

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095752.D
 Acq On : 7 Jun 2017 18:27
 Operator : SJ/MA
 Sample : I3479-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:07:01 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

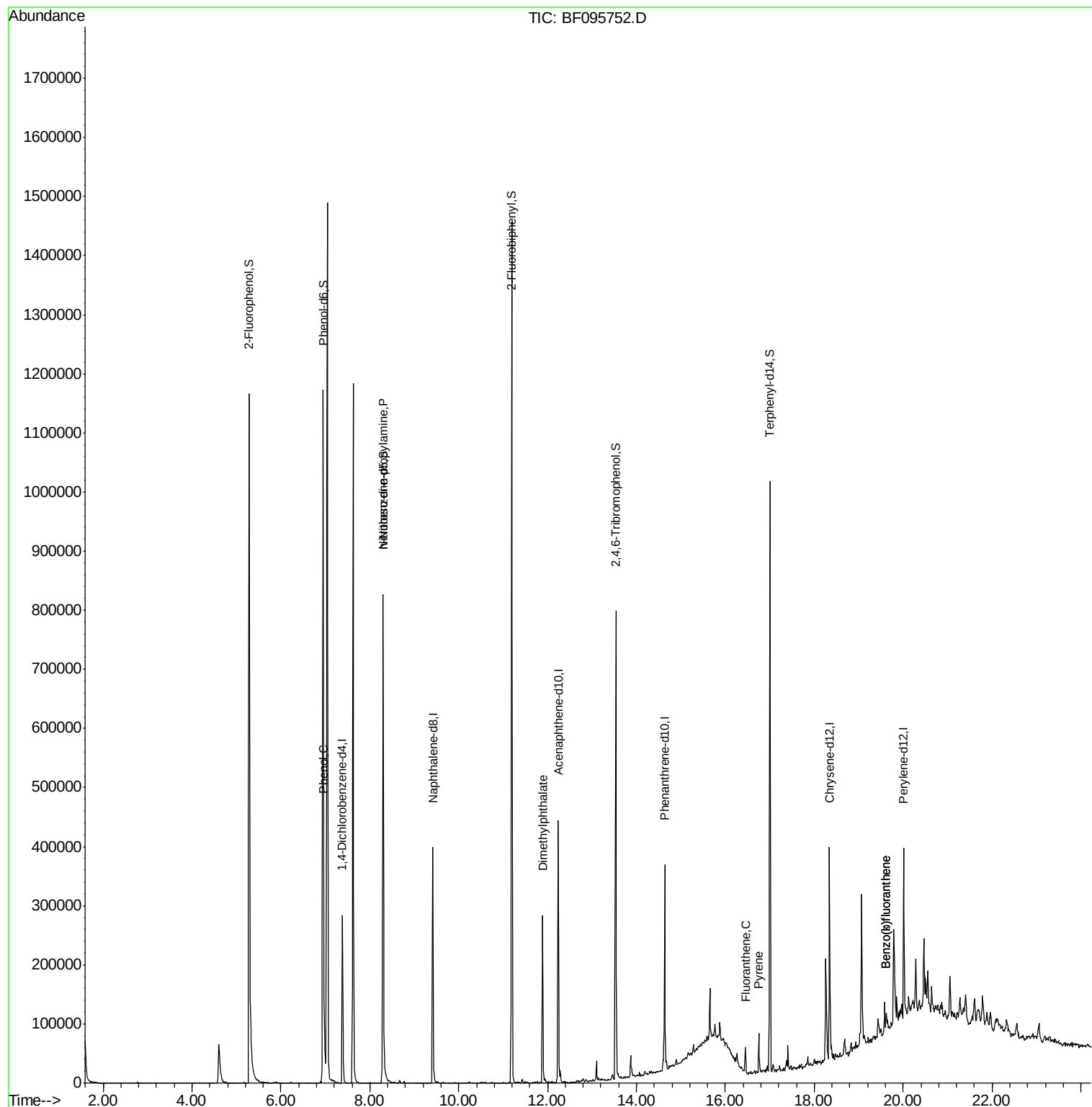
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	69966	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	279899	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	120063	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	178656	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	135365	20.00	ng	-0.01
86) Perylene-d12	20.02	264	115555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	615992	140.29	ng	0.00
7) Phenol-d6	6.95	99	746154	141.95	ng	0.00
23) Nitrobenzene-d5	8.30	82	434265	96.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	122875	115.67	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	661968	76.72	ng	-0.02
78) Terphenyl-d14	17.00	244	350531	64.27	ng	-0.01
Target Compounds						
10) Phenol	6.96	94	14021	2.57	ng	# 80
19) n-Nitroso-di-n-propylamine	8.30	70	55081	16.53	ng	# 73
49) Dimethylphthalate	11.89	163	159704	17.52	ng	99
74) Fluoranthene	16.45	202	22055	2.16	ng	98
77) Pyrene	16.75	202	20528	2.03	ng	95
87) Benzo(b)fluoranthene	19.62	252	16847	2.33	ng	# 83
88) Benzo(k)fluoranthene	19.62	252	16847	2.44	ng	# 87

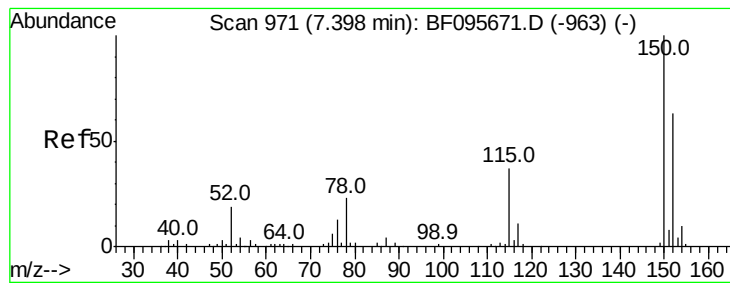
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095752.D
Acq On : 7 Jun 2017 18:27
Operator : SJ/MA
Sample : I3479-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 08 04:07:01 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



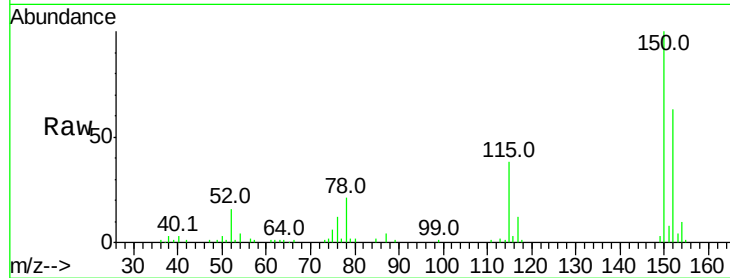


#1

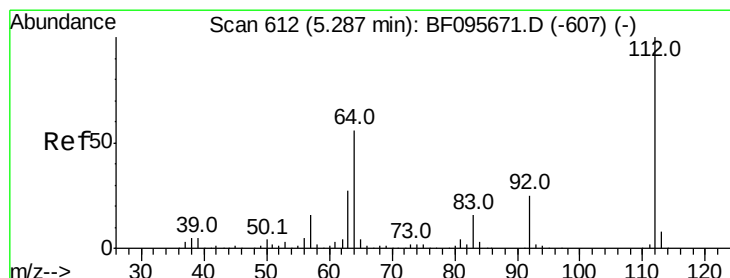
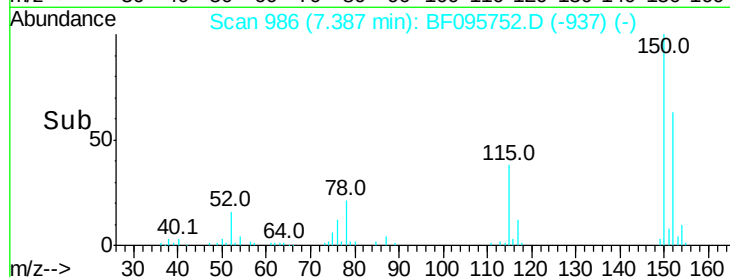
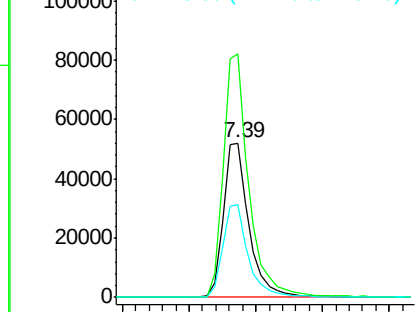
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69966
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 59.9 52.2 78.2



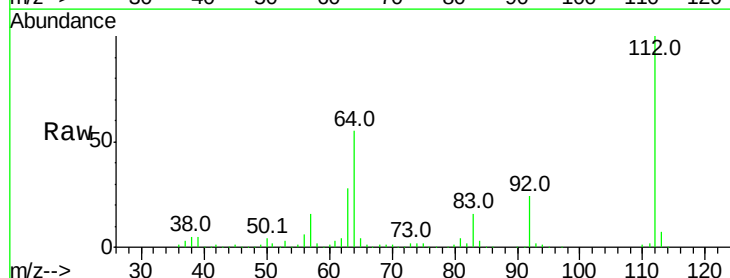
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



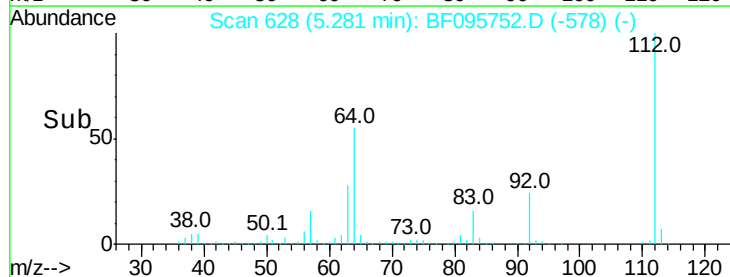
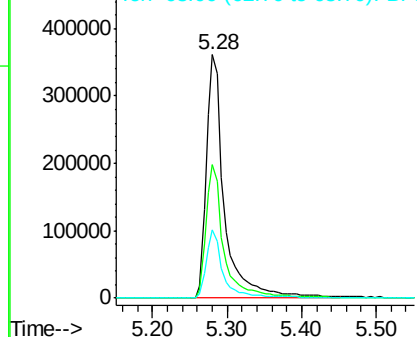
#5

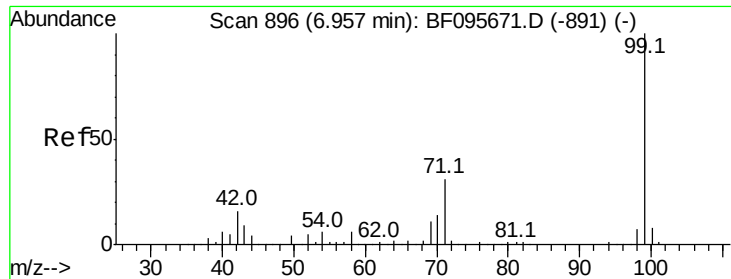
2-Fluorophenol
Concen: 140.29 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Tgt Ion:112 Resp: 615992
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 27.9 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: 141.95 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampled :

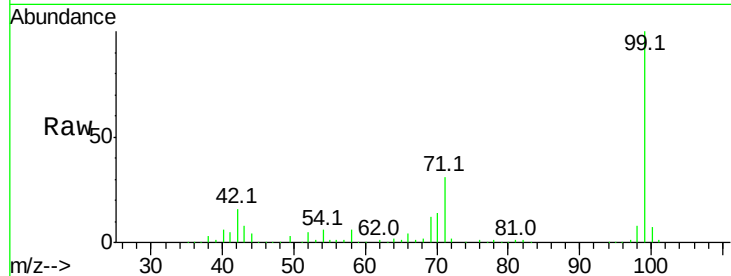
Tot Ion: 99 Resp: 746154

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

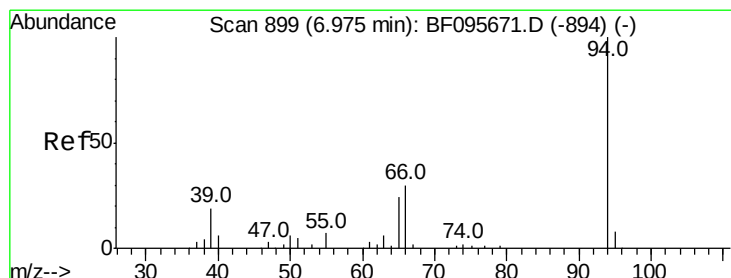
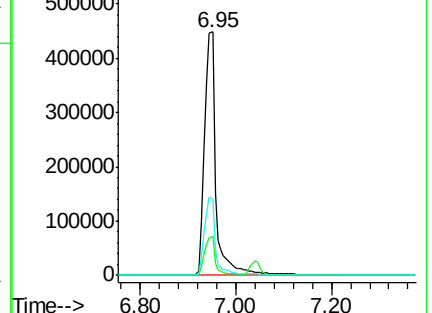
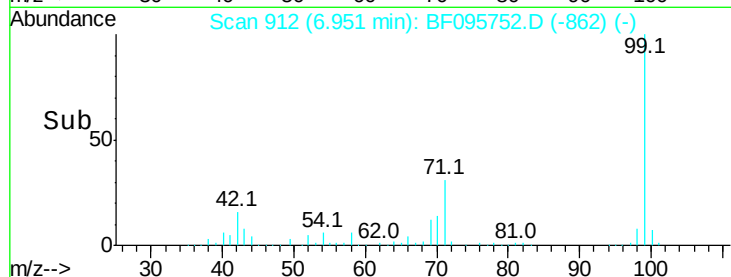
71 31.0 24.5 36.7



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



#10

Phenol

Concen: 2.57 ng

RT: 6.96 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

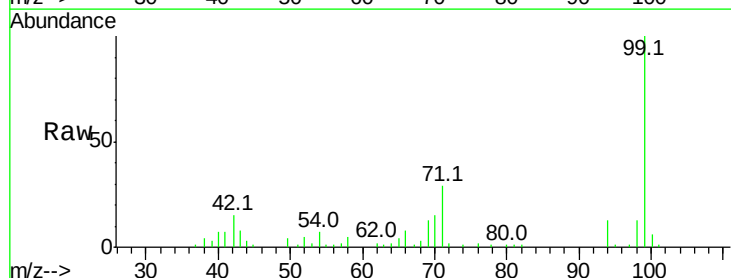
Tgt Ion: 94 Resp: 14021

Ion Ratio Lower Upper

94 100

65 30.0 9.9 49.9

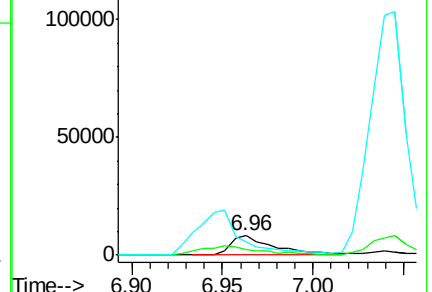
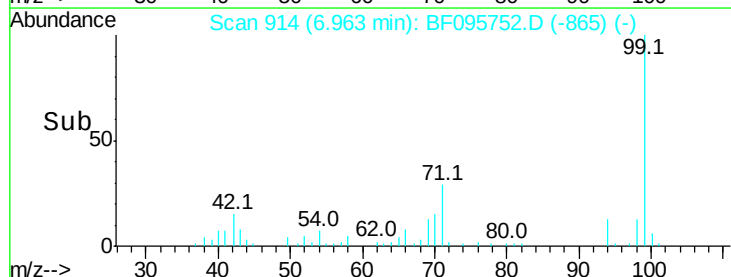
66 64.8 23.1 63.1#

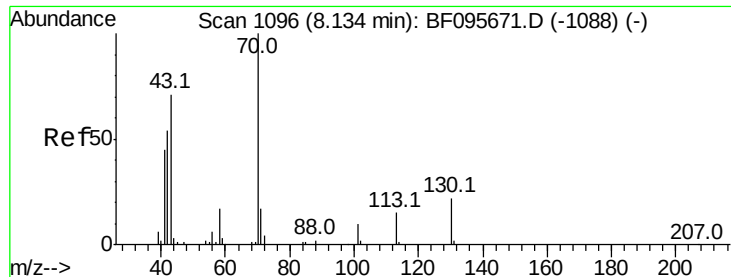


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

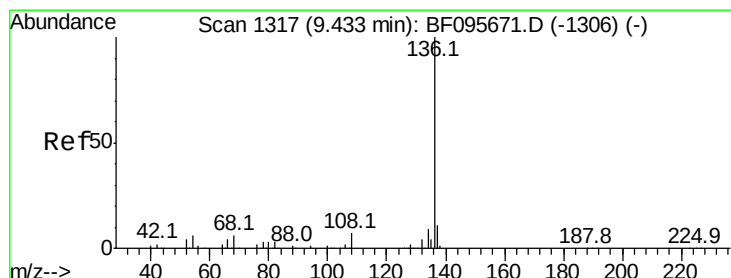
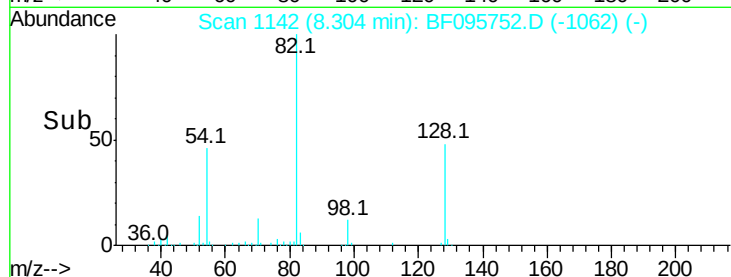
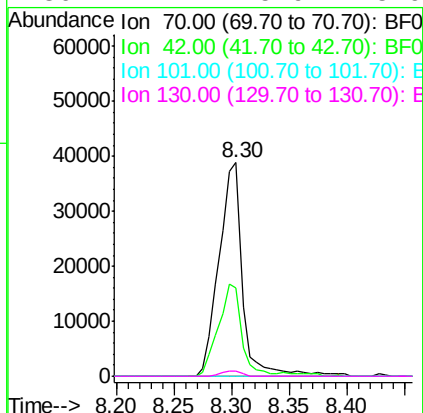
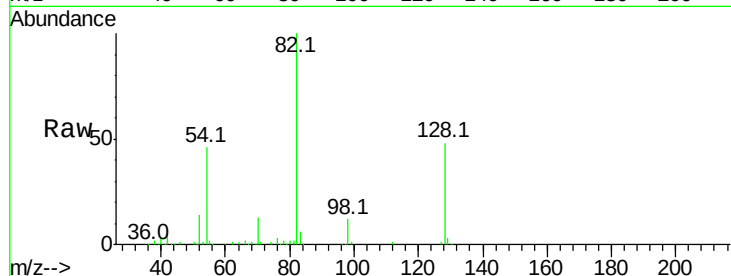




#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 8.30 min Scan# 1142
Delta R.T. 0.17 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

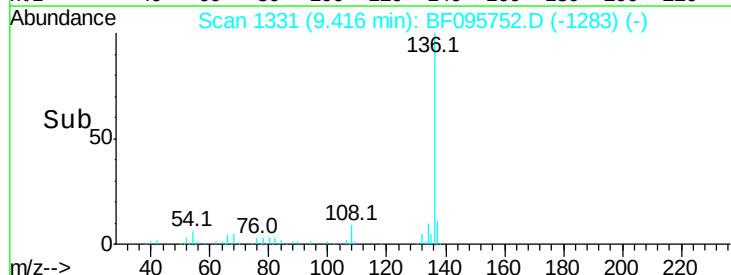
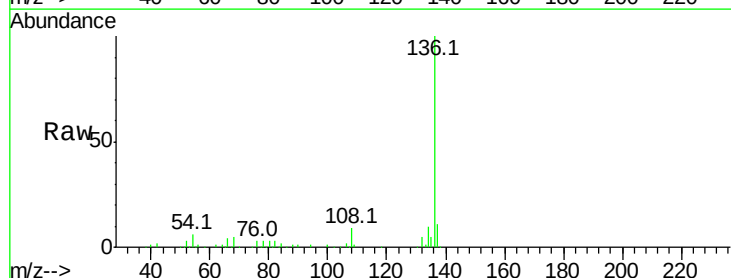
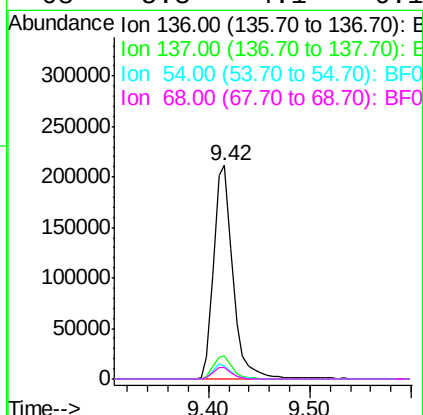
Instrument :
BNA_F
ClientSampleId :

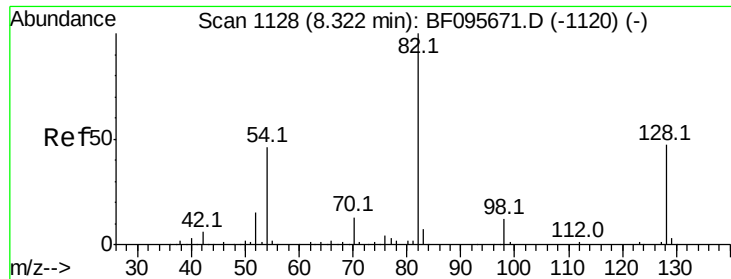
Tot Ion: 70 Resp: 55081
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Tgt Ion: 136 Resp: 279899
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.2 4.9 7.3
68 5.3 4.1 6.1

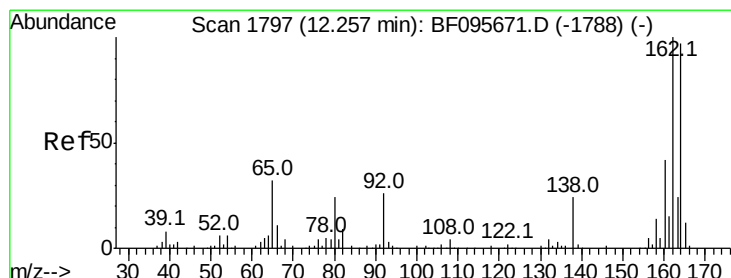
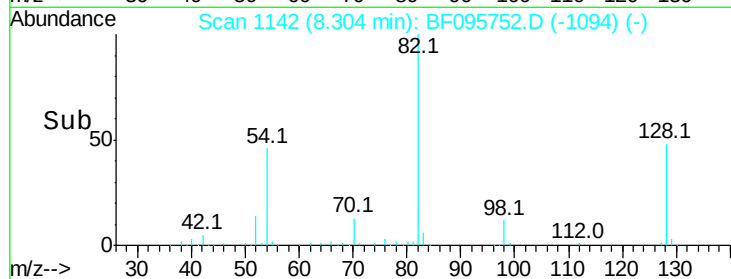
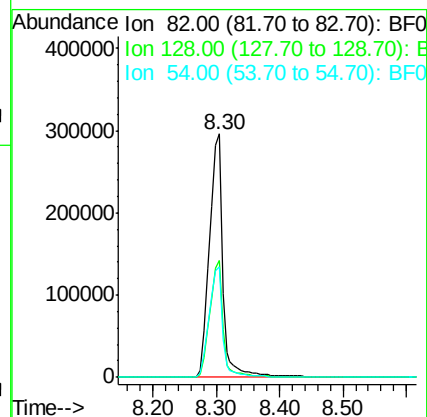
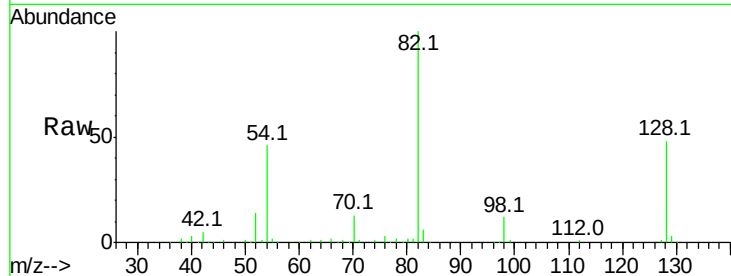




#23
Nitrobenzene-d5
Concen: 96.36 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

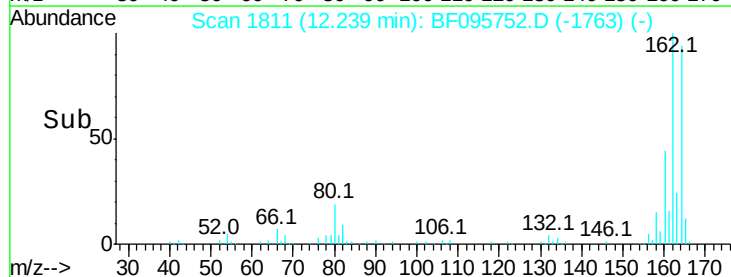
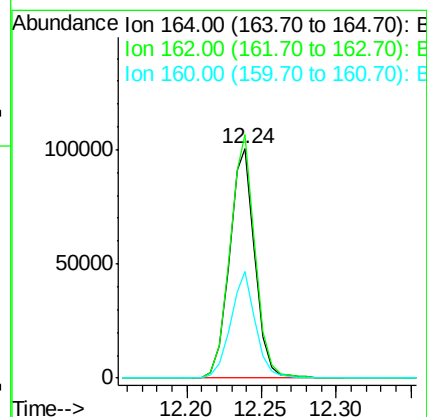
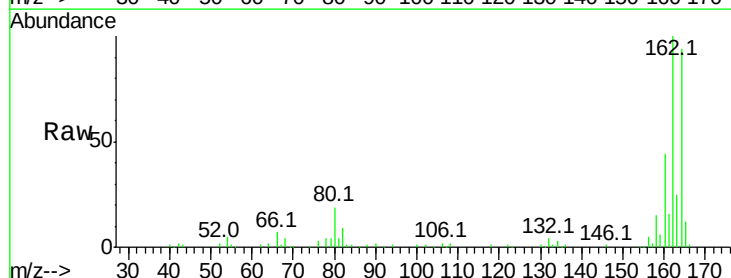
Instrument :
BNA_F
ClientSampleId :

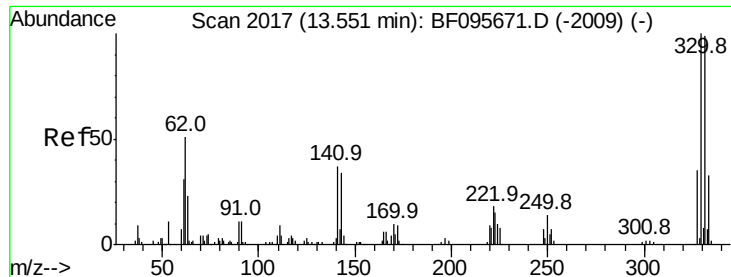
Tot Ion: 82 Resp: 434265
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 45.6 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Tgt Ion:164 Resp: 120063
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 46.5 36.2 54.2

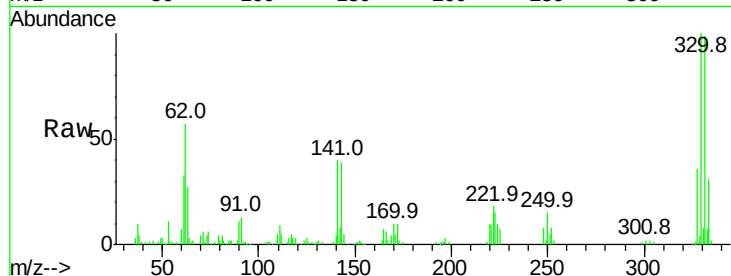




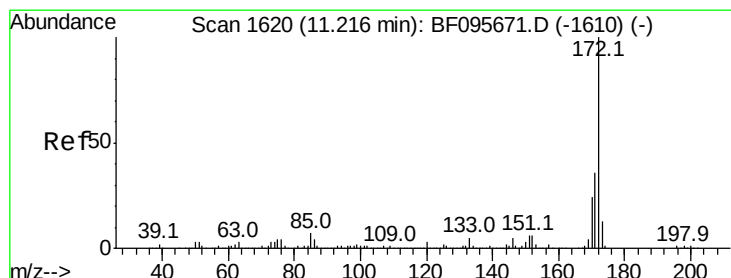
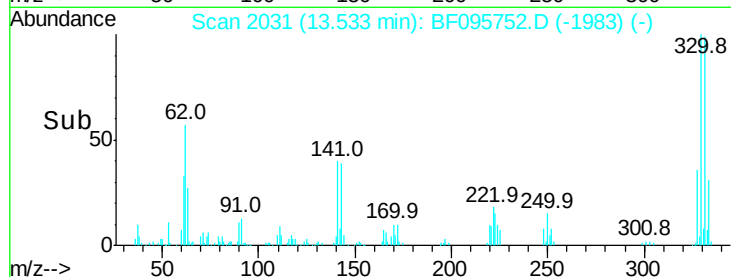
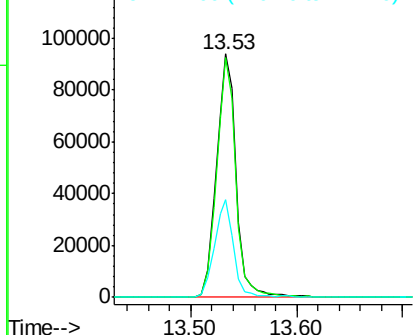
#41
 2,4,6-Tribromophenol
 Concen: 115.67 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 122875
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.0 31.4 47.2

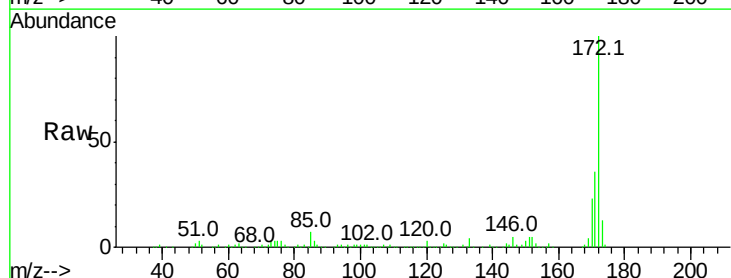


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

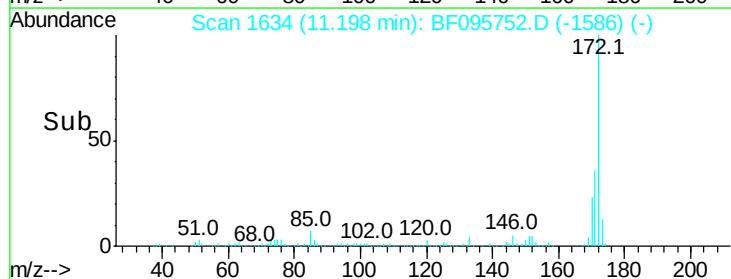
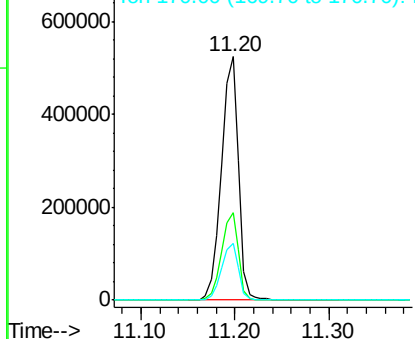


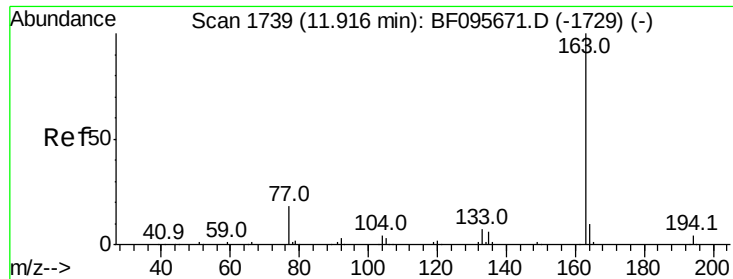
#44
 2-Fluorobiphenyl
 Concen: 76.72 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Tgt Ion:172 Resp: 661968
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.52 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095752.D

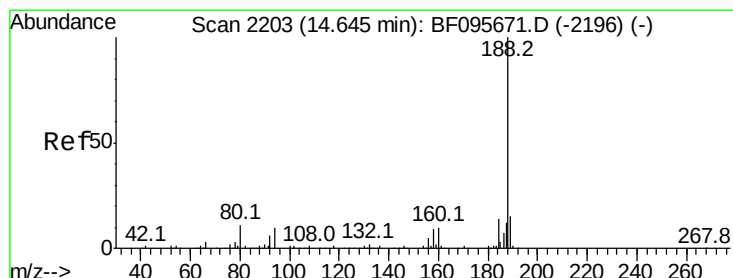
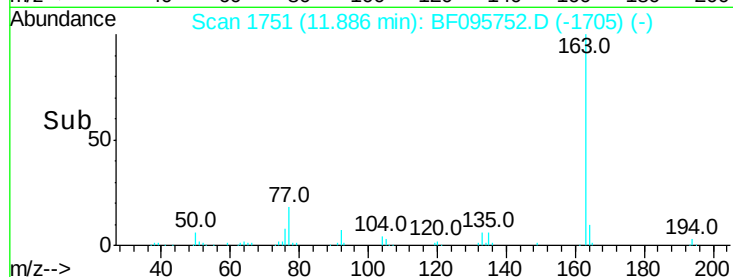
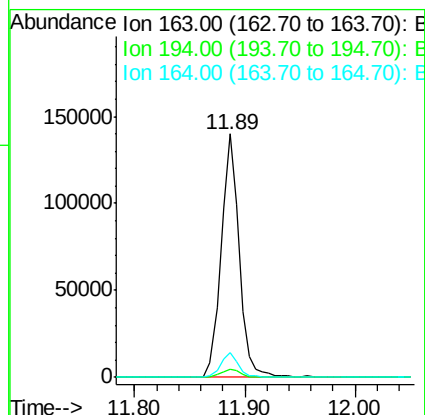
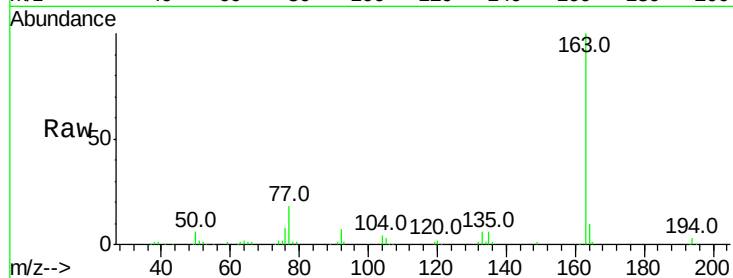
Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	163	Resp:	159704
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

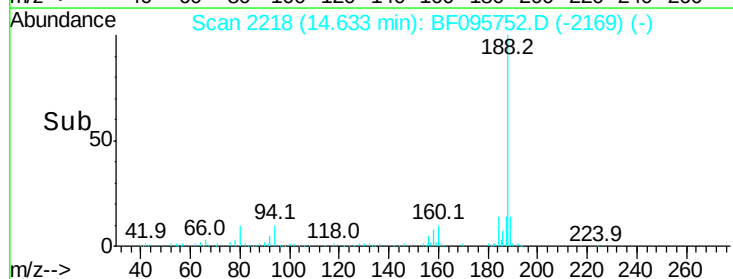
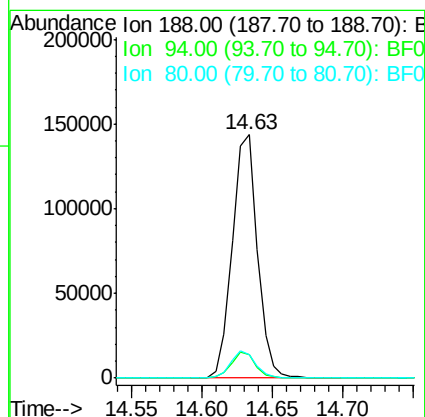
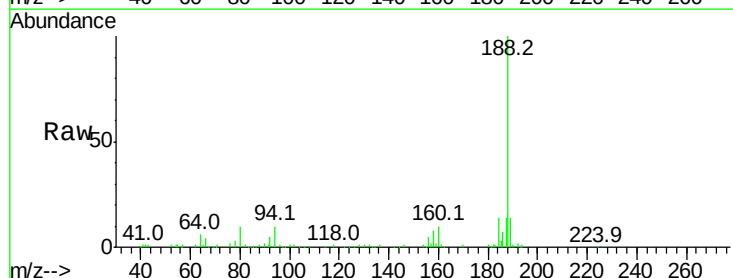
RT: 14.63 min Scan# 2218

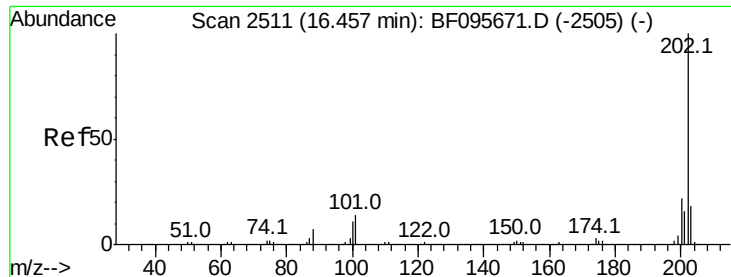
Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Tgt Ion:	188	Resp:	178656
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	9.8	10.2	15.2#

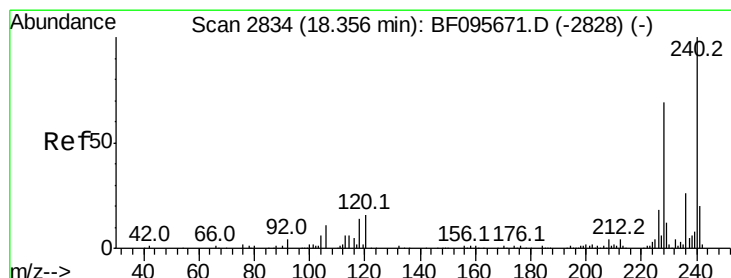
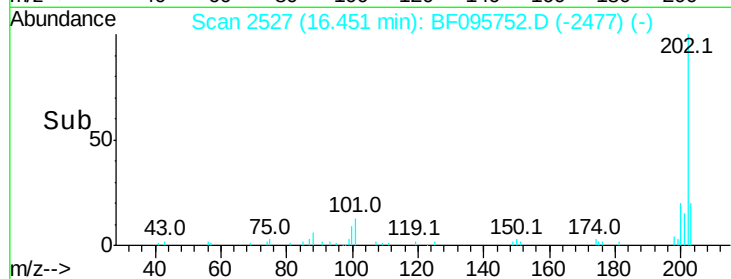
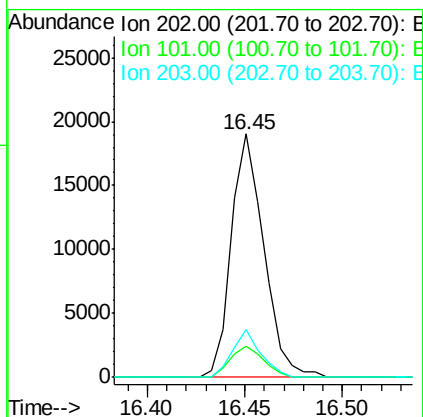
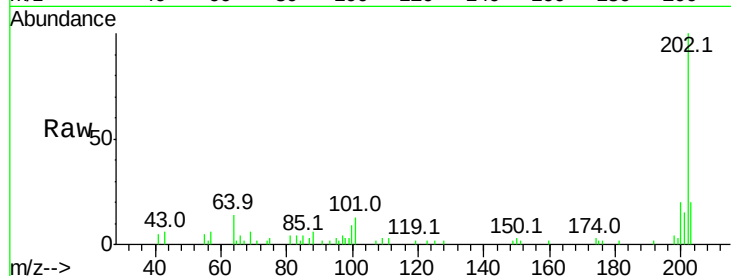




#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 16.45 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

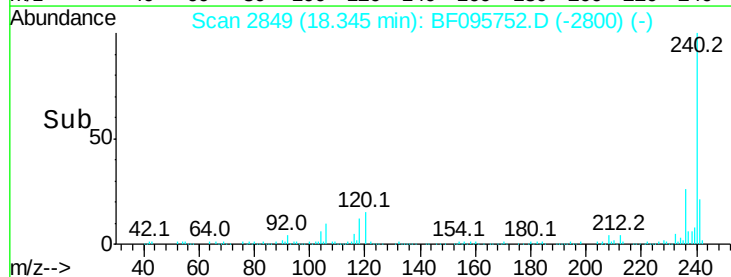
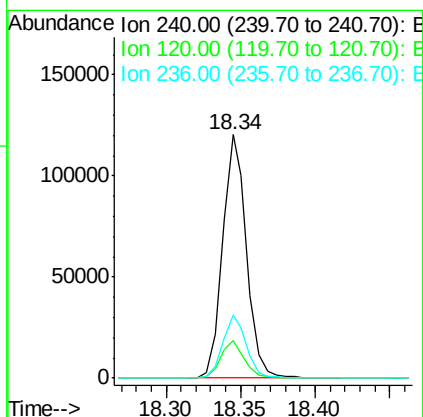
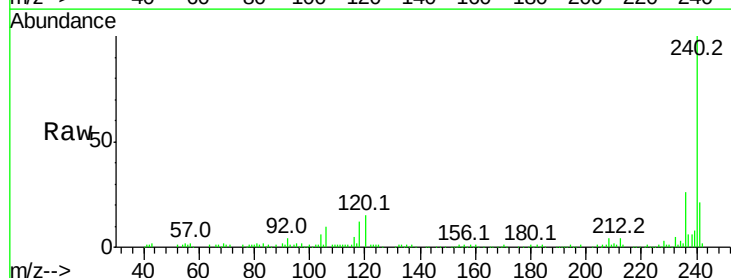
Instrument :
 BNA_F
 ClientSampled :

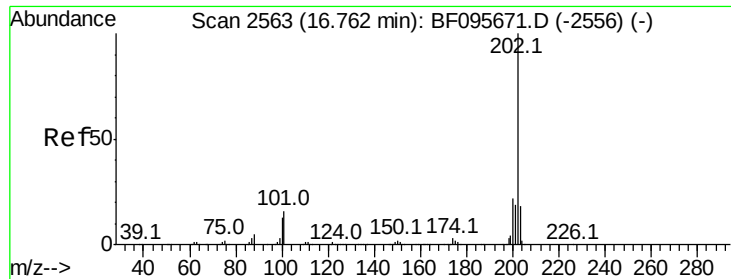
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	19.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF095752.D
 Acq: 7 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	26.0	20.5	30.7





#77

Pvrene

Concen: 2.03 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

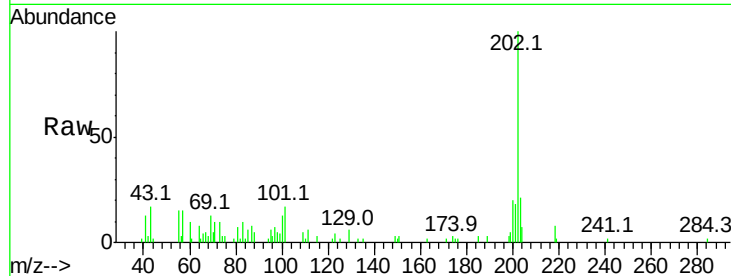
Tot Ion:202 Resp: 20528

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

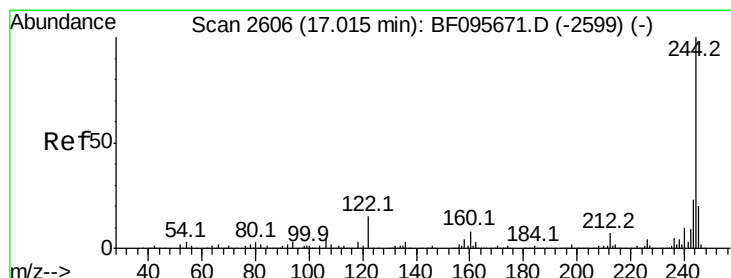
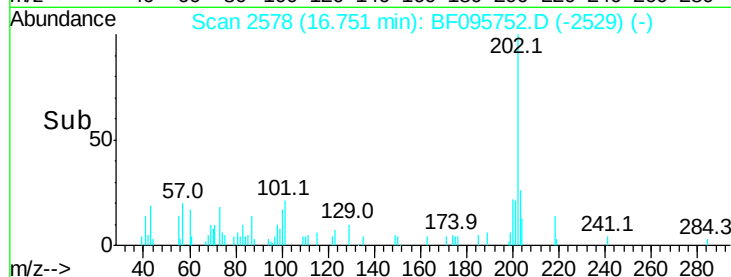
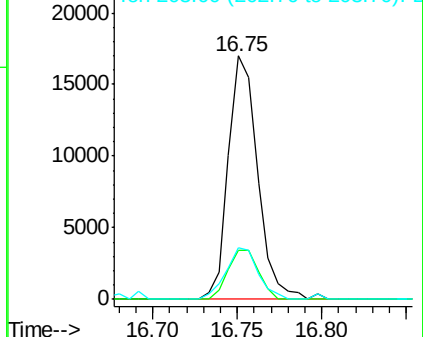
203 21.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.27 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

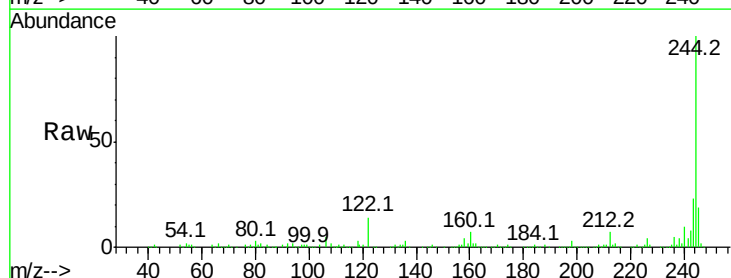
Tgt Ion:244 Resp: 350531

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

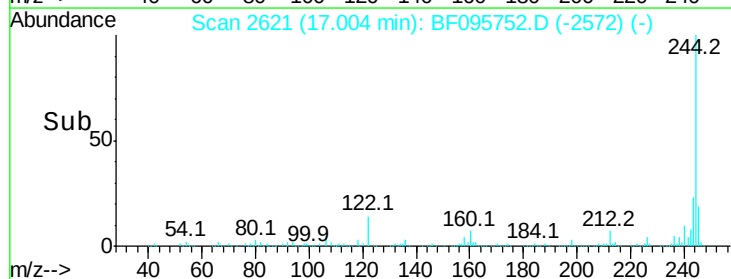
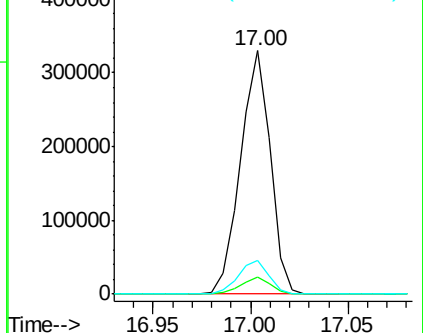
122 13.8 10.3 15.5

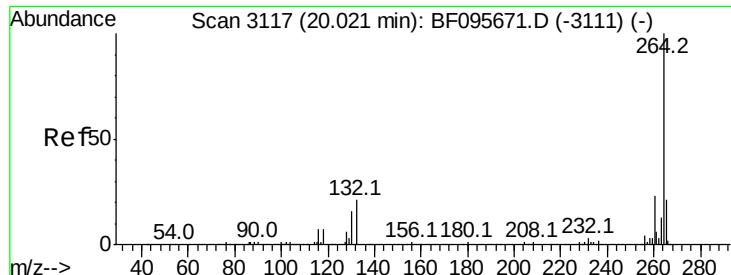


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

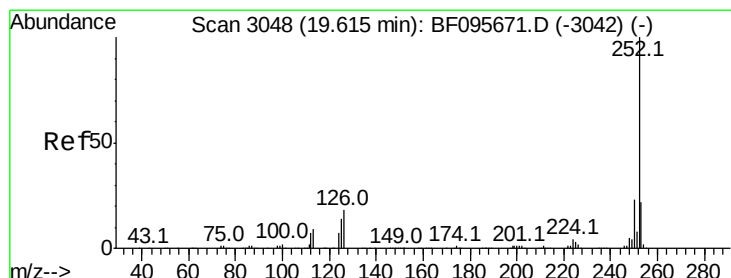
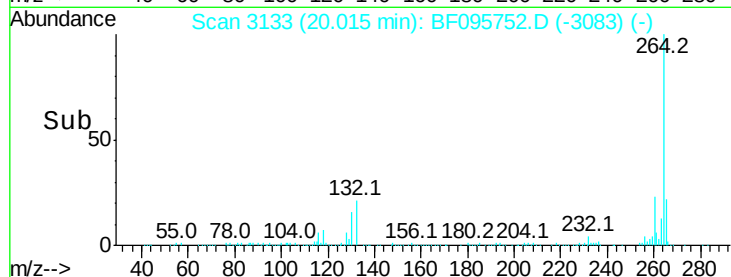
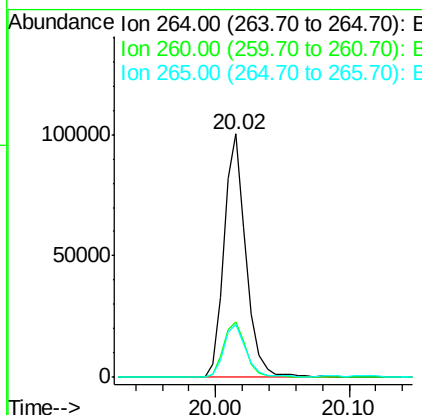
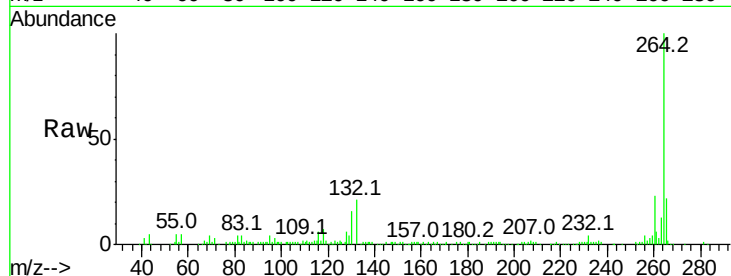




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

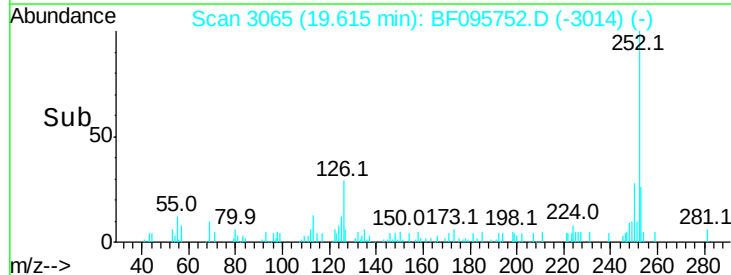
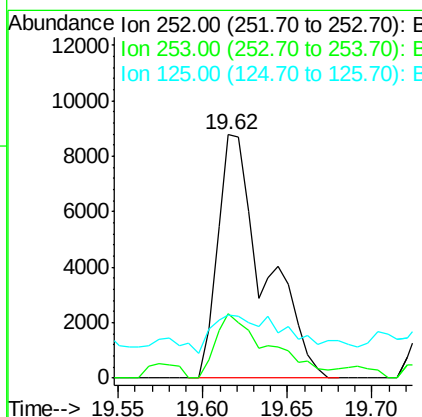
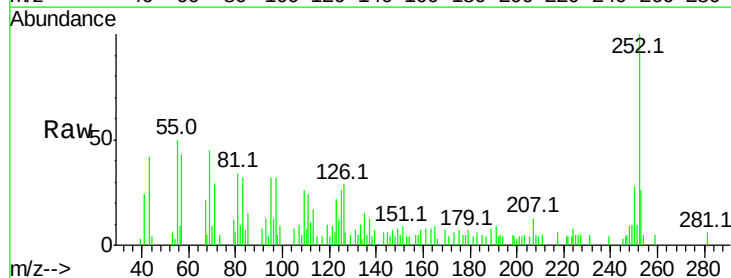
Instrument :
BNA_F
ClientSampleId :

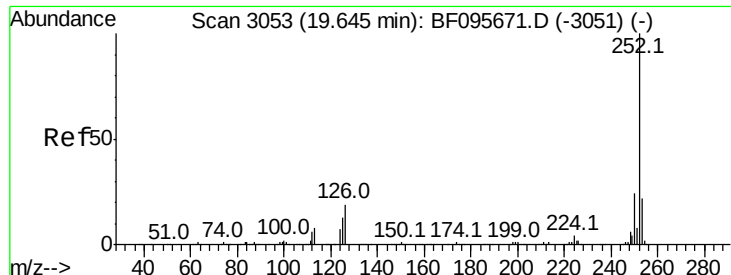
Tot Ion:264 Resp: 115555
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 19.62 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BF095752.D
Acq: 7 Jun 2017 18:27

Tgt Ion:252 Resp: 16847
Ion Ratio Lower Upper
252 100
253 26.4 18.1 27.1
125 25.9 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.44 ng

RT: 19.62 min Scan# 3065

Delta R.T. -0.03 min

Lab File: BF095752.D

Acq: 7 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

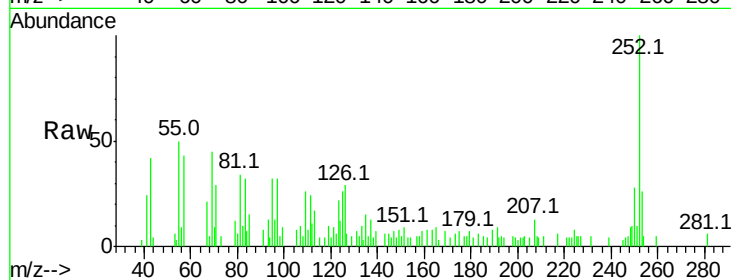
Tot Ion:252 Resp: 16847

Ion Ratio Lower Upper

252 100

253 26.4 18.4 27.6

125 25.9 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

