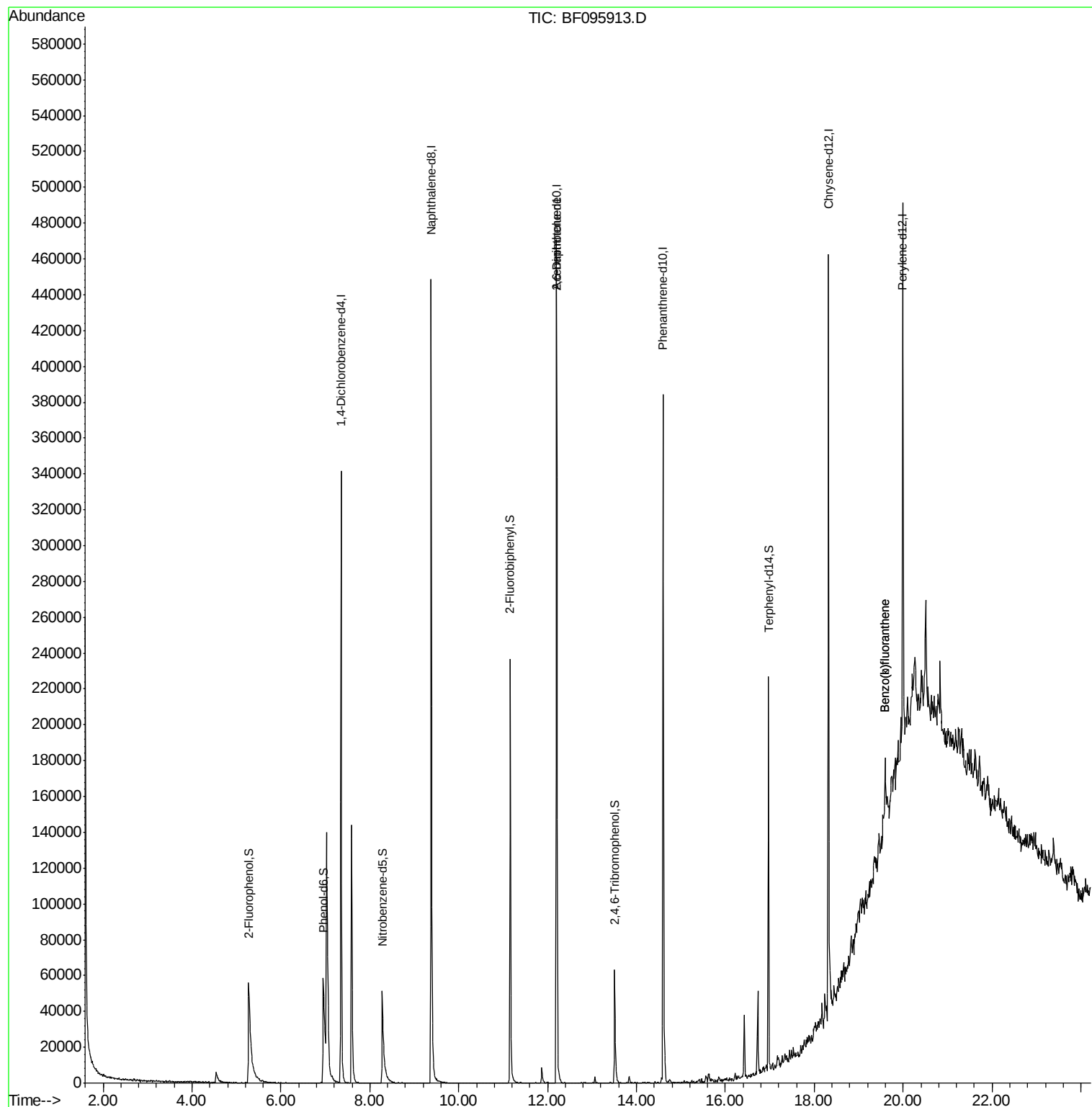
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	83862	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	330453	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	135621	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	208969	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	170525	20.00	ng	-0.04
86) Perylene-d12	19.99	264	128429	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	75552	14.36	ng	0.00
7) Phenol-d6	6.95	99	88961	14.12	ng	0.00
23) Nitrobenzene-d5	8.28	82	54027	10.15	ng	-0.04
41) 2,4,6-Tribromophenol	13.51	330	15113	12.59	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	118164	12.12	ng	-0.06
78) Terphenyl-d14	16.97	244	77223	11.24	ng	-0.05
Target Compounds						
50) 2,6-Dinitrotoluene	12.20	165	17156	7.64	ng	# 31
87) Benzo(b)fluoranthene	19.59	252	17595	2.19	ng	# 72
88) Benzo(k)fluoranthene	19.59	252	17595	2.29	ng	# 76

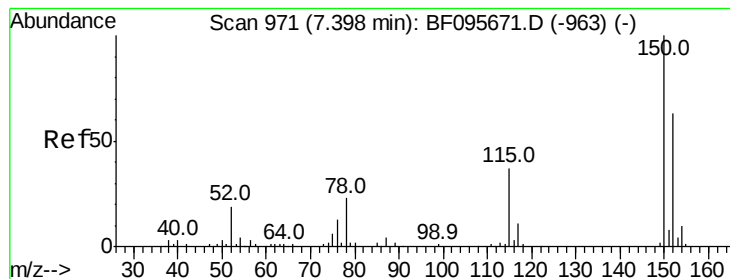
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

Instrument :

BNA_F

ClientSampleId :

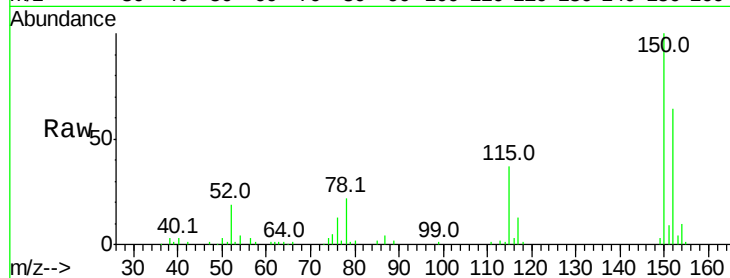
Tot Ion:152 Resp: 83862

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

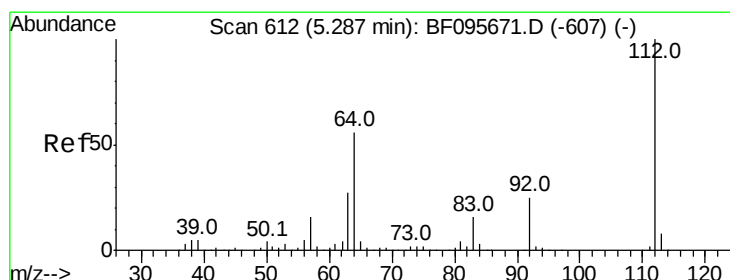
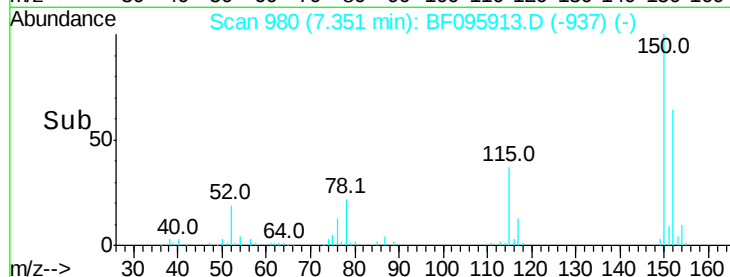
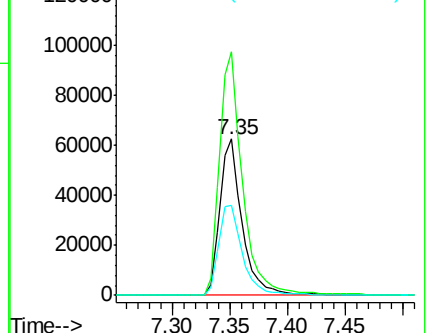
115 58.0 52.2 78.2



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: 14.36 ng

RT: 5.28 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

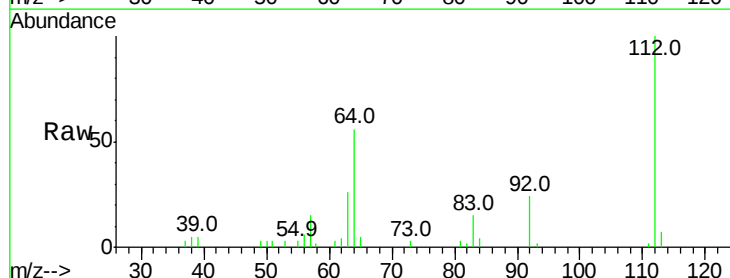
Tgt Ion:112 Resp: 75552

Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

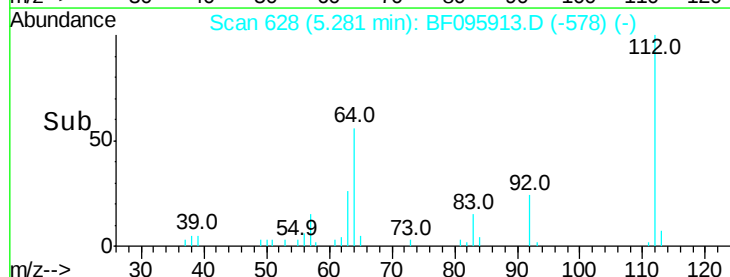
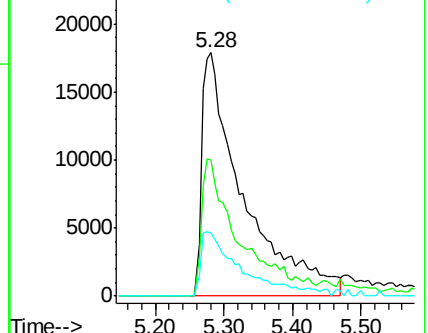
63 25.7 23.4 35.0

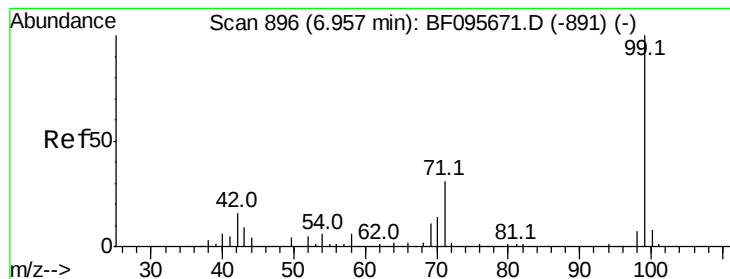


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.12 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

Instrument :

BNA_F

ClientSampleId :

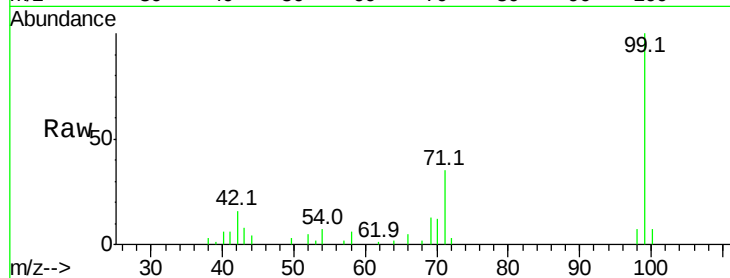
Tot Ion: 99 Resp: 88961

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

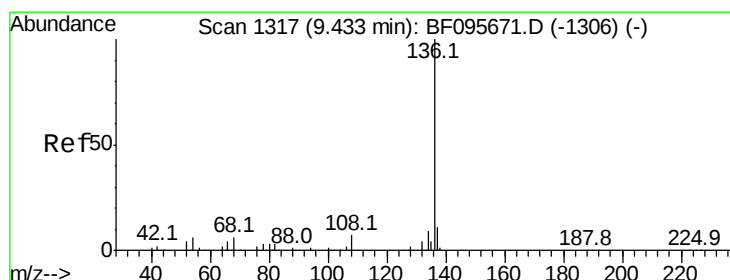
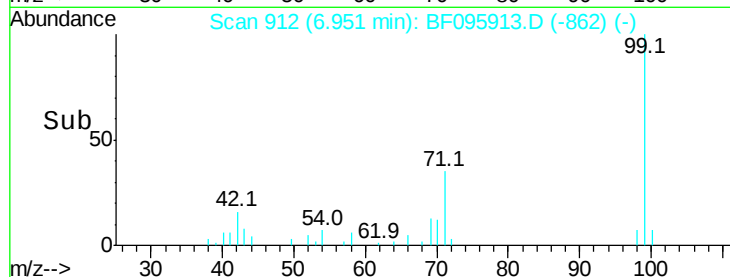
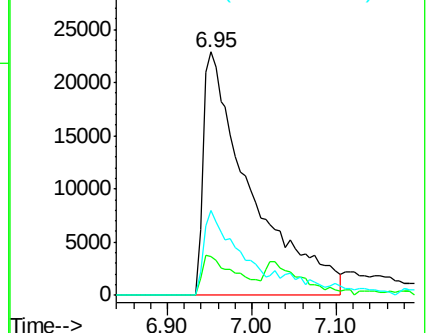
71 35.0 24.5 36.7



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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

Tgt Ion: 136 Resp: 330453

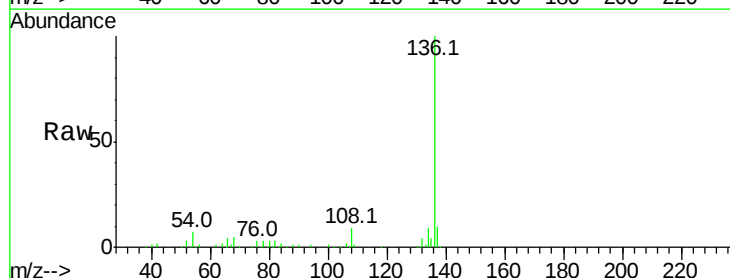
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

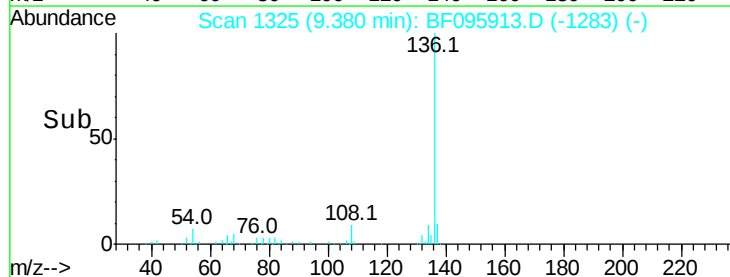
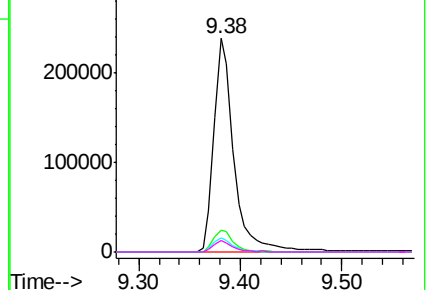


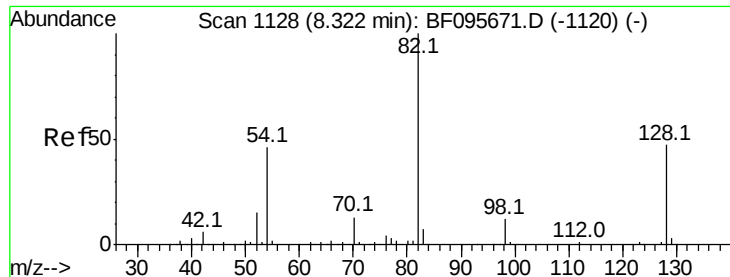
Abundance Ion 136.00 (135.70 to 136.70): E

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

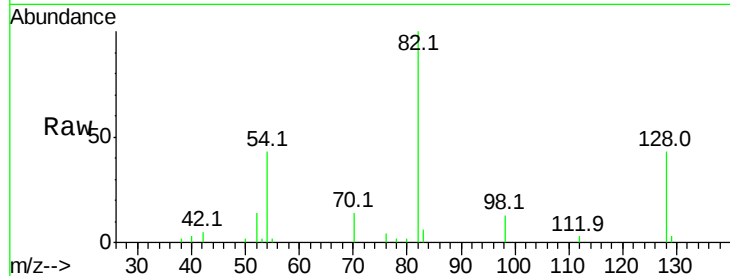




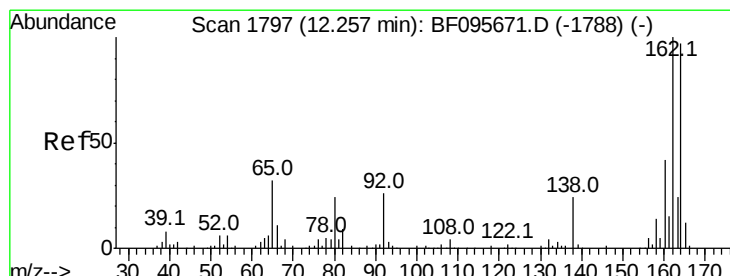
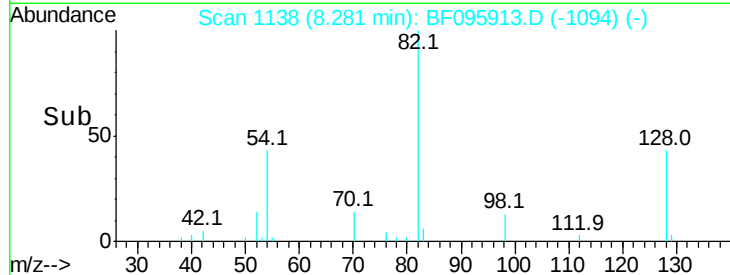
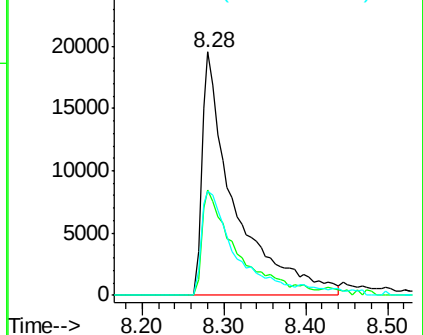
#23
Nitrobenzene-d5
Concen: 10.15 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095913.D
Acq: 14 Jun 2017 1:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	54027
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	42.6	42.2	63.2

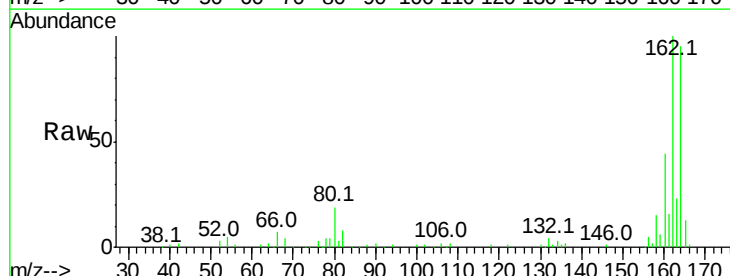


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

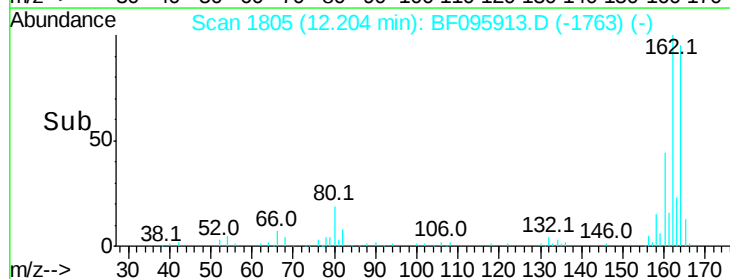
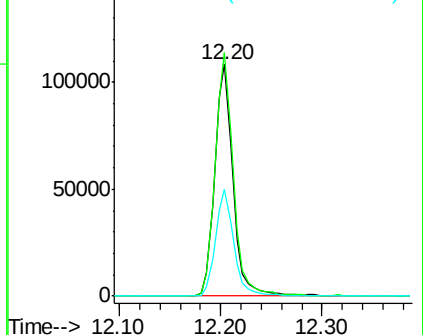


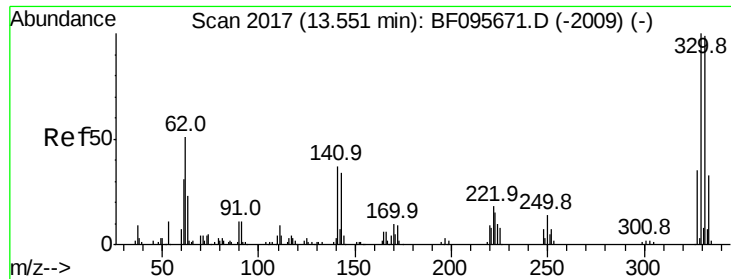
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095913.D
Acq: 14 Jun 2017 1:39

Tgt Ion	164	Resp	135621
Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.9	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

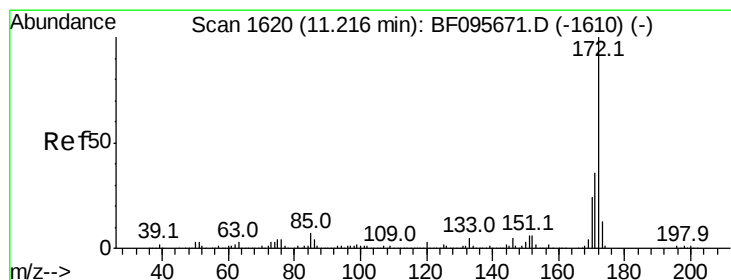
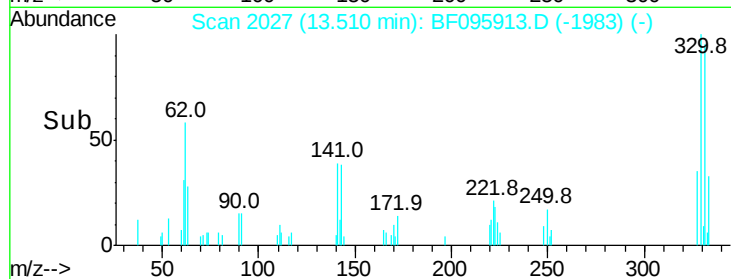
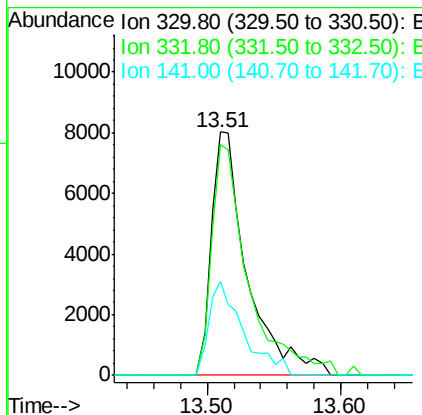
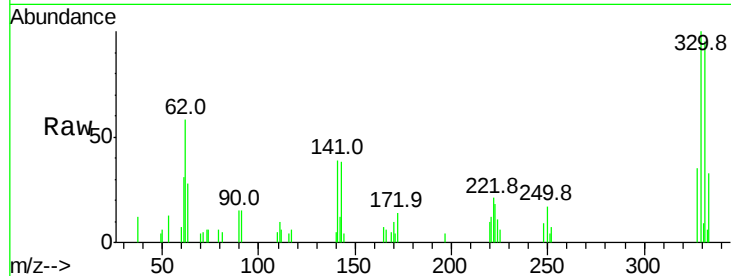




#41
 2,4,6-Tribromophenol
 Concen: 12.59 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095913.D
 Acq: 14 Jun 2017 1:39

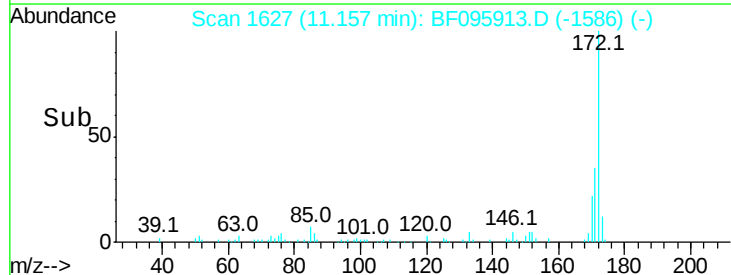
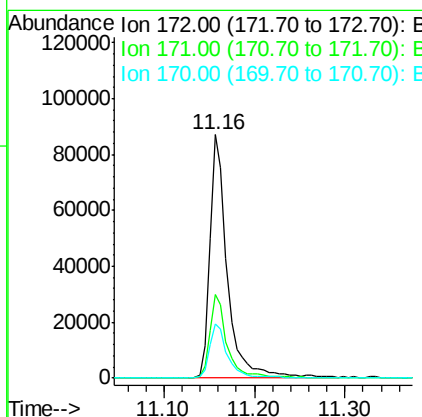
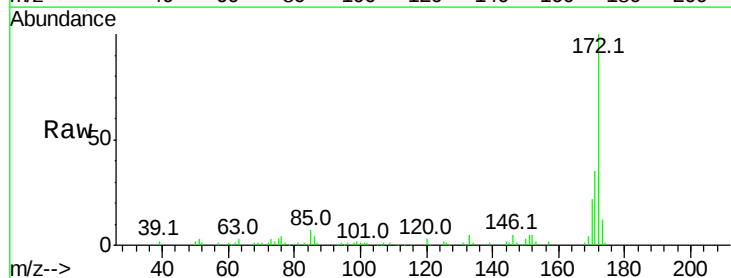
Instrument :
 BNA_F
 ClientSampled :

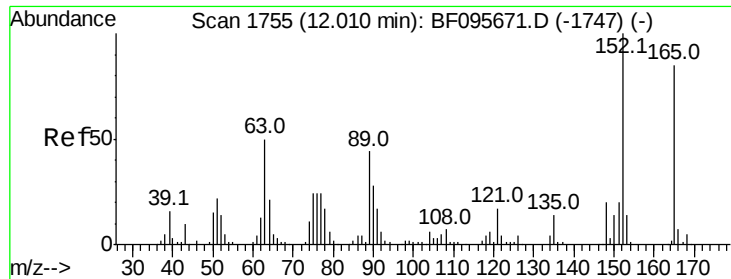
Tot Ion:330 Resp: 15113
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 36.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 12.12 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.06 min
 Lab File: BF095913.D
 Acq: 14 Jun 2017 1:39

Tgt Ion:172 Resp: 118164
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 22.1 19.8 29.8

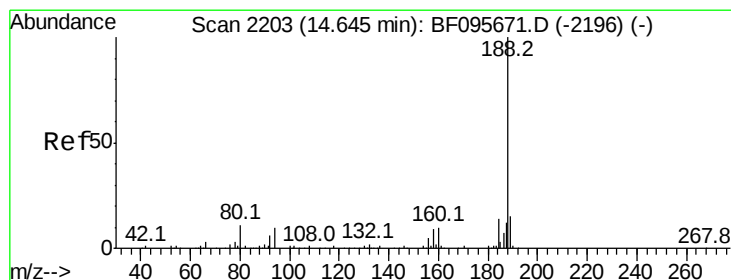
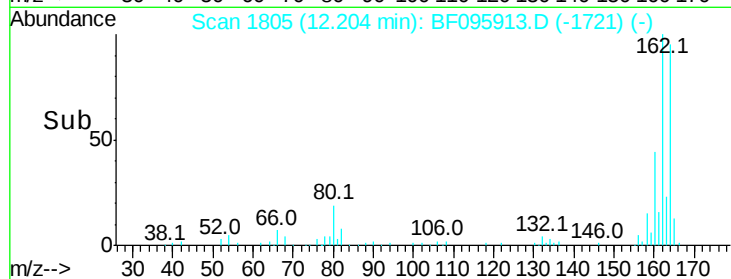
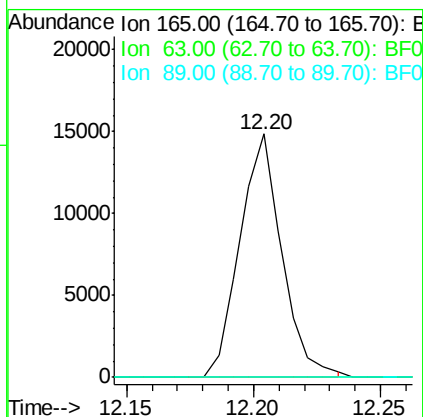
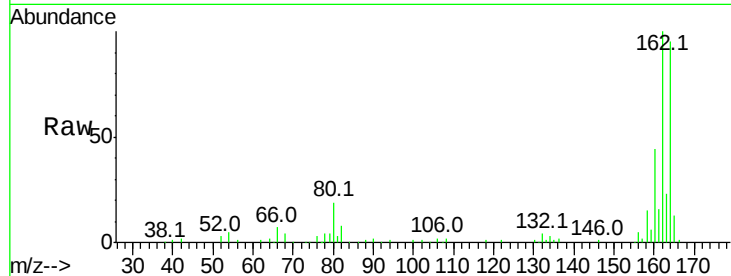




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. 0.19 min
 Lab File: BF095913.D
 Acq: 14 Jun 2017 1:39

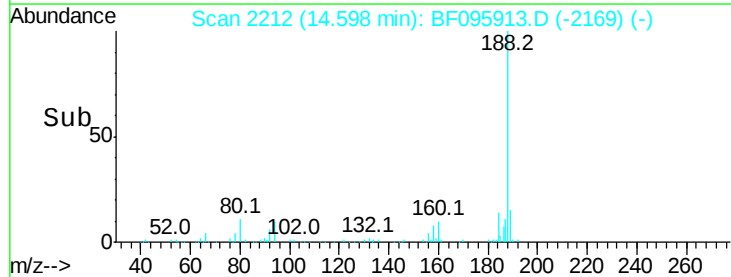
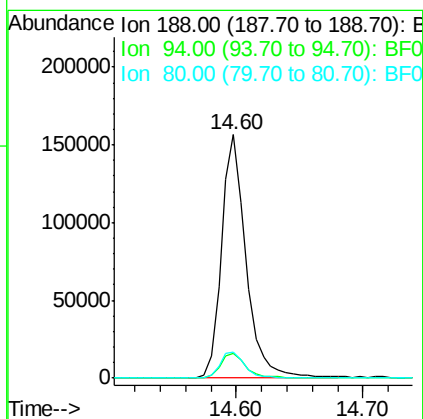
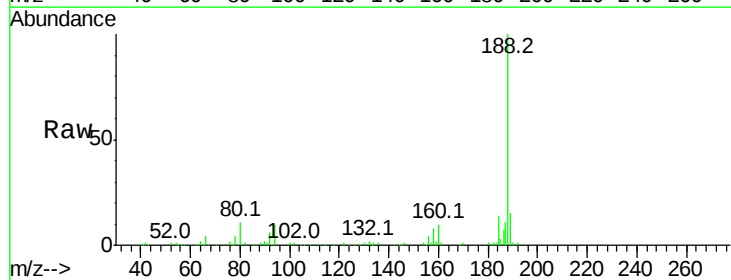
Instrument :
 BNA_F
 ClientSampleId :

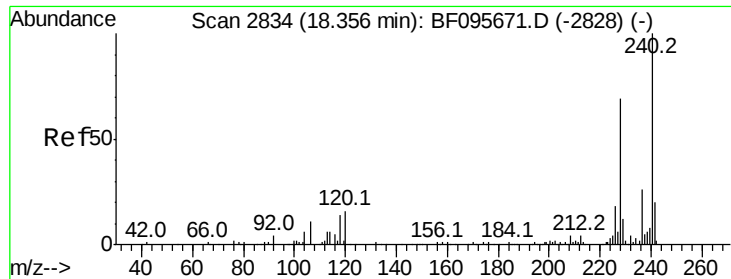
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 2212
 Delta R.T. -0.05 min
 Lab File: BF095913.D
 Acq: 14 Jun 2017 1:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

Instrument :

BNA_F

ClientSampleId :

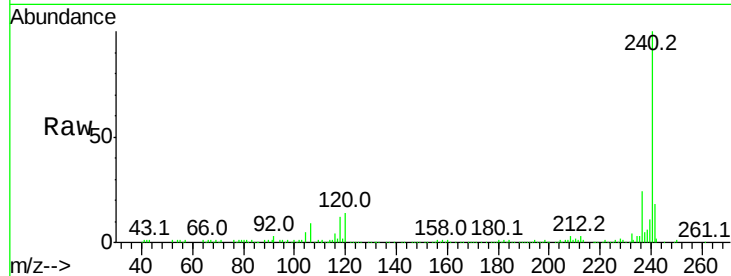
Tot Ion:240 Resp: 170525

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

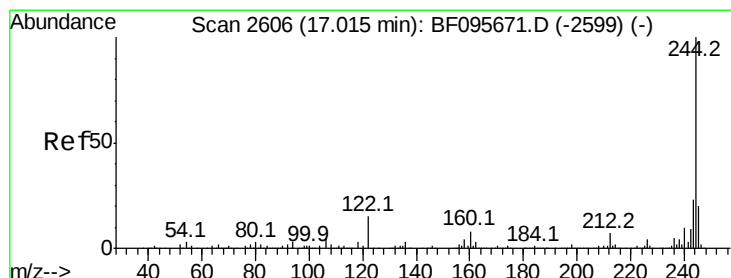
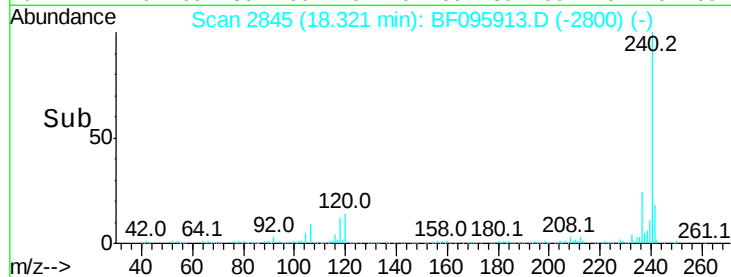
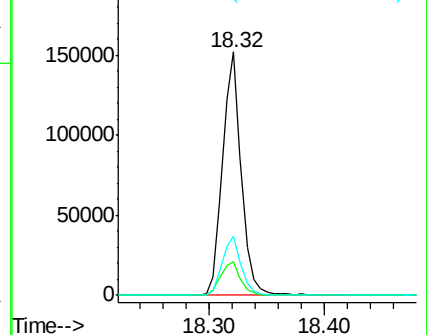
236 24.2 20.5 30.7



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: 11.24 ng

RT: 16.97 min Scan# 2615

Delta R.T. -0.05 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

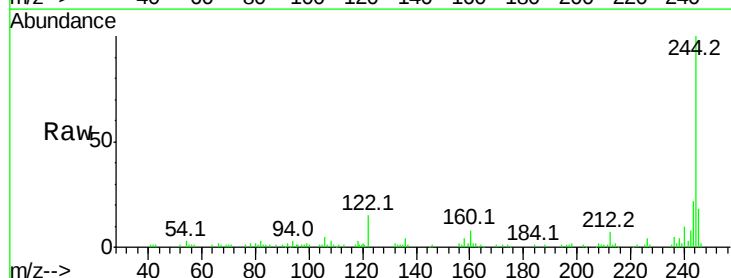
Tgt Ion:244 Resp: 77223

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

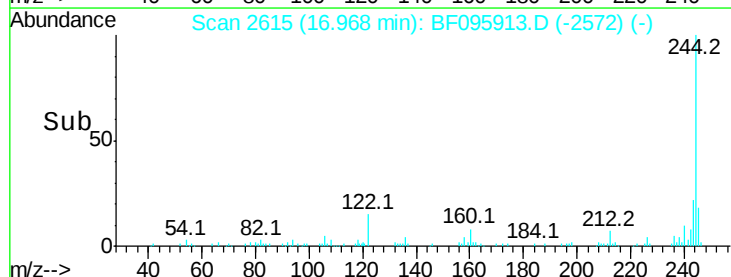
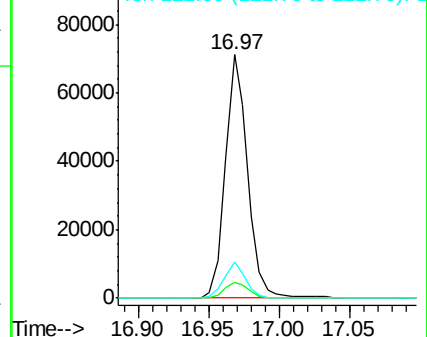
122 14.7 10.3 15.5

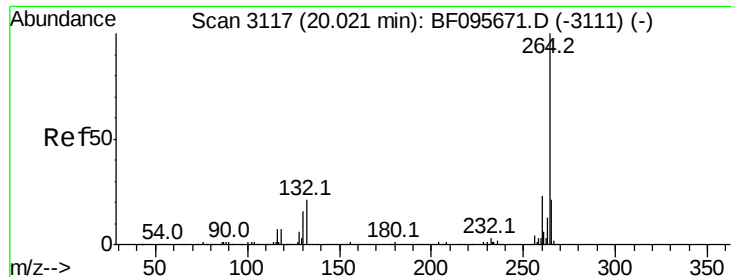


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

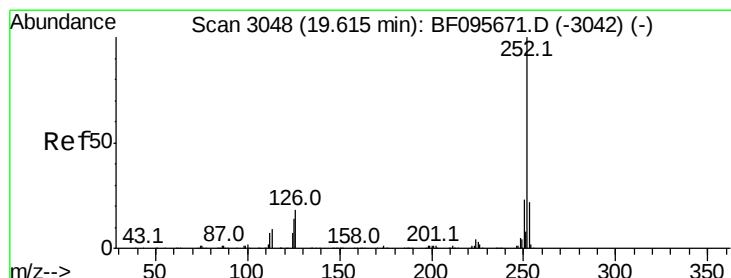
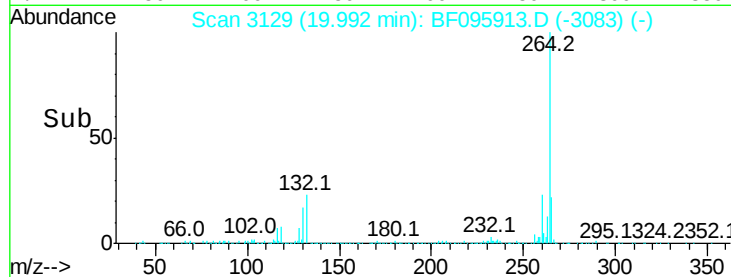
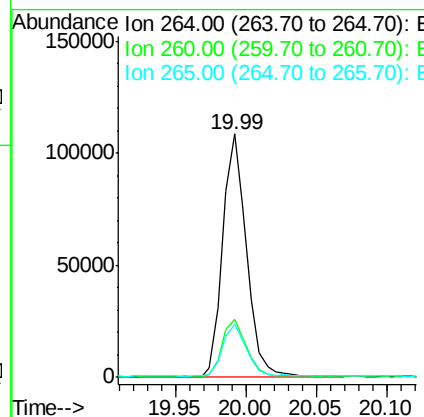
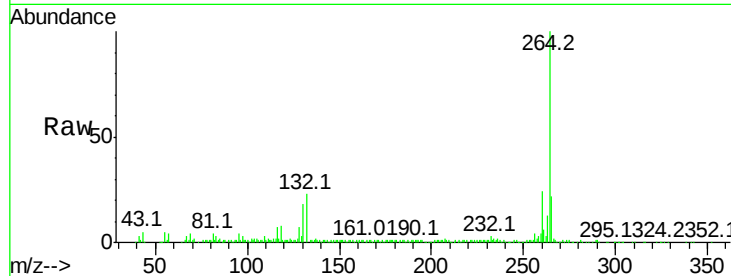




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095913.D
Acq: 14 Jun 2017 1:39

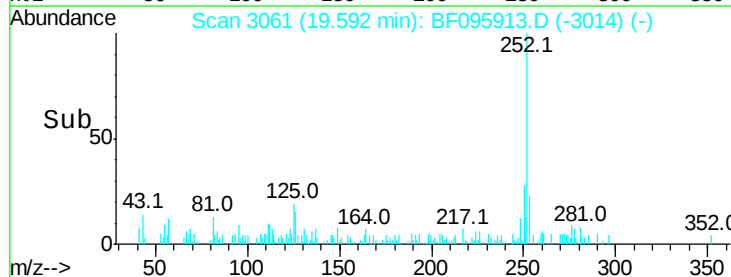
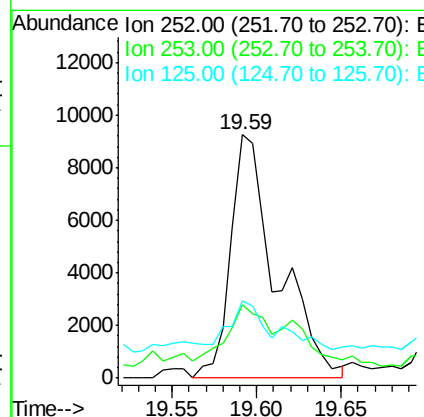
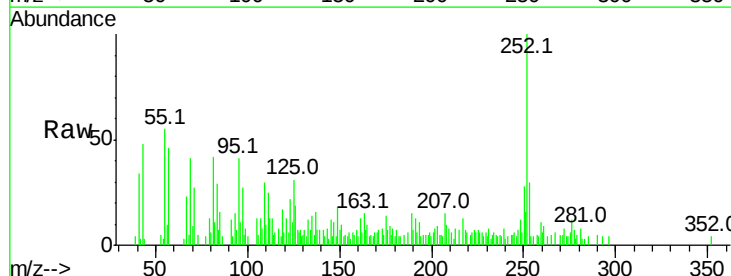
Instrument :
BNA_F
ClientSampleId :

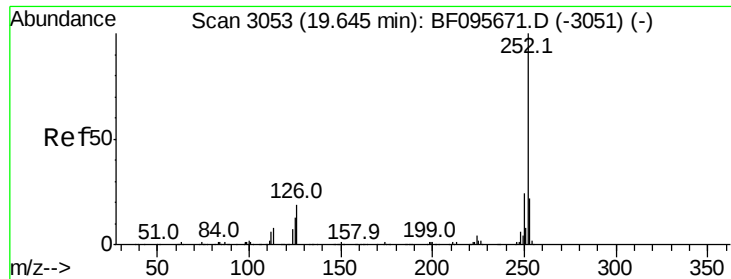
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 2.19 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095913.D
Acq: 14 Jun 2017 1:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.1	27.1#
125	31.5	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 2.29 ng

RT: 19.59 min Scan# 3061

Delta R.T. -0.05 min

Lab File: BF095913.D

Acq: 14 Jun 2017 1:39

Instrument :

BNA_F

ClientSampleId :

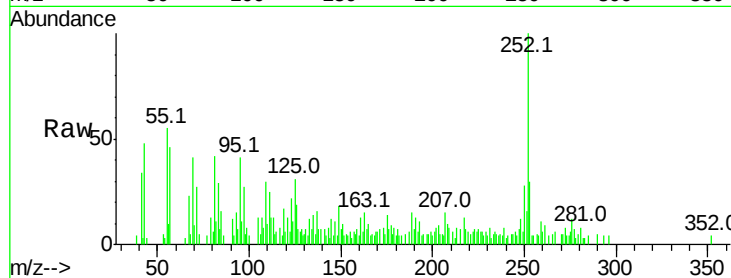
Tot Ion:252 Resp: 17595

Ion Ratio Lower Upper

252 100

253 30.4 18.4 27.6#

125 31.5 13.1 19.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

