

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095227.D
 Acq On : 18 May 2017 17:42
 Operator : SJ/MA
 Sample : PB99052TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99052TB

Quant Time: May 19 01:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83748	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	350857	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	190974	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	341941	20.00	ng	0.00
75) Chrysene-d12	18.69	240	244493	20.00	ng	0.00
86) Perylene-d12	20.37	264	147236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	653501	130.10	ng	0.00
7) Phenol-d6	7.31	99	810537	134.48	ng	0.00
23) Nitrobenzene-d5	8.67	82	466726	83.88	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	211682	135.35	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1069800	80.63	ng	0.00
78) Terphenyl-d14	17.34	244	941463	84.81	ng	0.00

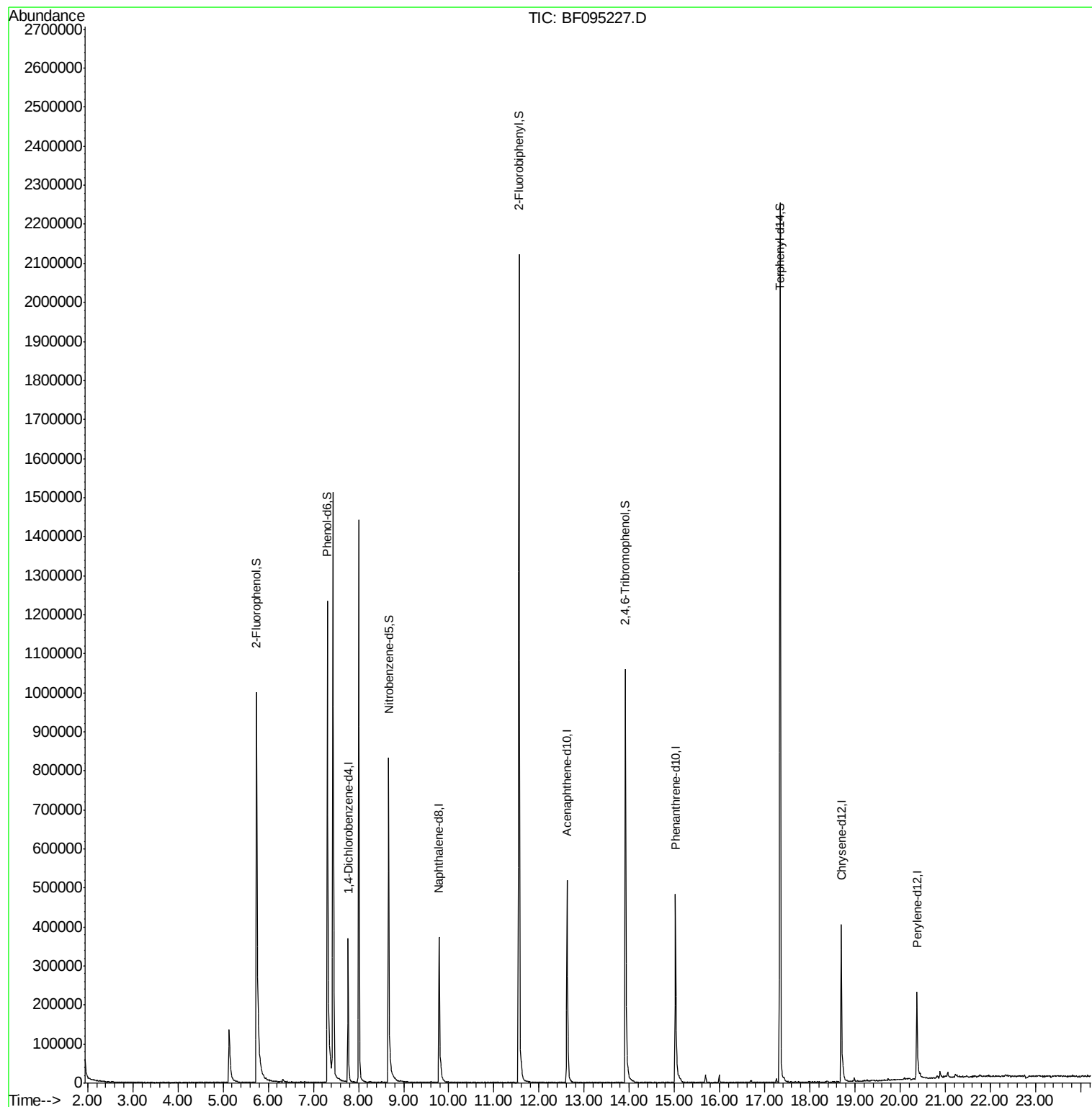
Target Compounds Qvalue

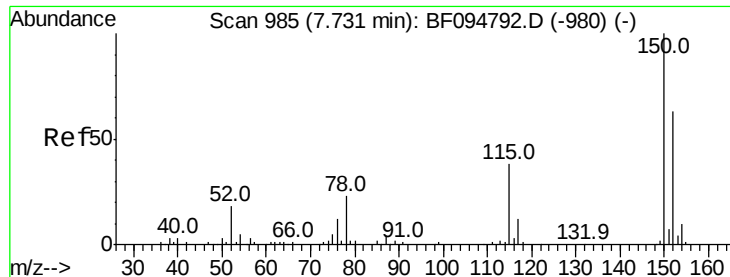
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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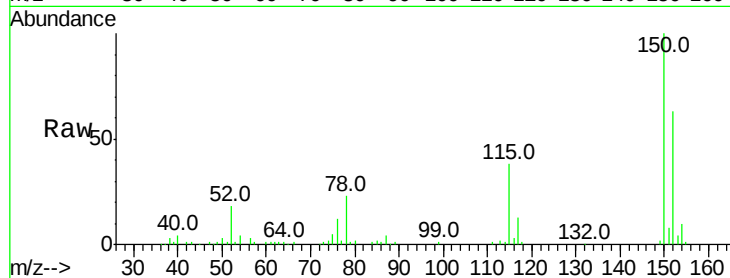


#1

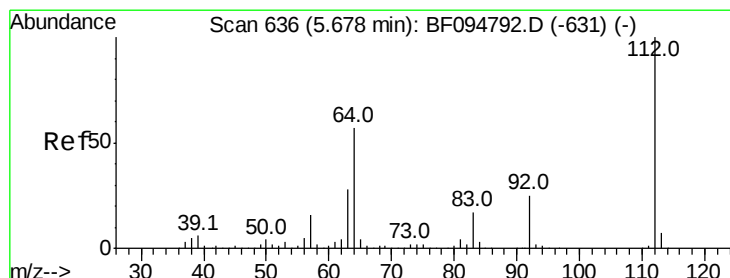
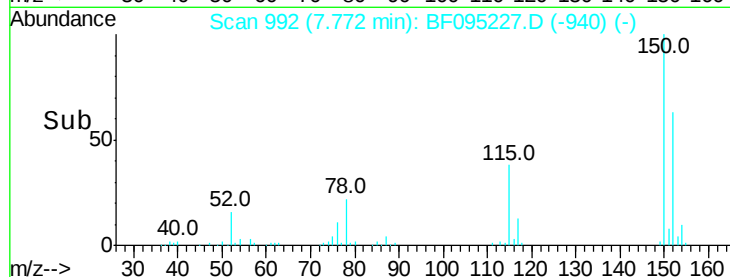
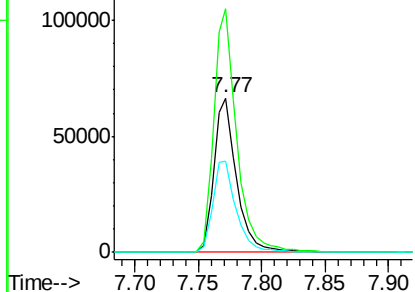
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095227.D
Acq: 18 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB99052TB

Tot Ion:152 Resp: 83748
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 59.2 52.2 78.2



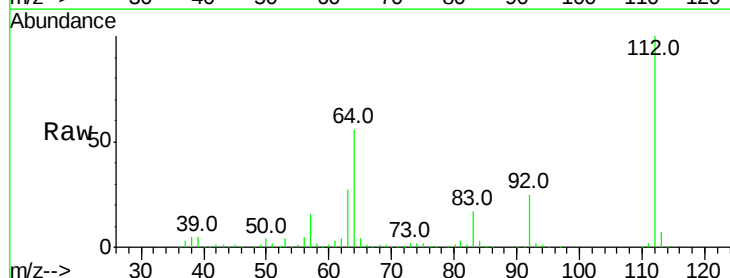
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



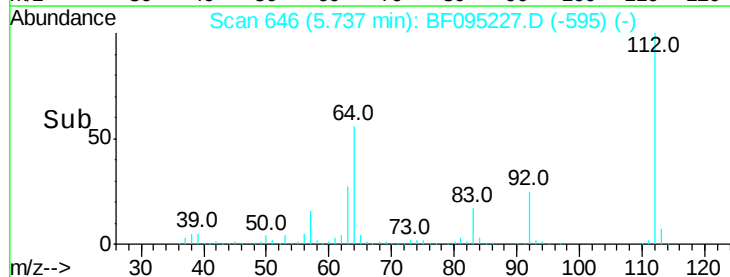
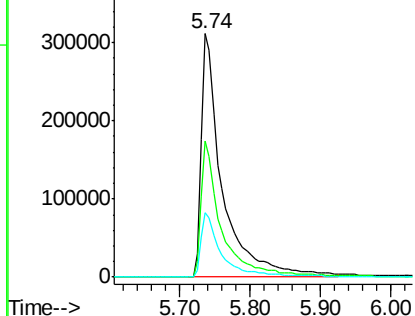
#5

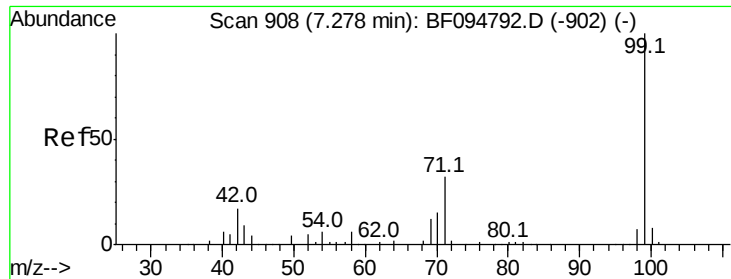
2-Fluorophenol
Concen: 130.10 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095227.D
Acq: 18 May 2017 17:42

Tgt Ion:112 Resp: 653501
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 26.7 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: 134.48 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB99052TB

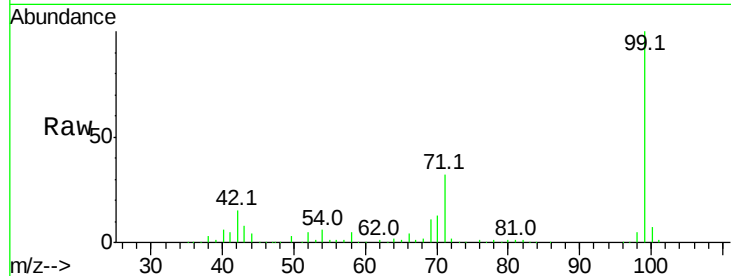
Tot Ion: 99 Resp: 810537

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

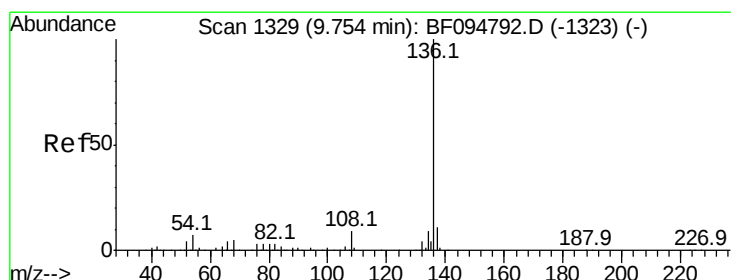
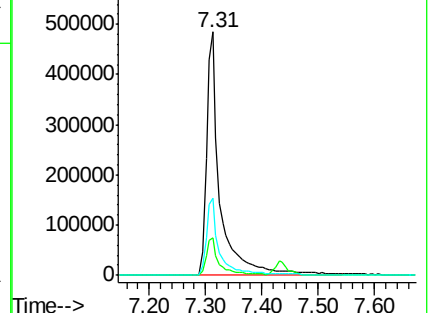
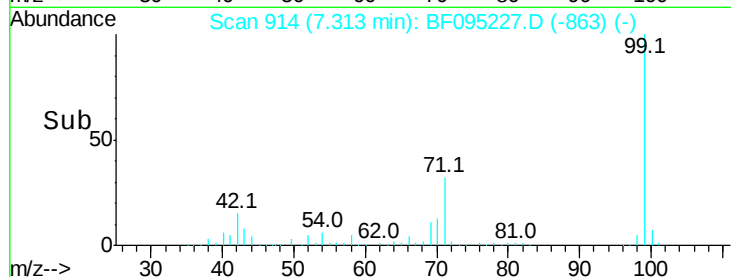
71 31.6 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

Tgt Ion: 136 Resp: 350857

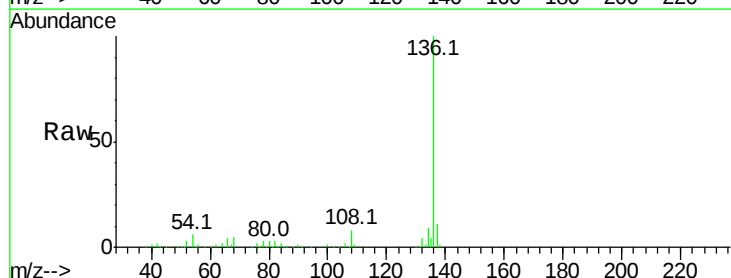
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.4 4.9 7.3

68 5.3 4.1 6.1

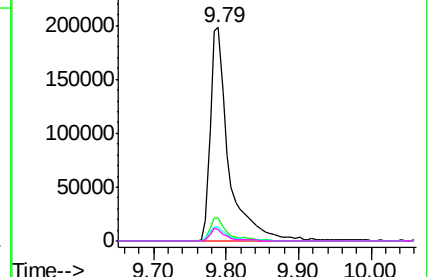
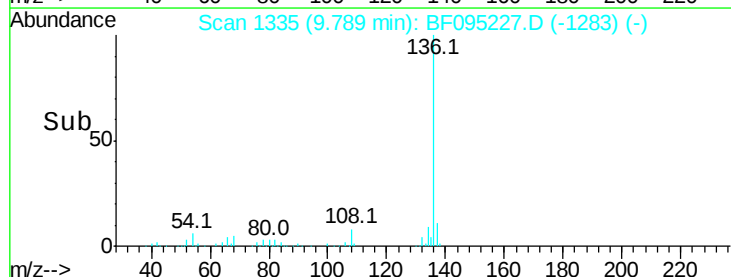


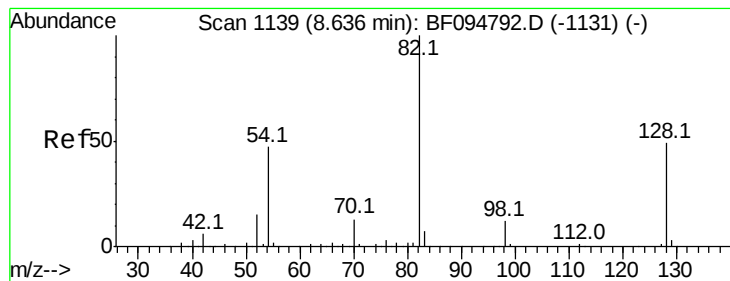
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 83.88 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB99052TB

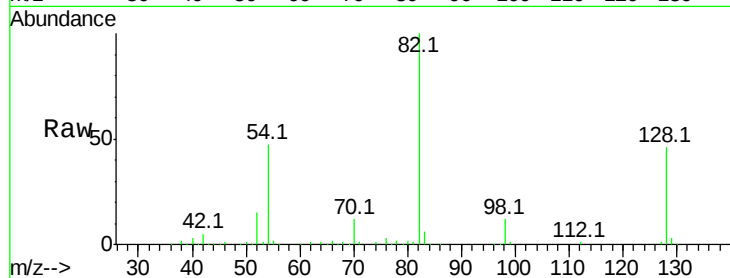
Tot Ion: 82 Resp: 466726

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

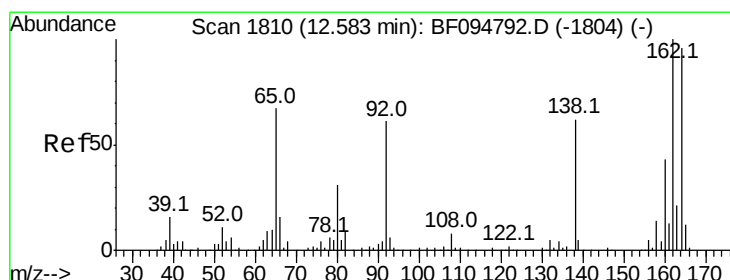
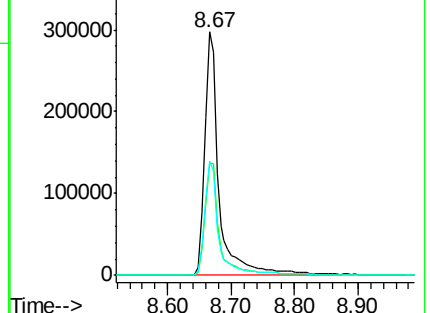
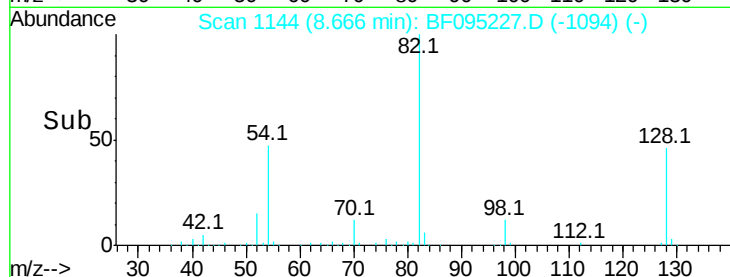
54 47.1 42.2 63.2



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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

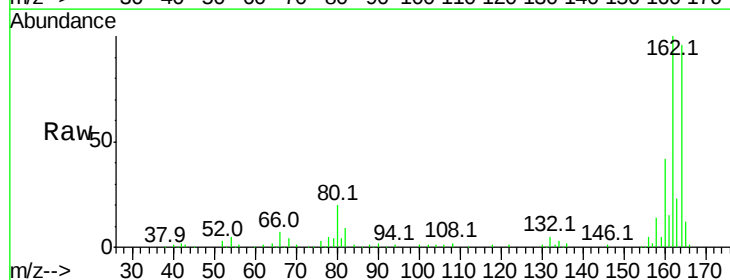
Tgt Ion:164 Resp: 190974

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

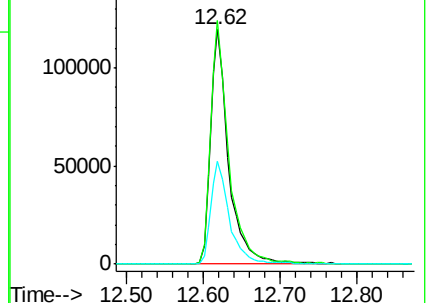
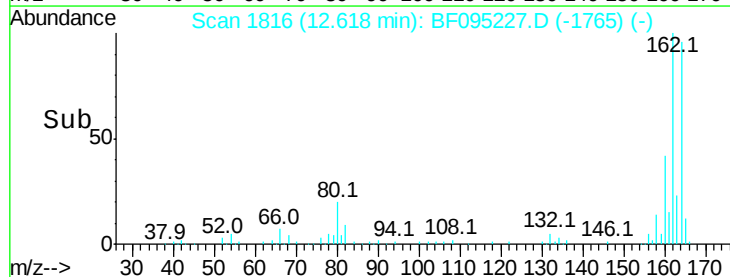
160 43.9 36.2 54.2

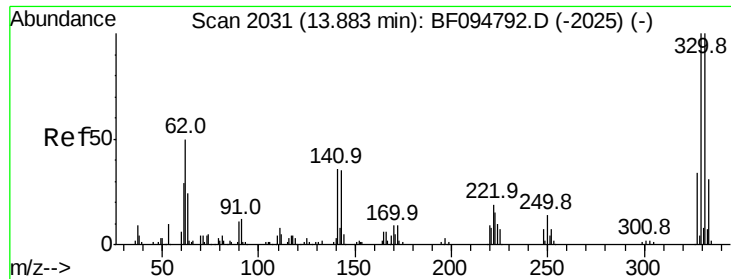


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

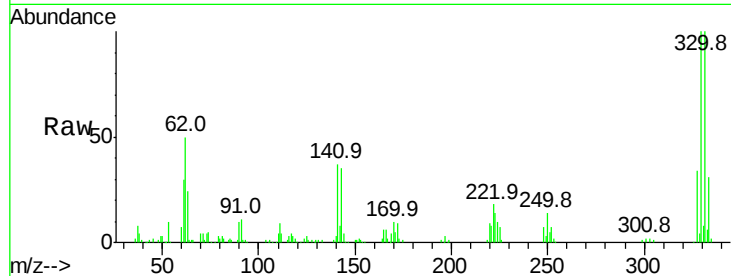




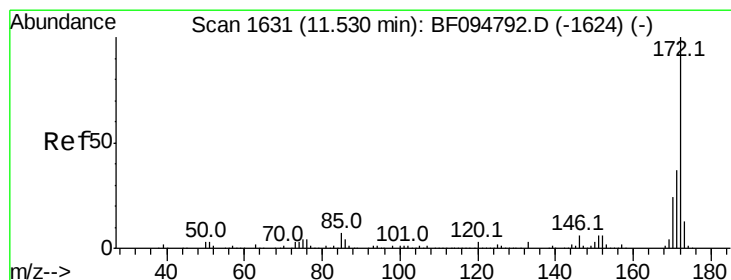
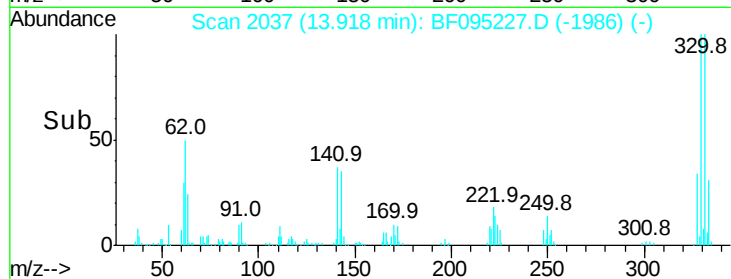
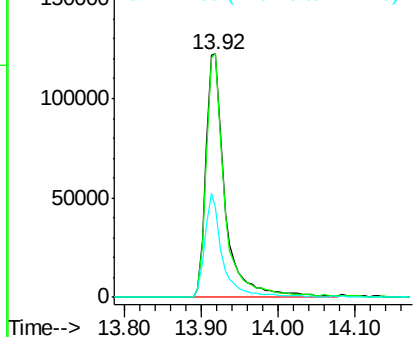
#41
 2,4,6-Tribromophenol
 Concen: 135.35 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095227.D
 Acq: 18 May 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB99052TB

Tot Ion:330 Resp: 211682
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.5 31.4 47.2

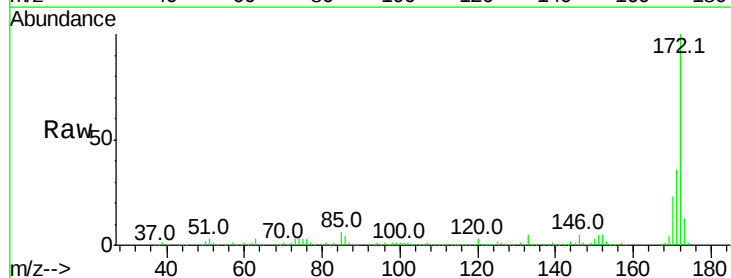


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

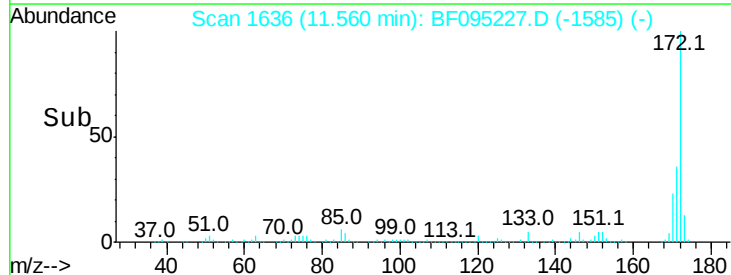
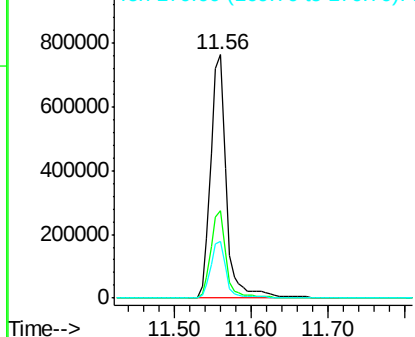


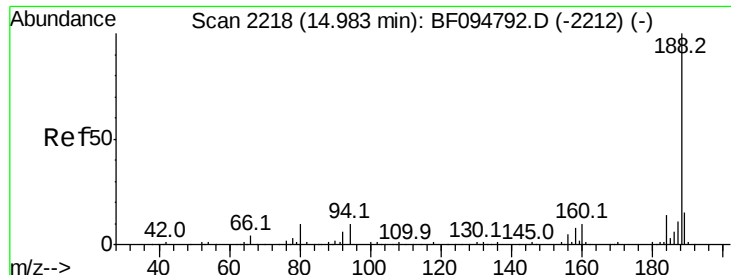
#44
 2-Fluorobiphenyl
 Concen: 80.63 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095227.D
 Acq: 18 May 2017 17:42

Tgt Ion:172 Resp: 1069800
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.3 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

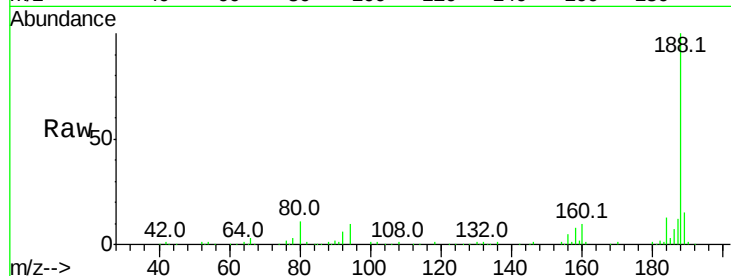




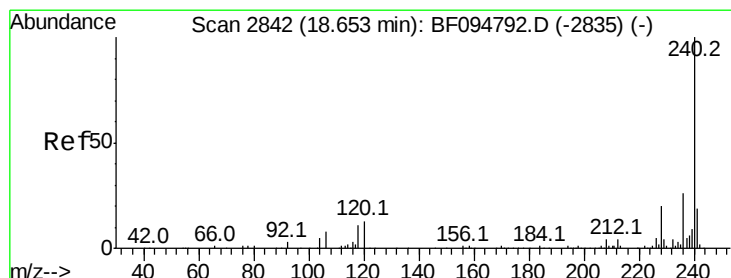
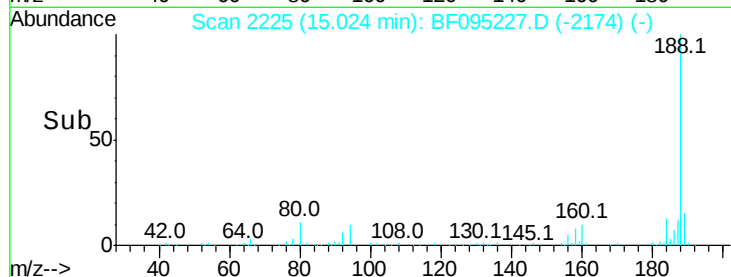
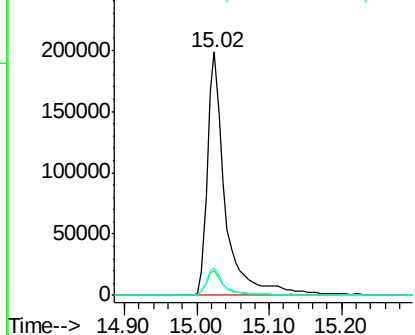
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095227.D
Acq: 18 May 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB99052TB

Tot Ion:188 Resp: 341941
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.0 10.2 15.2

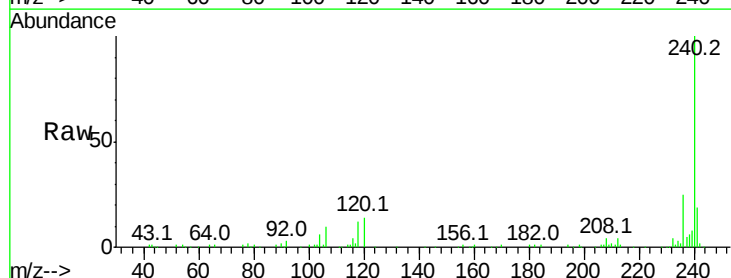


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

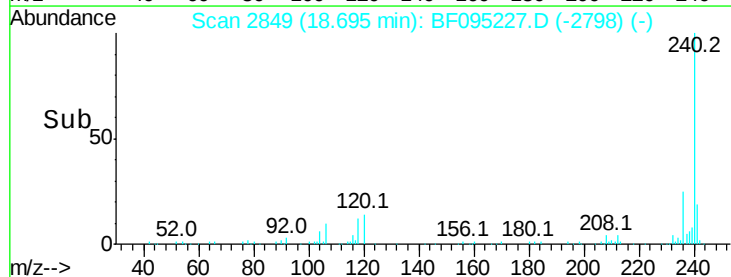
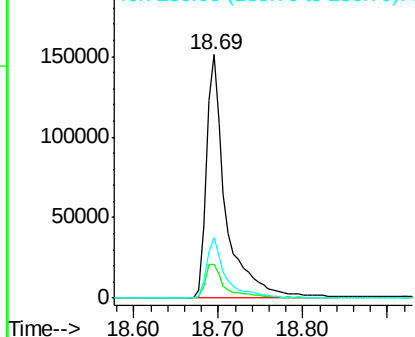


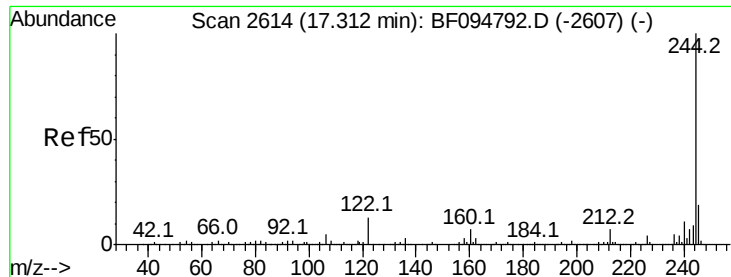
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095227.D
Acq: 18 May 2017 17:42

Tgt Ion:240 Resp: 244493
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 24.7 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: 84.81 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB99052TB

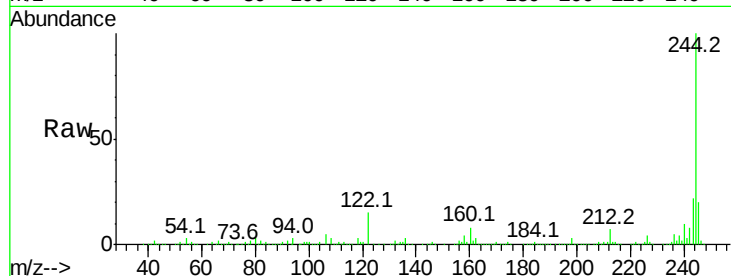
Tot Ion:244 Resp: 941463

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

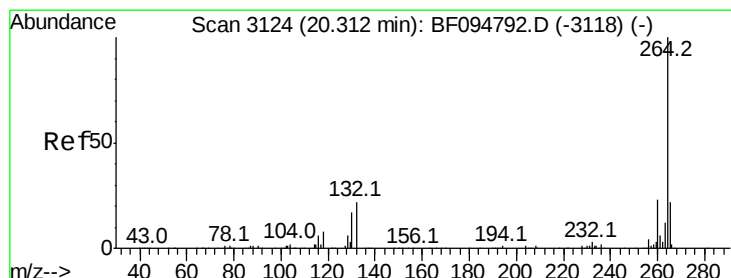
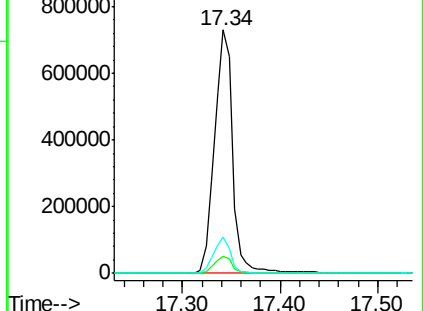
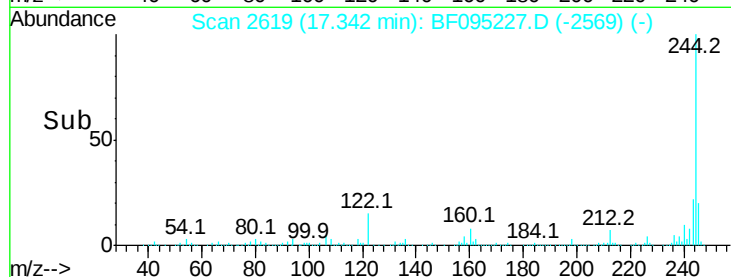
122 14.6 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095227.D

Acq: 18 May 2017 17:42

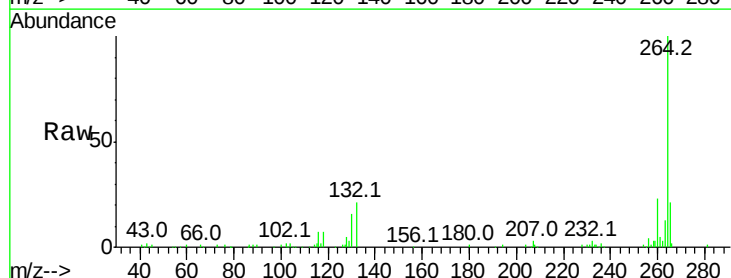
Tgt Ion:264 Resp: 147236

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.8 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

