

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
 Data File : BF096159.D
 Acq On : 23 Jun 2017 14:56
 Operator : SJ/MA
 Sample : PB100046BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BL

Quant Time: Jun 24 00:06:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	59350	20.00	ng	-0.03
21) Naphthalene-d8	9.29	136	249674	20.00	ng	-0.04
38) Acenaphthene-d10	12.11	164	119584	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	235482	20.00	ng	-0.03
75) Chrysene-d12	18.24	240	222102	20.00	ng	-0.03
86) Perylene-d12	19.92	264	181462	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	490301	131.64	ng	-0.03
7) Phenol-d6	6.83	99	590973	132.53	ng	-0.04
23) Nitrobenzene-d5	8.18	82	352769	87.75	ng	-0.04
41) 2,4,6-Tribromophenol	13.41	330	146769	138.72	ng	-0.04
44) 2-Fluorobiphenyl	11.07	172	729008	84.83	ng	-0.04
78) Terphenyl-d14	16.90	244	741245	82.83	ng	-0.03

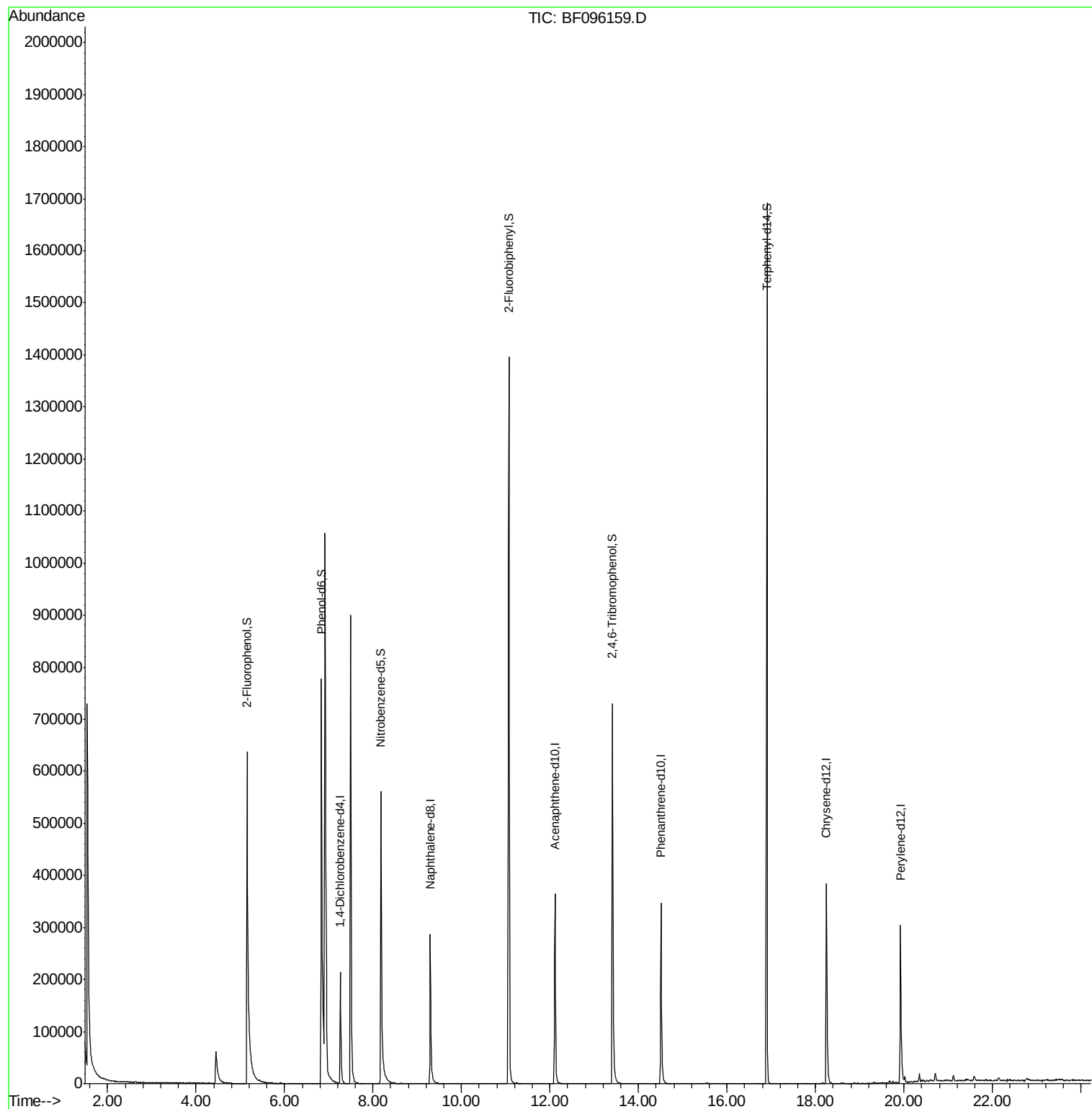
Target Compounds Qvalue

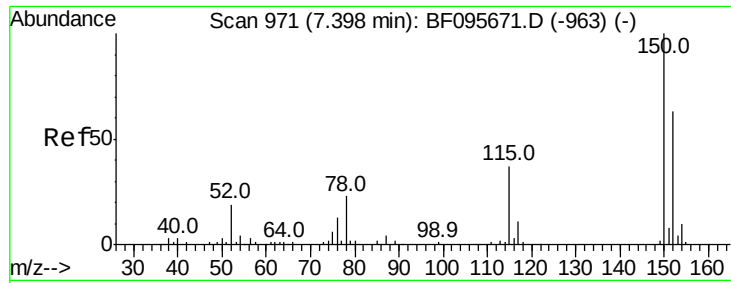
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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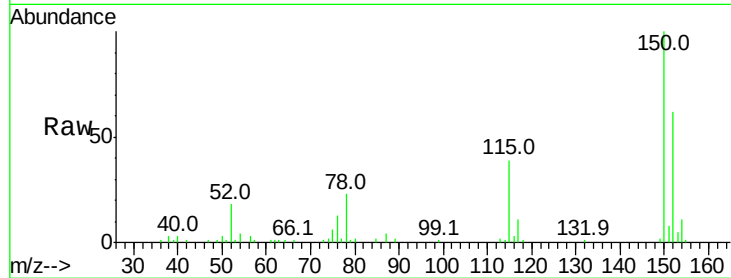


#1

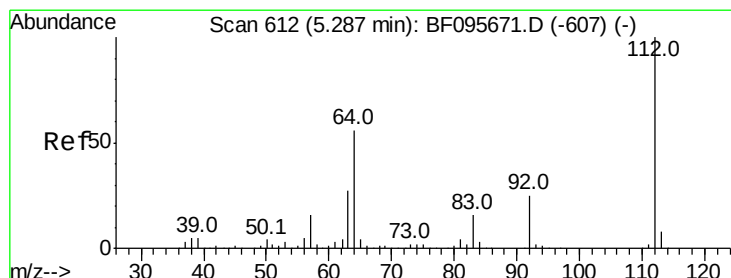
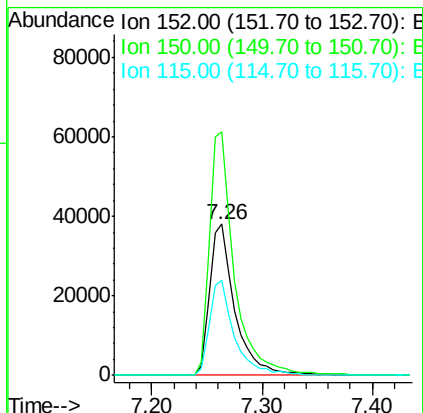
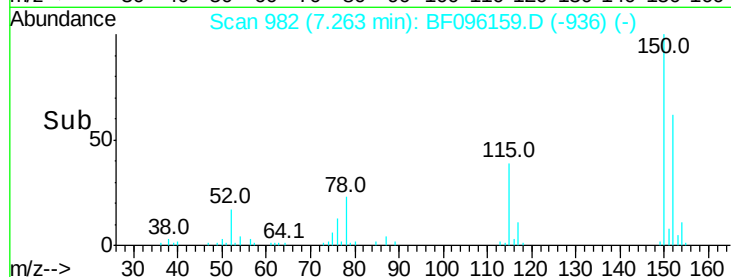
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096159.D
Acq: 23 Jun 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PB100046BL

Tot Ion:152 Resp: 59350
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 62.5 52.2 78.2



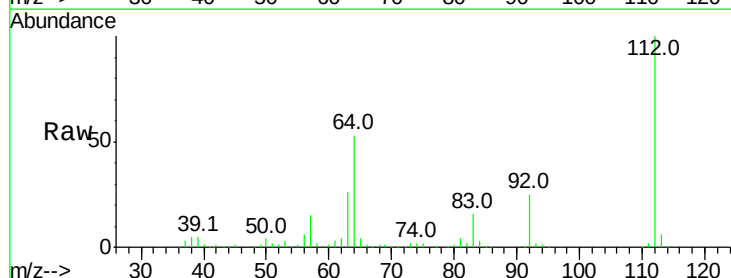
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



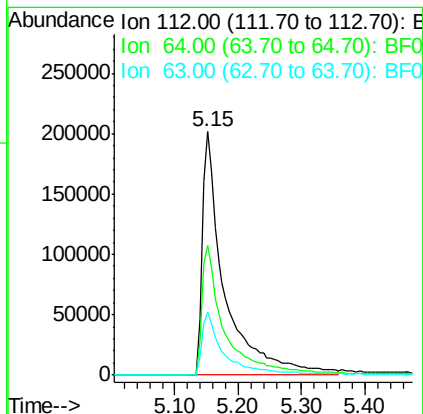
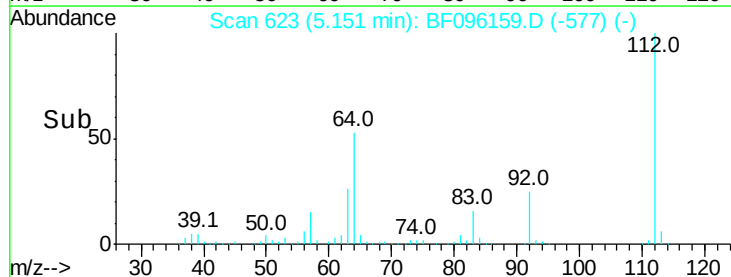
#5

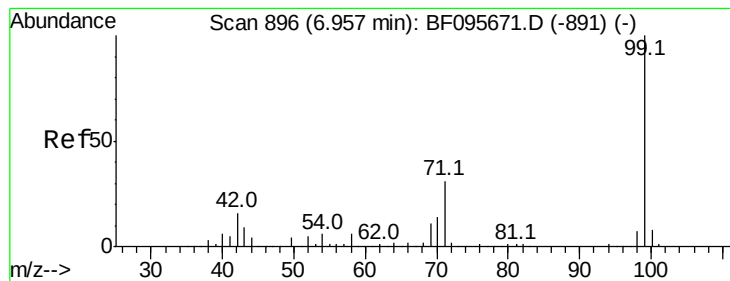
2-Fluorophenol
Concen: 131.64 ng
RT: 5.15 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF096159.D
Acq: 23 Jun 2017 14:56

Tgt Ion:112 Resp: 490301
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 26.1 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: 132.53 ng

RT: 6.83 min Scan# 909

Delta R.T. -0.04 min

Lab File: BF096159.D

Acq: 23 Jun 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB100046BL

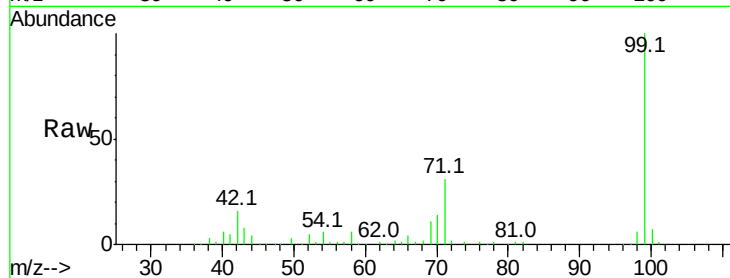
Tot Ion: 99 Resp: 590973

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

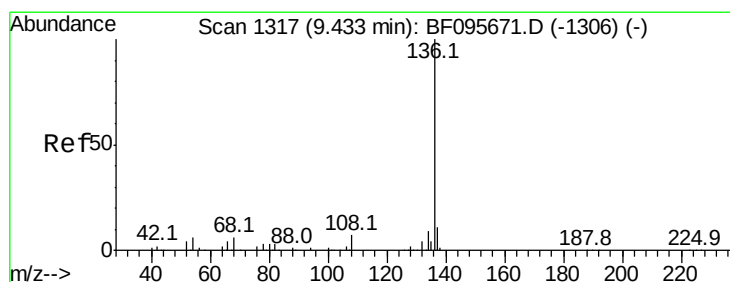
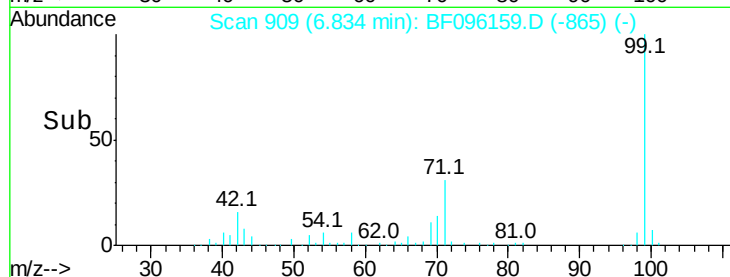
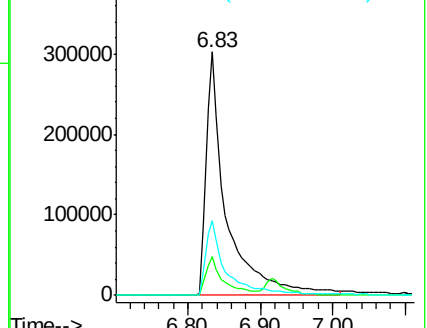
71 30.8 24.5 36.7



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: 9.29 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096159.D

Acq: 23 Jun 2017 14:56

Tgt Ion: 136 Resp: 249674

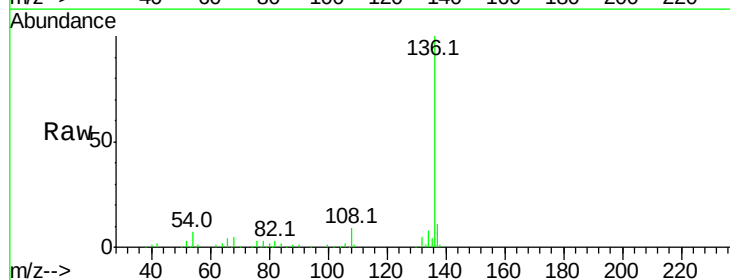
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

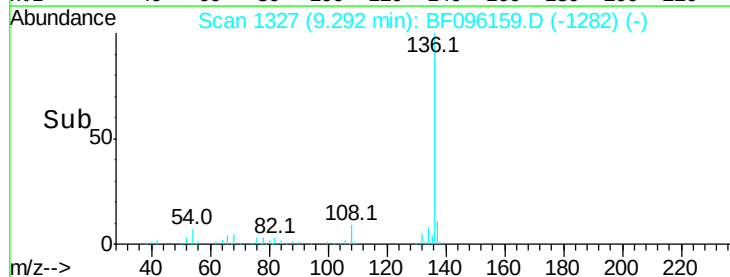
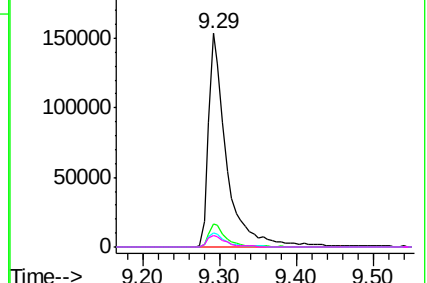


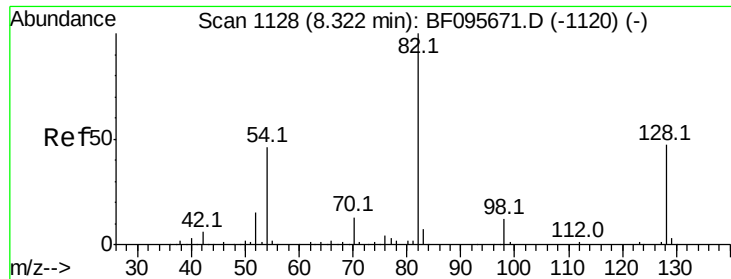
Abundance Ion 136.00 (135.70 to 136.70): E

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

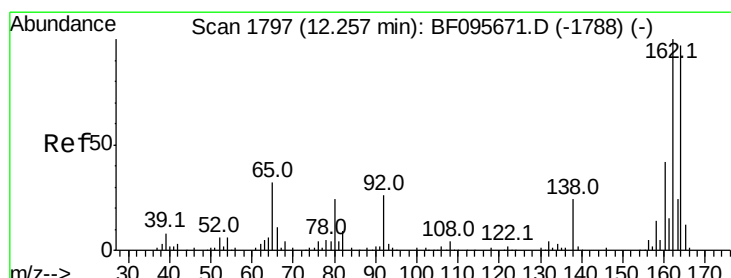
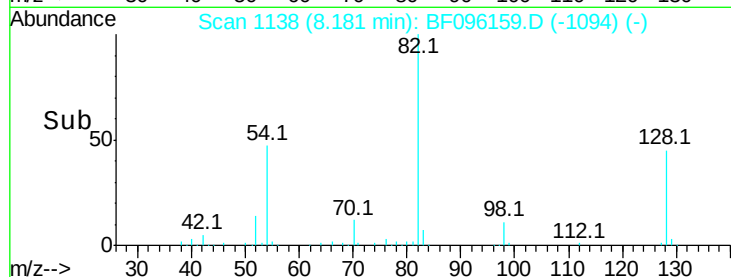
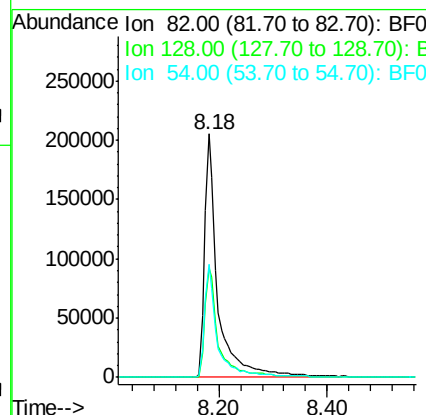
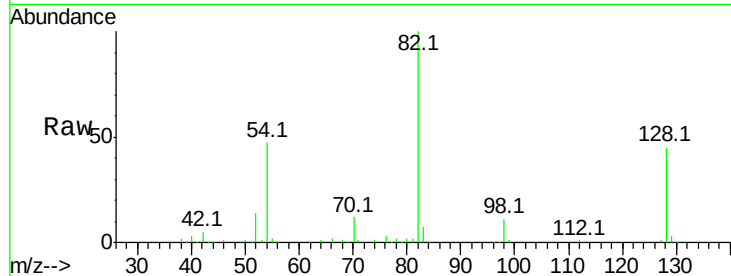




#23
 Nitrobenzene-d5
 Concen: 87.75 ng
 RT: 8.18 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

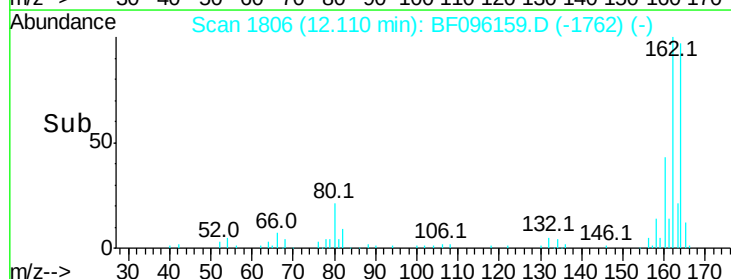
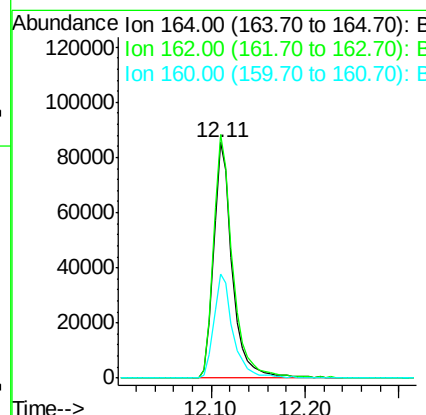
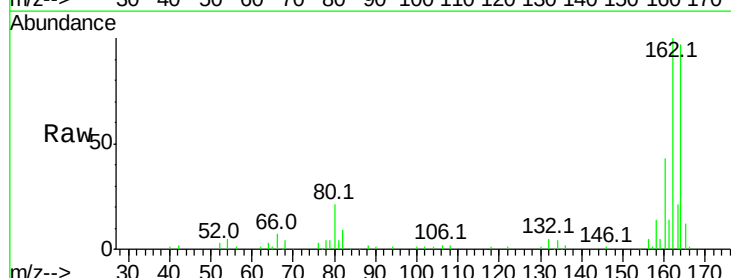
Instrument :
 BNA_F
 ClientSampleId :
 PB100046BL

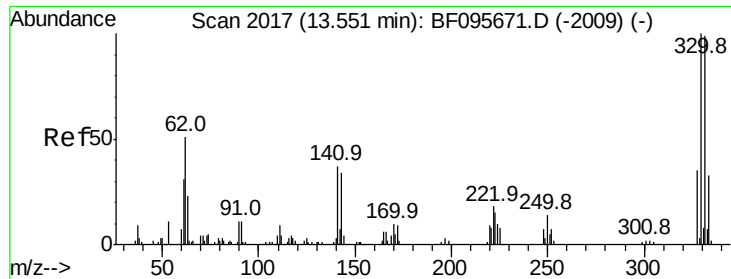
Tot Ion: 82 Resp: 352769
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 46.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.11 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

Tgt Ion: 164 Resp: 119584
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 44.3 36.2 54.2

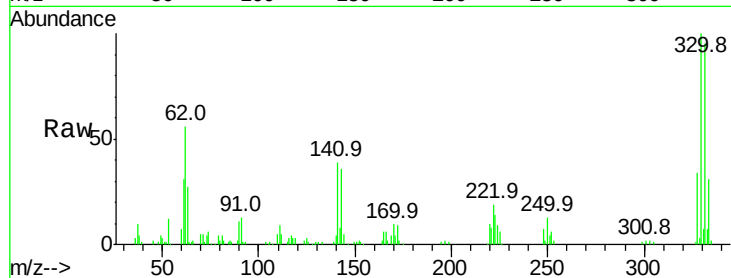




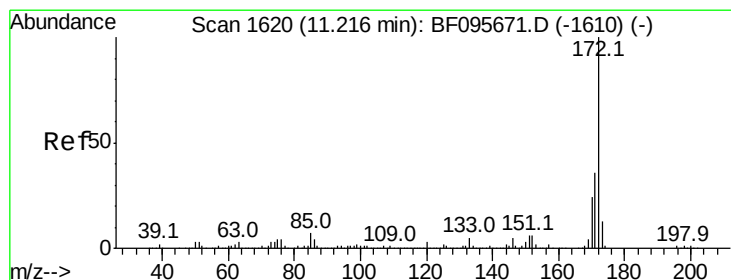
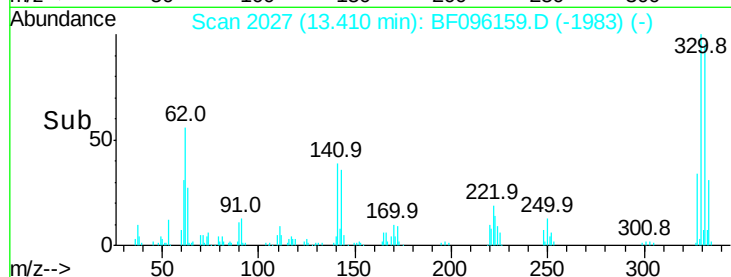
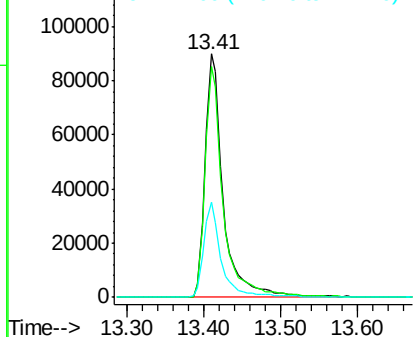
#41
 2,4,6-Tribromophenol
 Concen: 138.72 ng
 RT: 13.41 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BL

Tot Ion:330 Resp: 146769
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.9 31.4 47.2

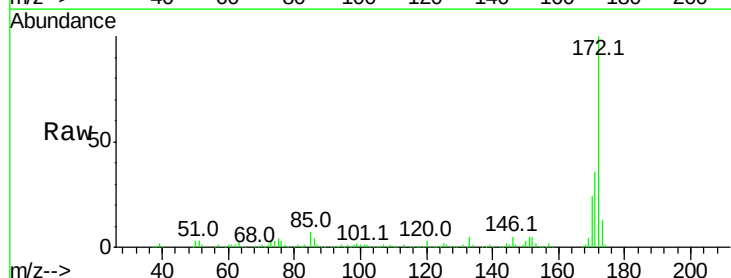


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

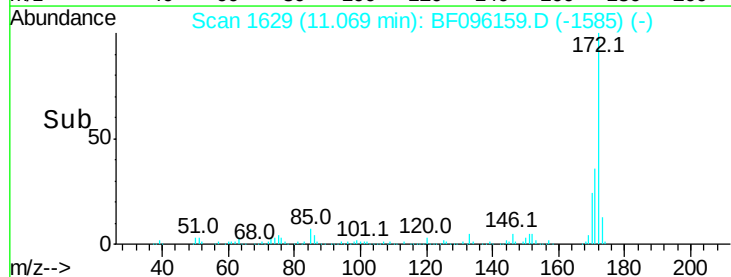
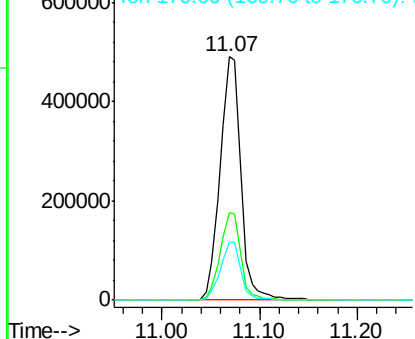


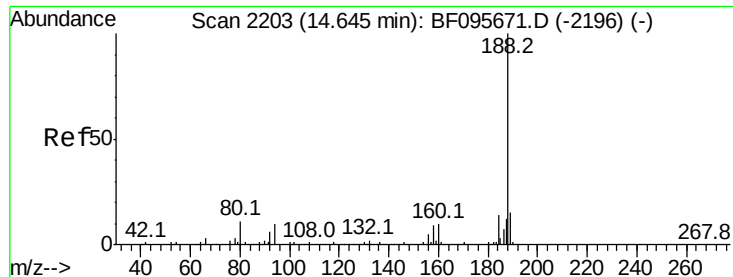
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 11.07 min Scan# 1629
 Delta R.T. -0.04 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

Tgt Ion:172 Resp: 729008
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 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

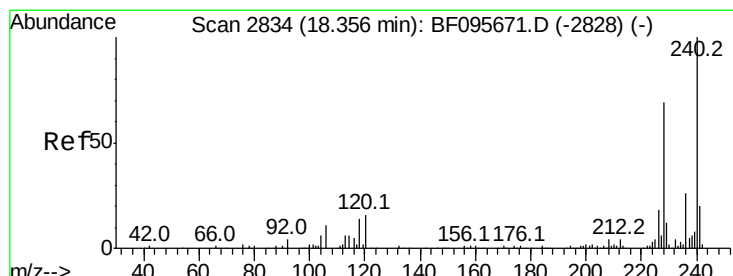
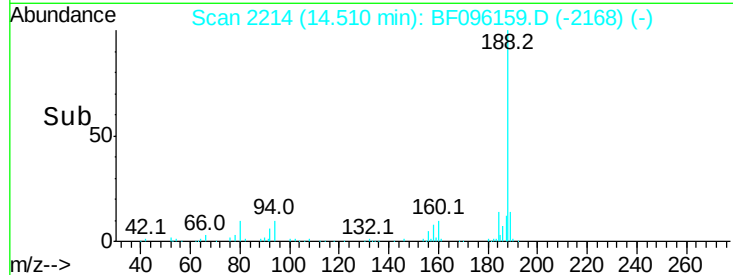
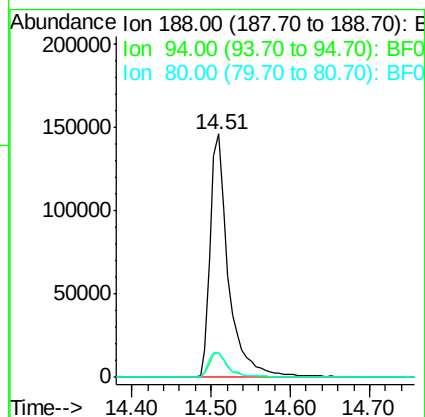
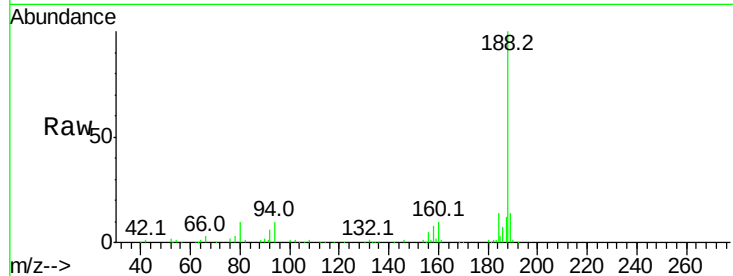




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096159.D
Acq: 23 Jun 2017 14:56

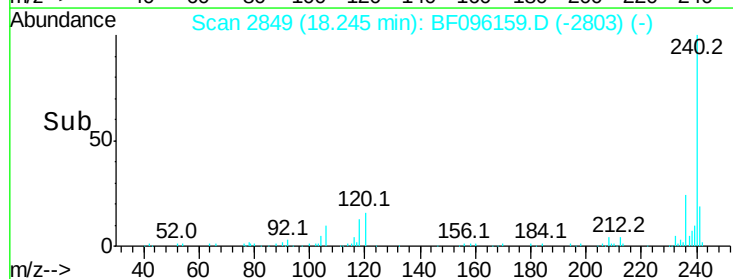
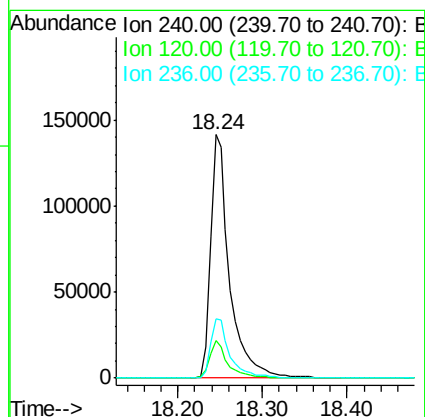
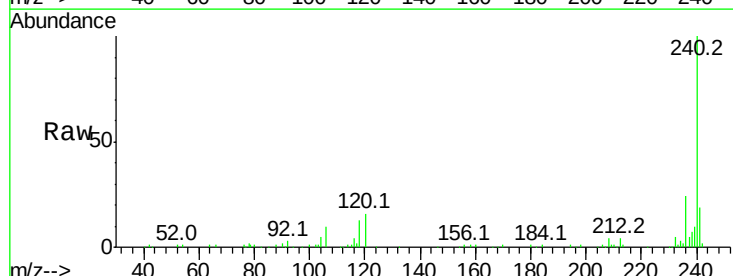
Instrument :
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ClientSampleId :
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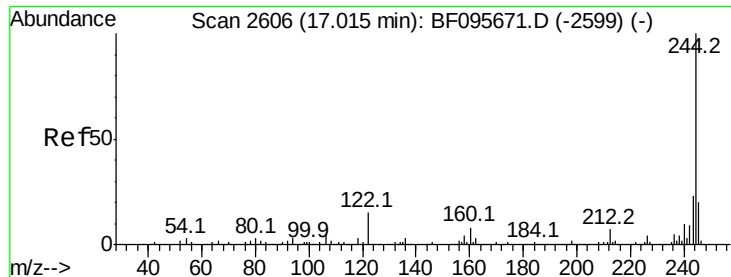
Tot Ion:188 Resp: 235482
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BF096159.D
Acq: 23 Jun 2017 14:56

Tgt Ion:240 Resp: 222102
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 24.2 20.5 30.7

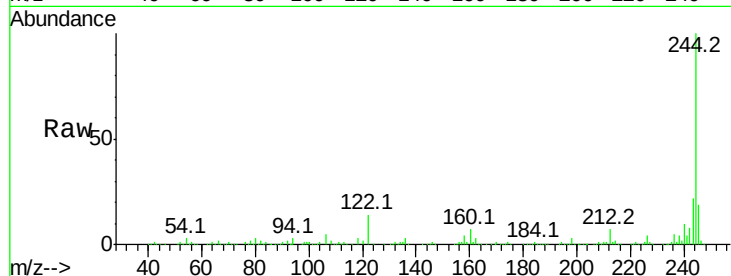




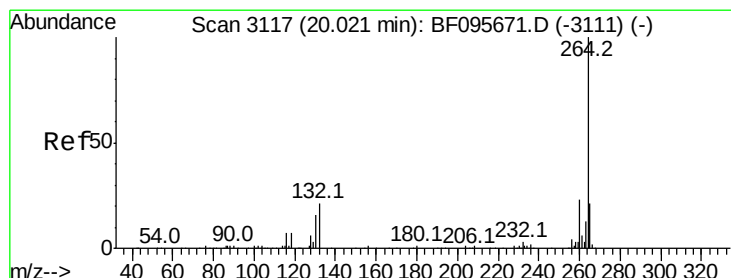
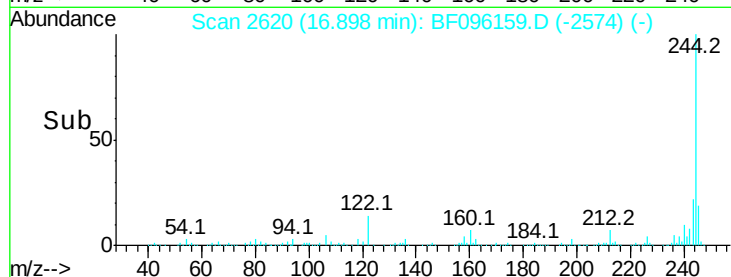
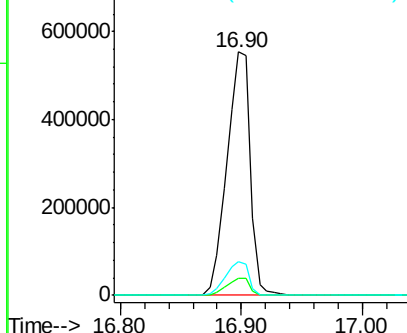
#78
 Terphenyl-d14
 Concen: 82.83 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB100046BL

Tot Ion:244 Resp: 741245
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5

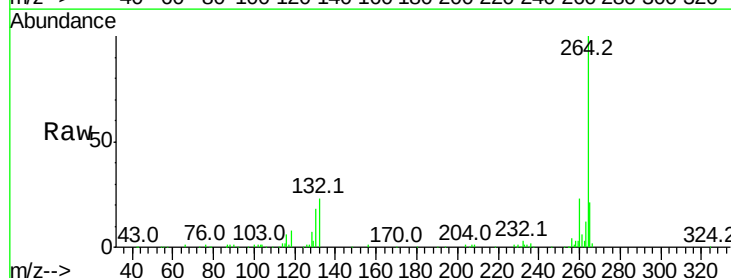


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.92 min Scan# 3134
 Delta R.T. -0.02 min
 Lab File: BF096159.D
 Acq: 23 Jun 2017 14:56

Tgt Ion:264 Resp: 181462
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.6 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

