

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093972.D
 Acq On : 28 Mar 2017 5:12
 Operator : SJ/MA
 Sample : I2422-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Quant Time: Mar 28 07:03:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

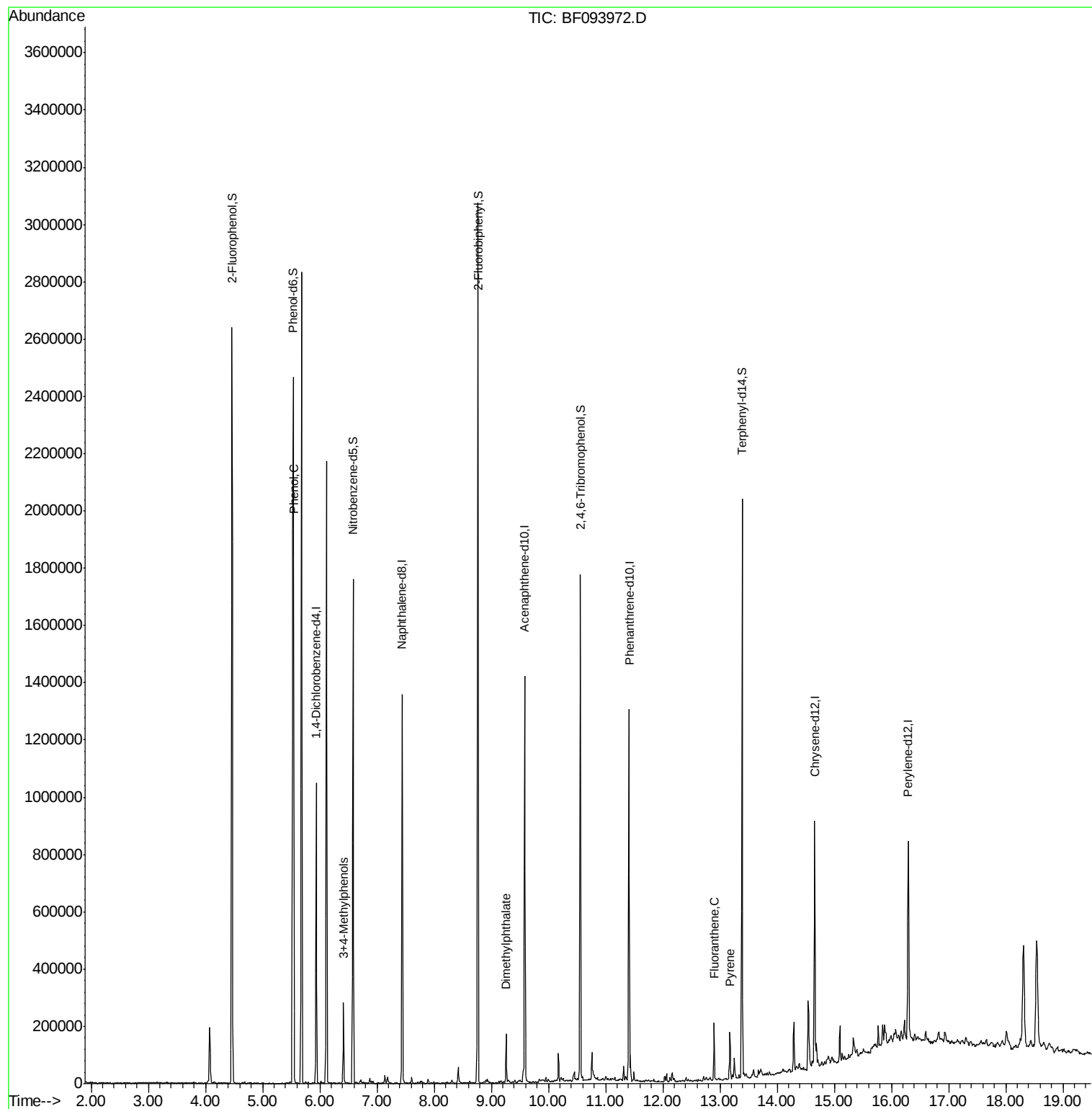
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	178288	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	707788	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	310694	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	498902	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	328757	20.00	ng	-0.02
86) Perylene-d12	16.29	264	299750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	777325	73.64	ng	-0.01
7) Phenol-d6	5.53	99	1068217	81.80	ng	-0.02
23) Nitrobenzene-d5	6.59	82	635961	51.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	211146	86.00	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1099548	53.98	ng	-0.01
78) Terphenyl-d14	13.39	244	670452	45.71	ng	-0.02
Target Compounds						
10) Phenol	5.55	94	143131	9.63	ng	Qvalue 91
20) 3+4-Methylphenols	6.41	107	75246	6.25	ng	# 57
49) Dimethylphthalate	9.26	163	80389	3.64	ng	# 97
74) Fluoranthene	12.90	202	83785	2.95	ng	99
77) Pyrene	13.17	202	67443	2.83	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Instrument :

BNA_F

ClientSampleId :

HHD-S1

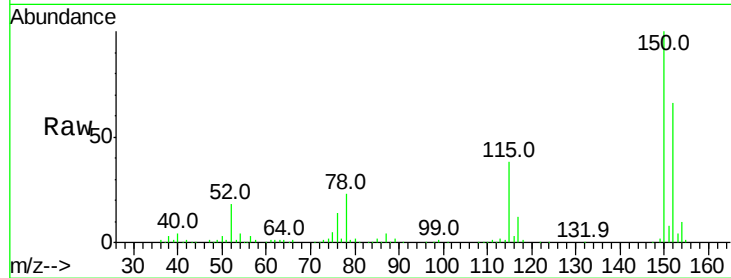
Tot Ion:152 Resp: 178288

Ion Ratio Lower Upper

152 100

150 152.2 126.2 189.2

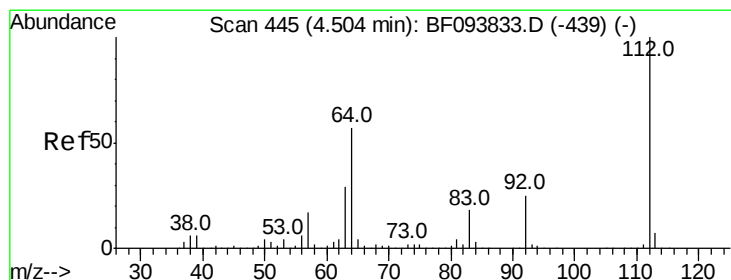
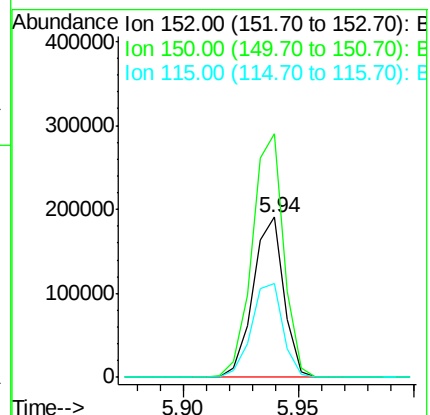
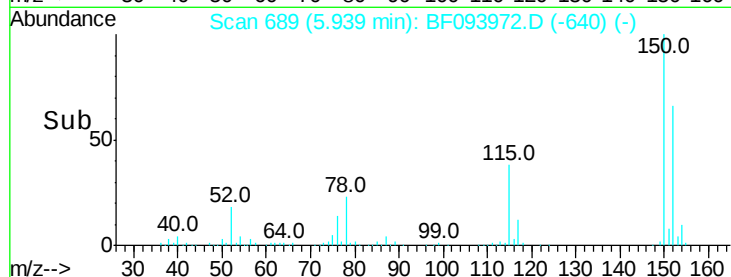
115 58.6 52.2 78.2



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: 73.64 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

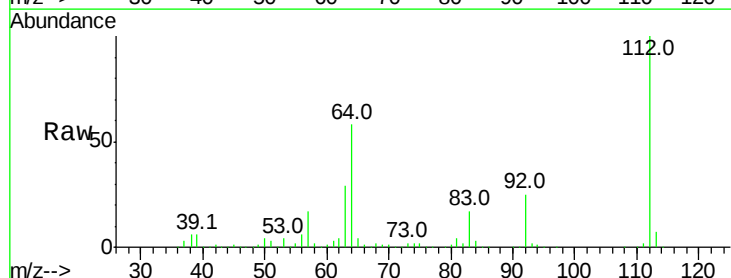
Tgt Ion:112 Resp: 777325

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

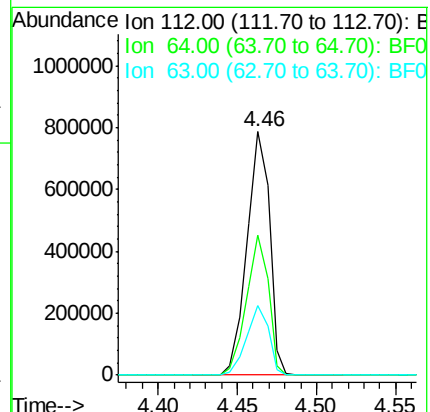
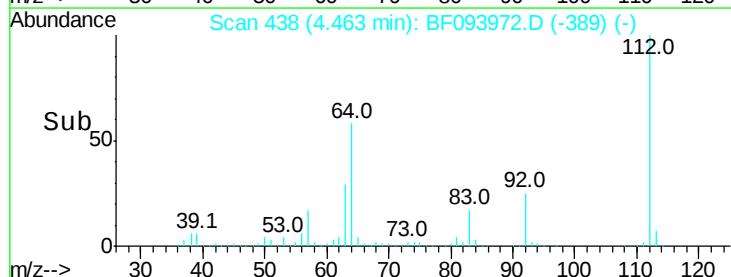
63 28.7 23.4 35.0



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: 81.80 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Instrument :

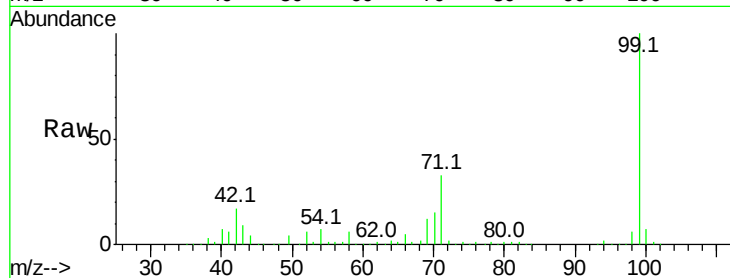
BNA_F

ClientSampled :

HHD-S1

Tot Ion: 99 Resp: 1068217

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.3	24.5	36.7

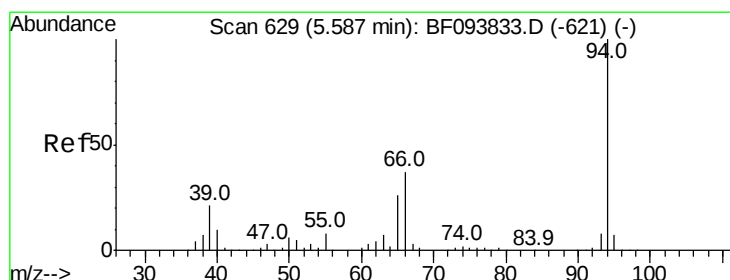
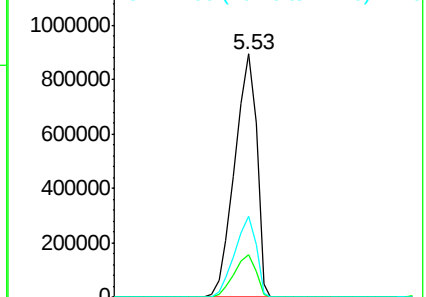
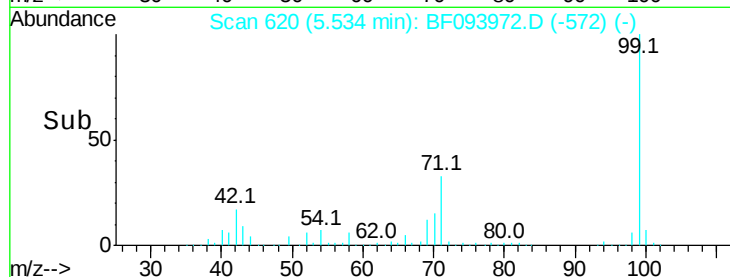


Abundance

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: 9.63 ng

RT: 5.55 min Scan# 622

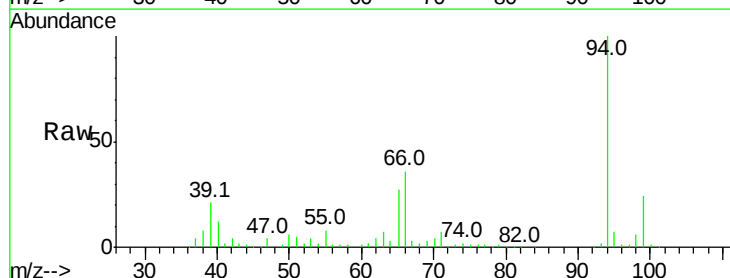
Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Tgt Ion: 94 Resp: 143131

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	35.7	23.1	63.1

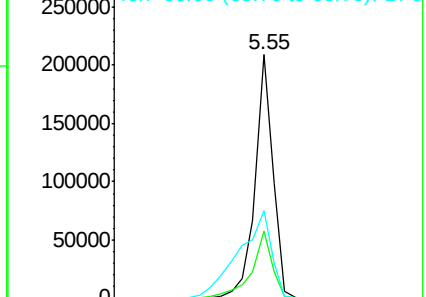
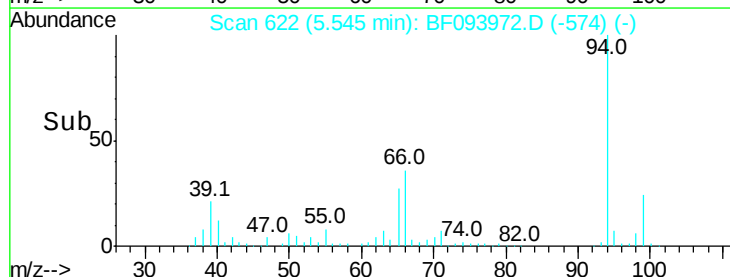


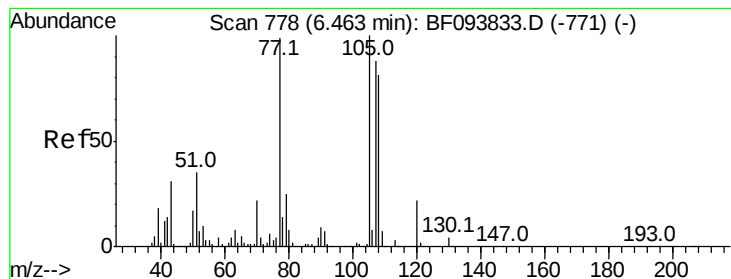
Abundance

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





#20

3+4-Methylphenols

Concen: 6.25 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Instrument :

BNA_F

ClientSampleId :

HHD-S1

Tot Ion:107 Resp: 75246

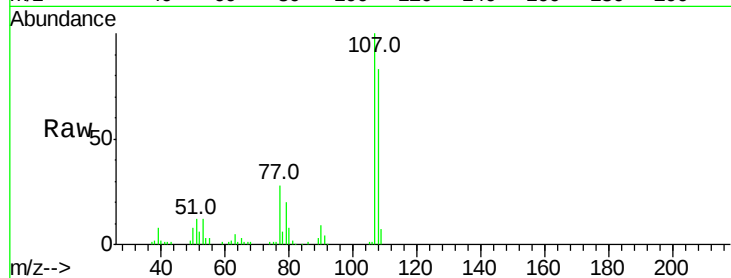
Ion Ratio Lower Upper

107 100

108 82.5 71.0 111.0

77 28.5 90.5 130.5#

79 20.2 8.4 48.4

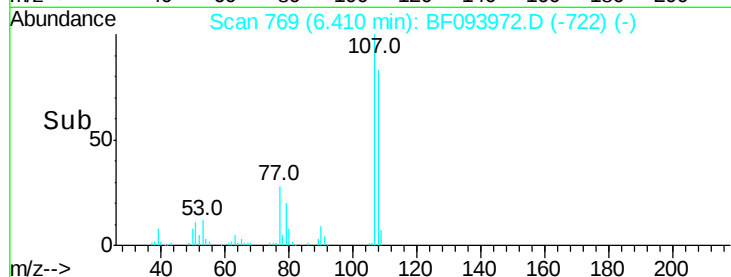


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

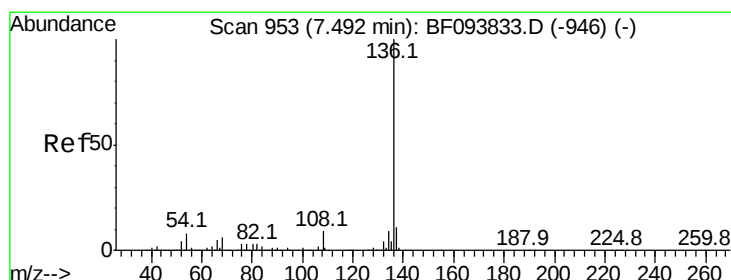
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->

6.41



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Tgt Ion:136 Resp: 707788

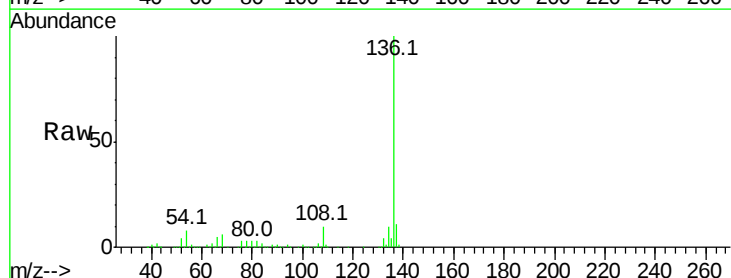
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.1 4.9 7.3#

68 6.3 4.1 6.1#

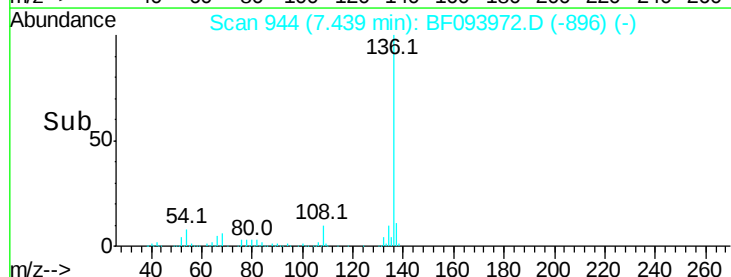


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

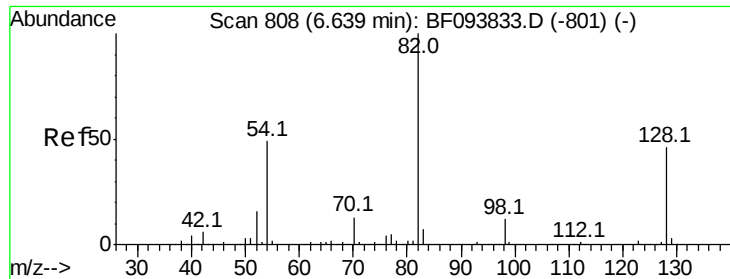
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

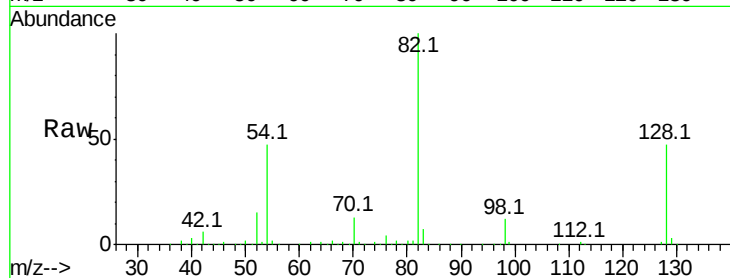
7.44



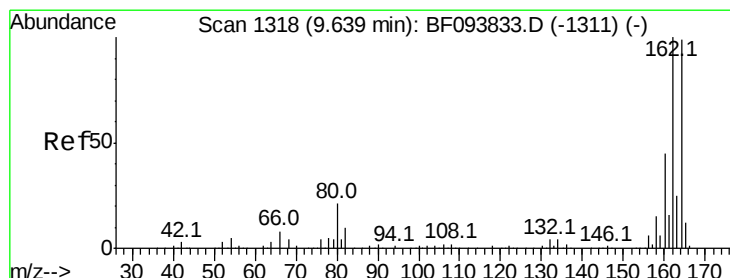
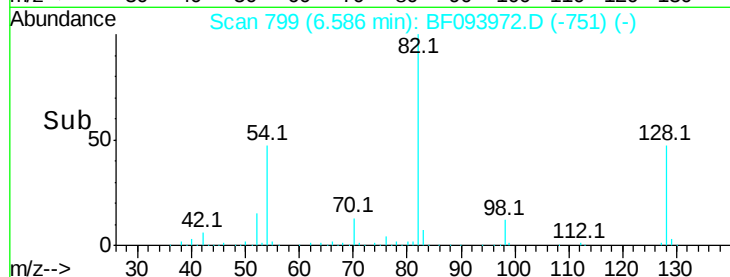
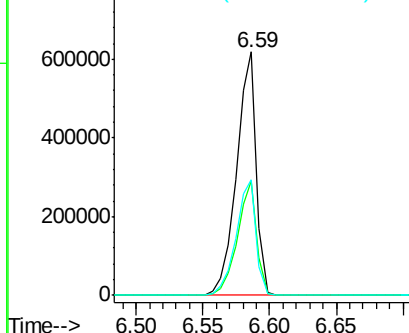
#23
 Nitrobenzene-d5
 Concen: 51.28 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	47.5	42.2	63.2

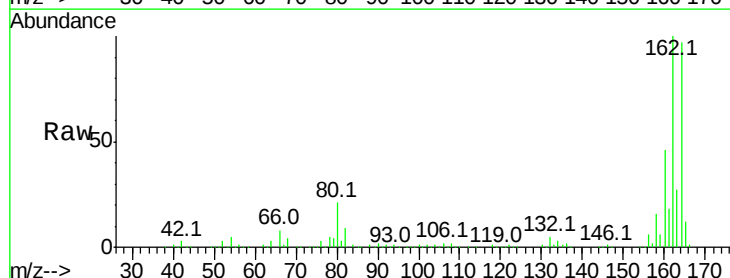


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

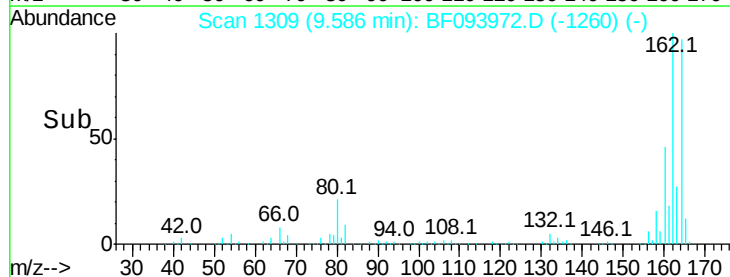
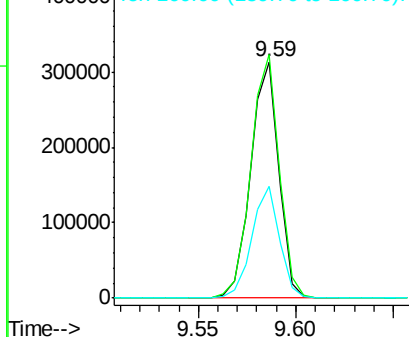


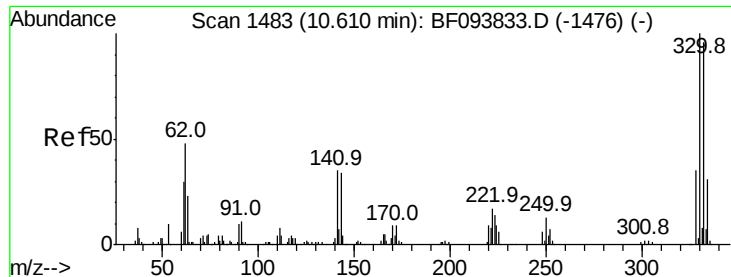
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	47.4	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

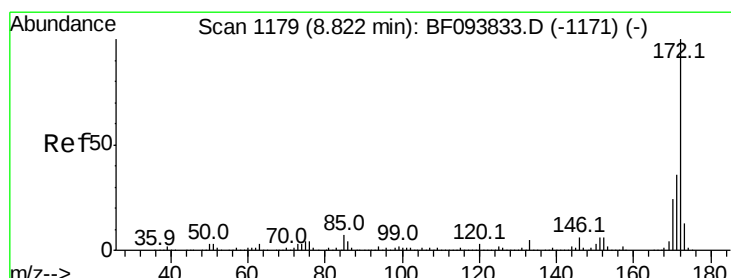
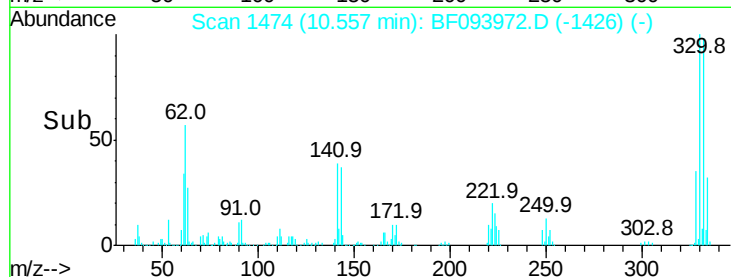
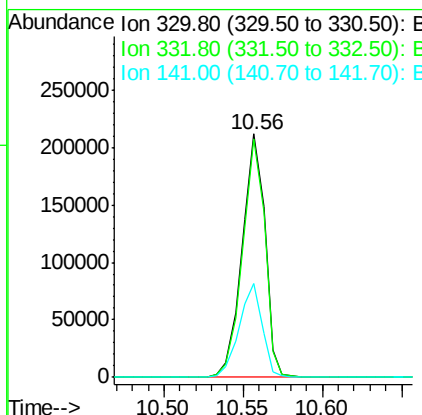
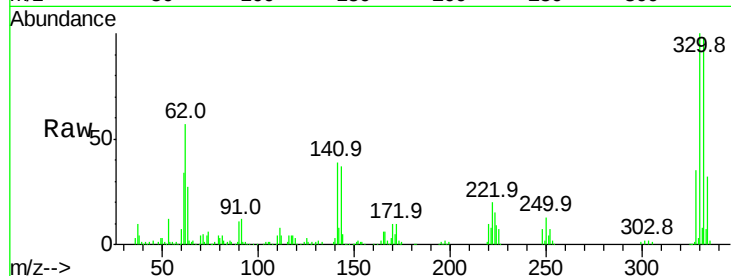




#41
 2,4,6-Tribromophenol
 Concen: 86.00 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

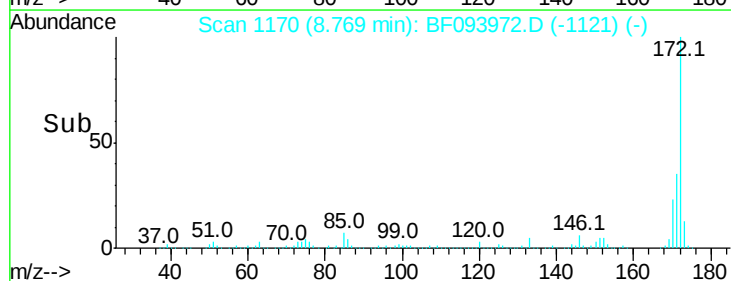
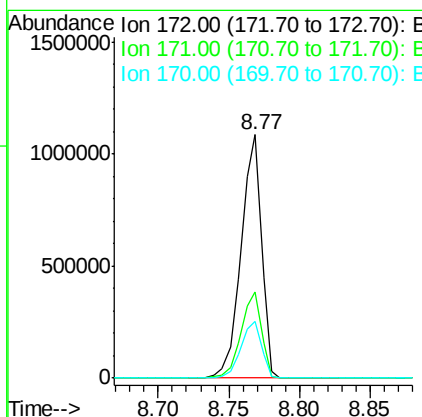
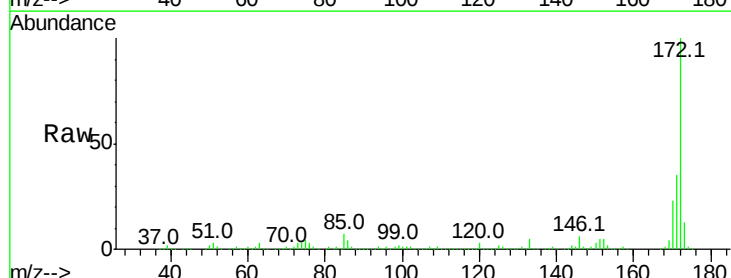
Instrument :
 BNA_F
 ClientSampled :
 HHD-S1

Tot Ion:330 Resp: 211146
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 53.98 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

Tgt Ion:172 Resp: 1099548
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 19.8 29.8

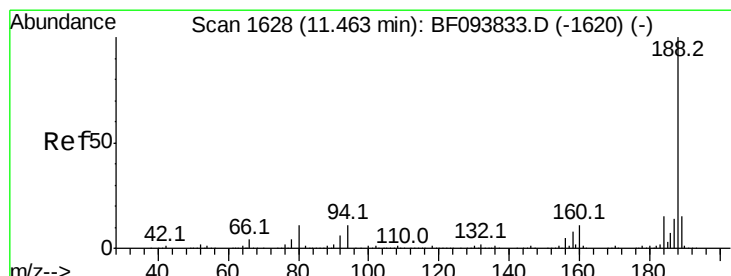
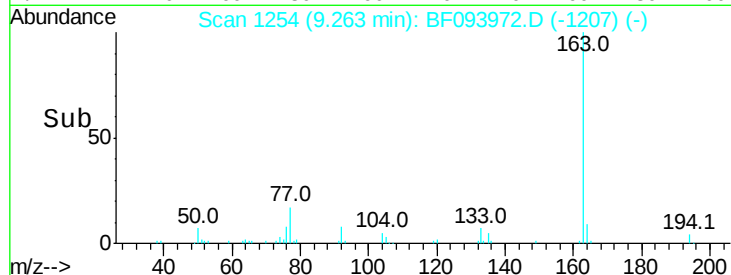
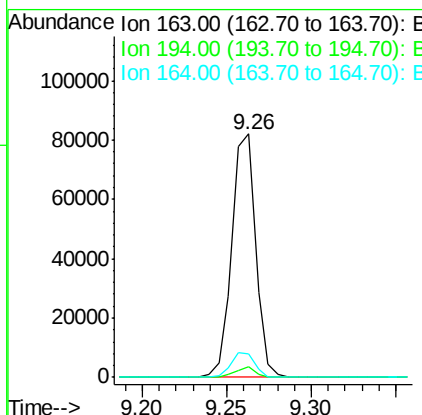
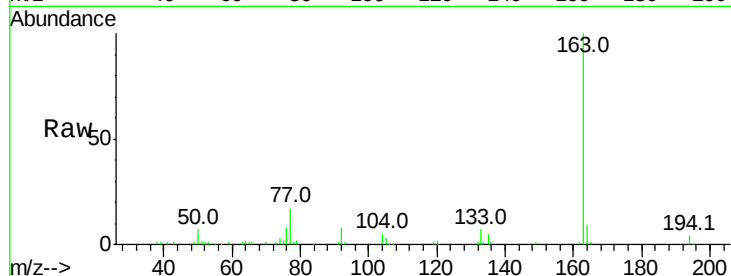




#49
Dimethylphthalate
Concen: 3.64 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF093972.D
Acq: 28 Mar 2017 5:12

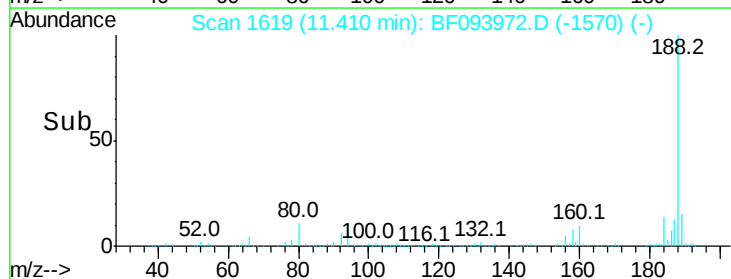
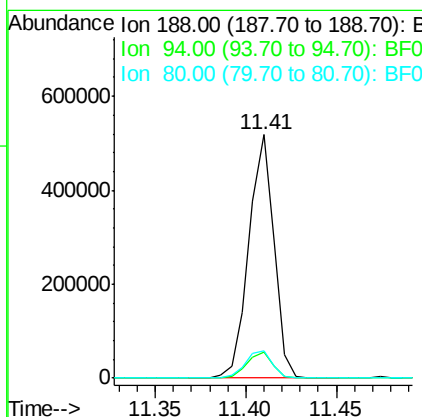
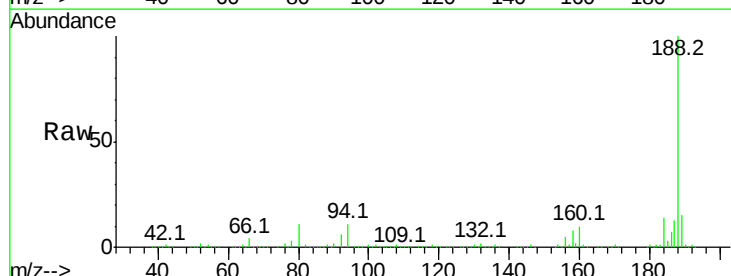
Instrument :
BNA_F
ClientSampled :
HHD-S1

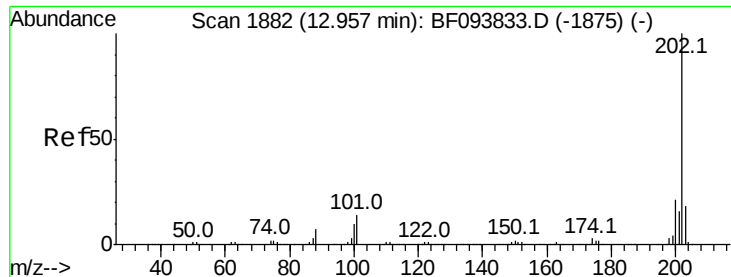
Tot Ion:163 Resp: 80389
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 9.4 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093972.D
Acq: 28 Mar 2017 5:12

Tgt Ion:188 Resp: 498902
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.4 10.2 15.2

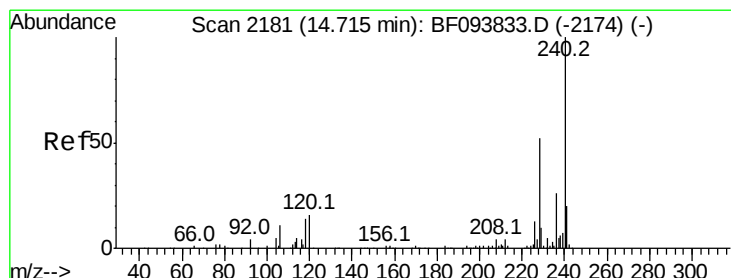
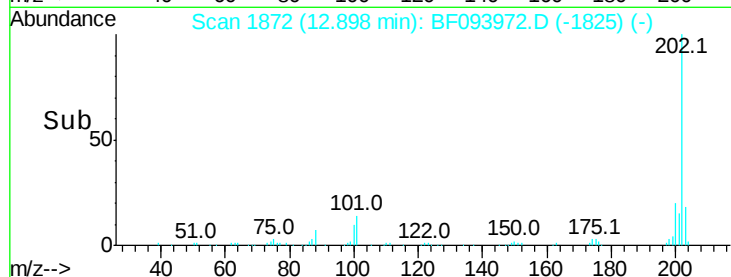
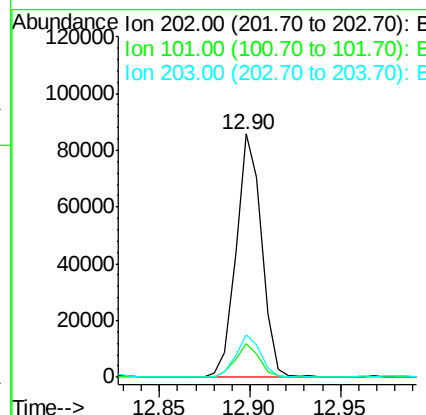
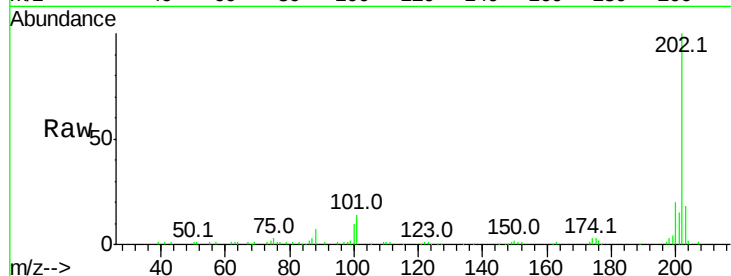




#74
 Fluoranthene
 Concen: 2.95 ng
 RT: 12.90 min Scan# 1872
 Delta R.T. -0.02 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

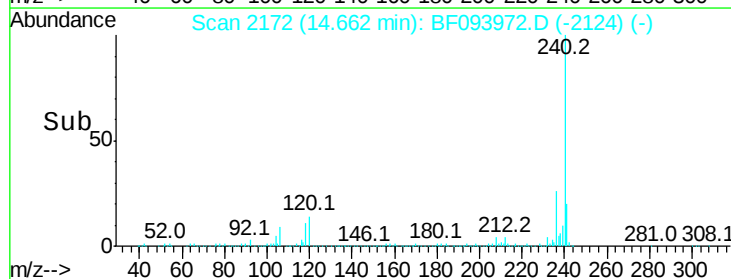
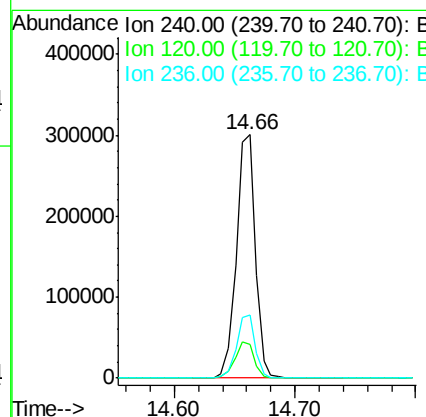
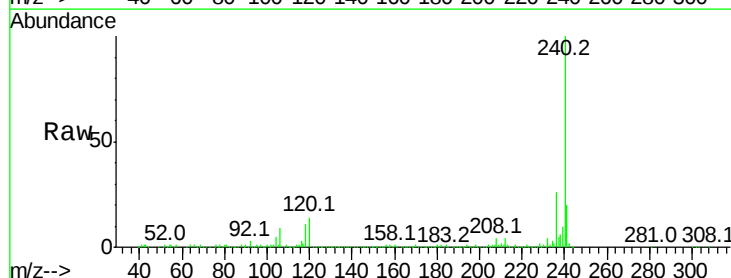
Instrument :
 BNA_F
 ClientSampleId :
 HHD-S1

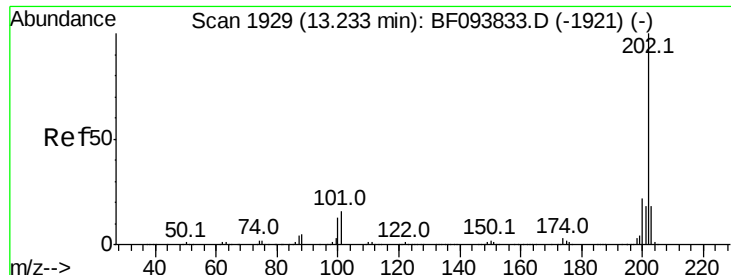
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BF093972.D
 Acq: 28 Mar 2017 5:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.1	20.5	30.7





#77

Pvrene

Concen: 2.83 ng

RT: 13.17 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

Instrument :

BNA_F

ClientSampleId :

HHD-S1

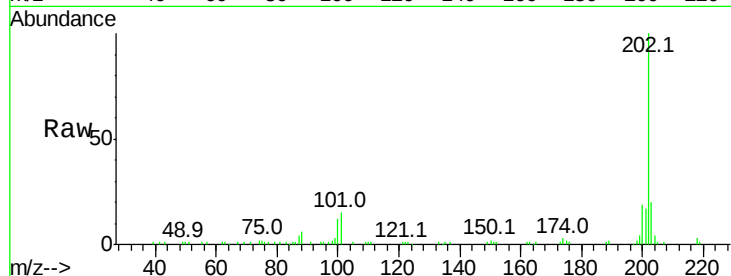
Tot Ion:202 Resp: 67443

Ion Ratio Lower Upper

202 100

200 19.3 17.6 26.4

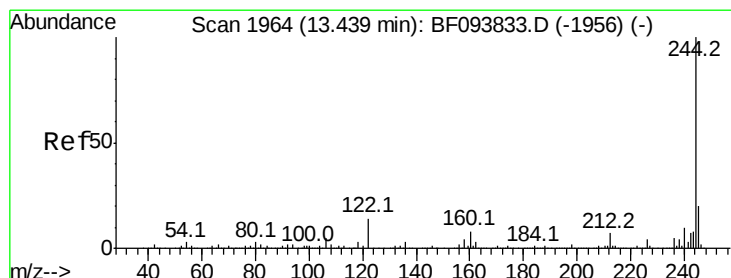
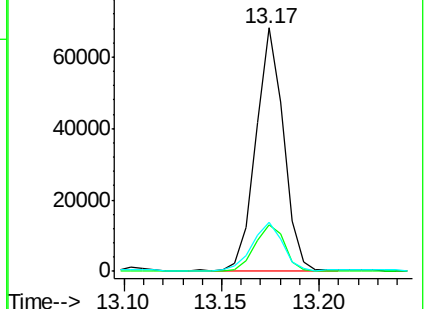
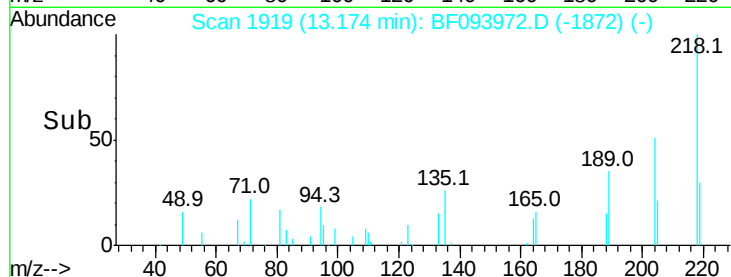
203 20.2 14.4 21.6



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: 45.71 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093972.D

Acq: 28 Mar 2017 5:12

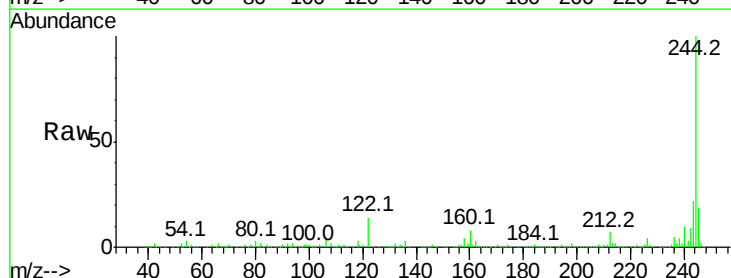
Tgt Ion:244 Resp: 670452

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

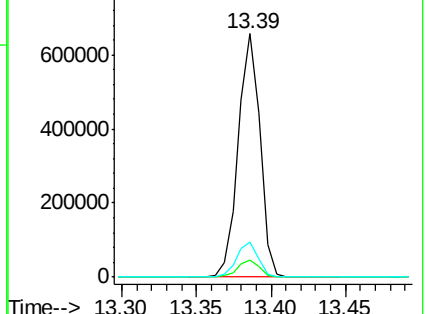
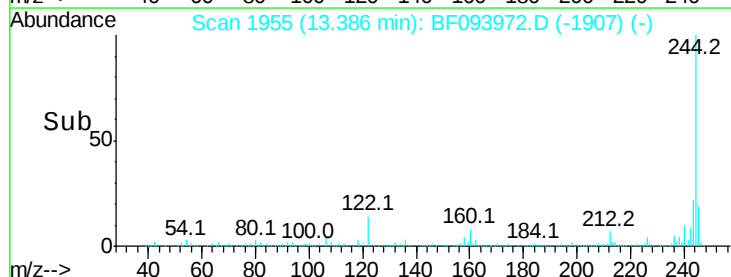
122 14.4 10.3 15.5

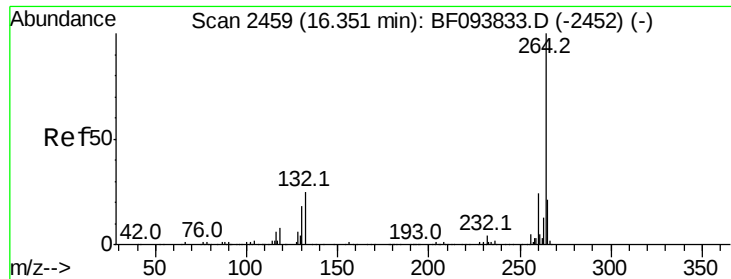


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093972.D
Acq: 28 Mar 2017 5:12

Instrument :
BNA_F
ClientSampleId :
HHD-S1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.9	17.2	25.8

