

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095897.D
 Acq On : 13 Jun 2017 16:55
 Operator : SJ/MA
 Sample : PB99721BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BL

Quant Time: Jun 14 04:33:25 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	67792	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	287001	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	135652	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	254113	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	179608	20.00	ng	-0.04
86) Perylene-d12	19.99	264	122308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	563082	132.35	ng	-0.03
7) Phenol-d6	6.92	99	694179	136.29	ng	-0.04
23) Nitrobenzene-d5	8.27	82	399374	86.42	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	155202	129.31	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	824463	84.58	ng	-0.05
78) Terphenyl-d14	16.97	244	710356	98.15	ng	-0.04

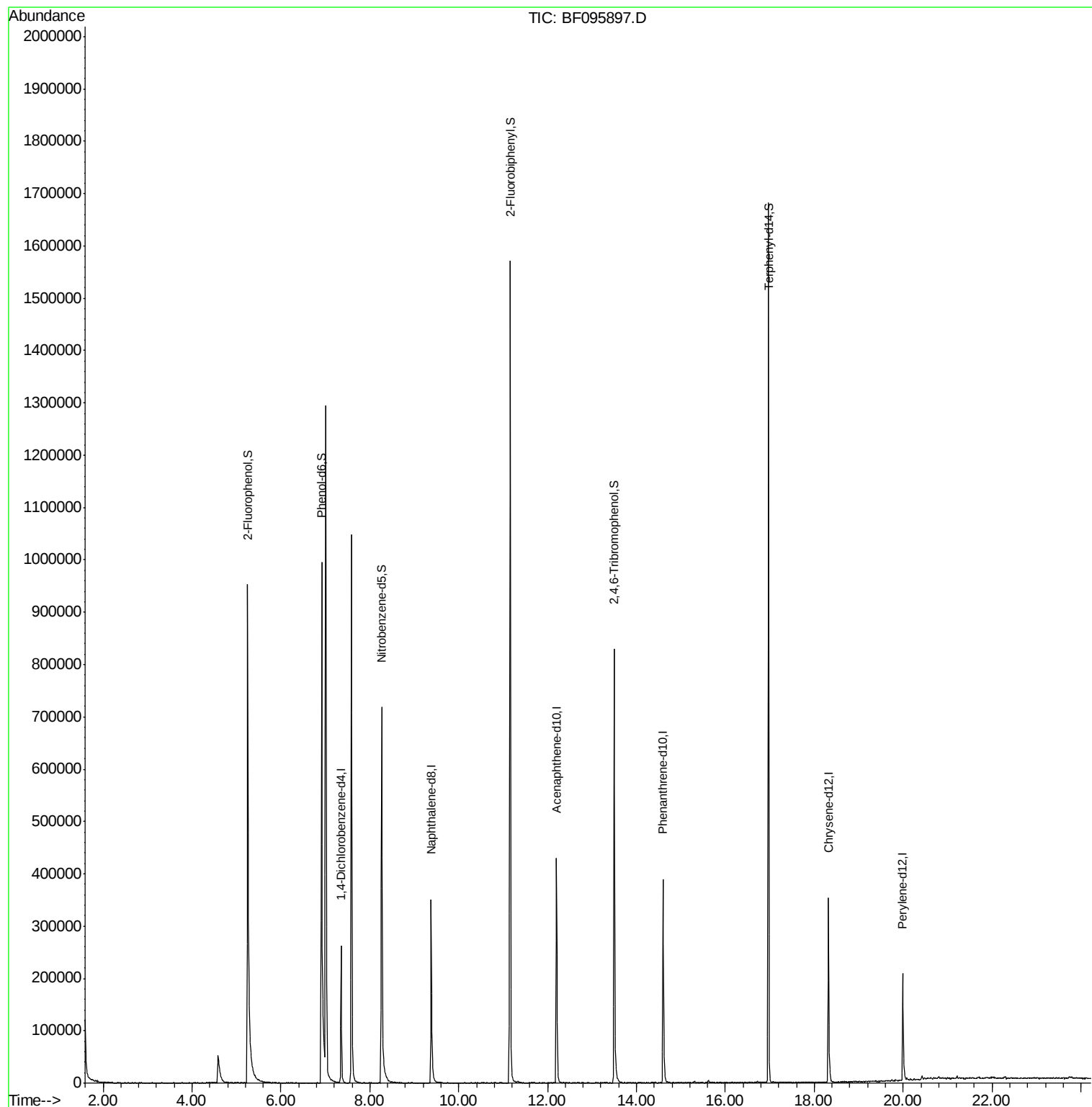
Target Compounds Qvalue

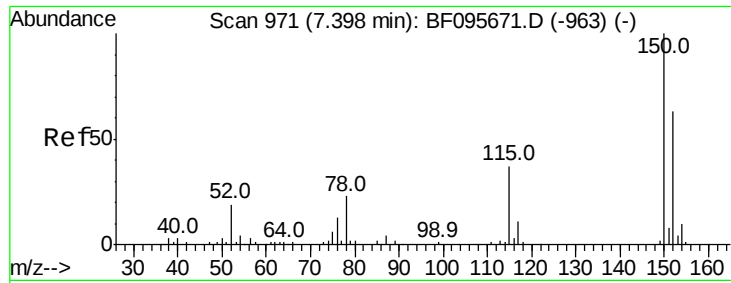
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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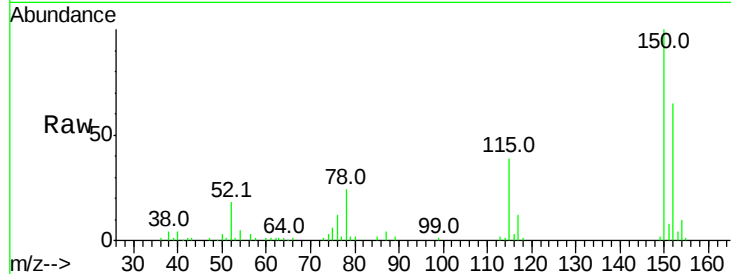


#1

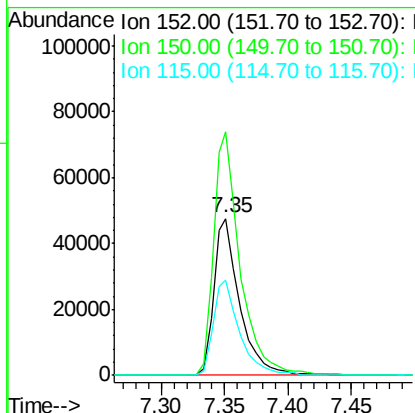
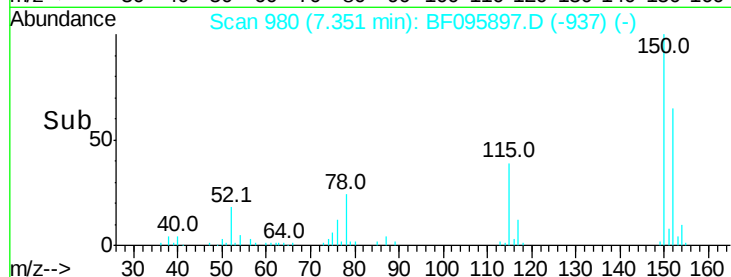
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Instrument :
 BNA_F
 ClientSampleID :
 PB99721BL

Tot Ion:152 Resp: 67792
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 60.2 52.2 78.2



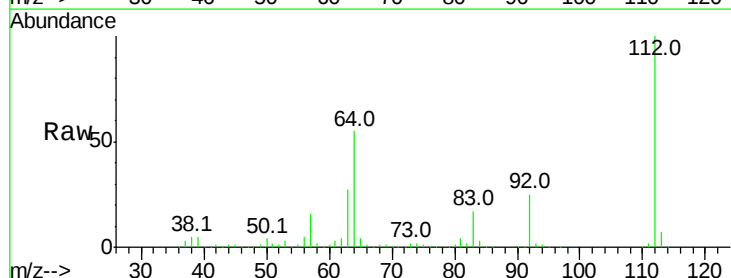
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



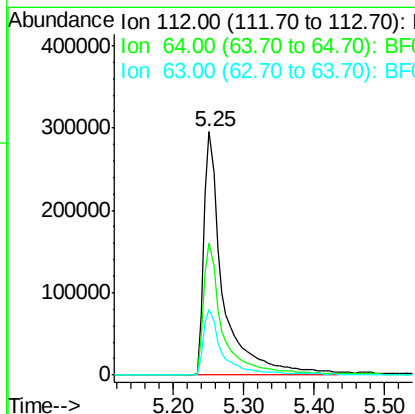
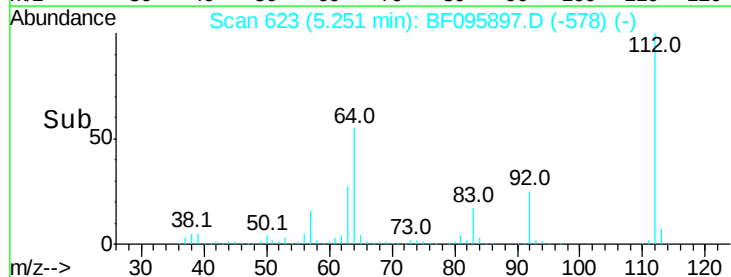
#5

2-Fluorophenol
 Concen: 132.35 ng
 RT: 5.25 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Tgt Ion:112 Resp: 563082
 Ion Ratio Lower Upper
 112 100
 64 54.5 46.0 69.0
 63 27.0 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: 136.29 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB99721BL

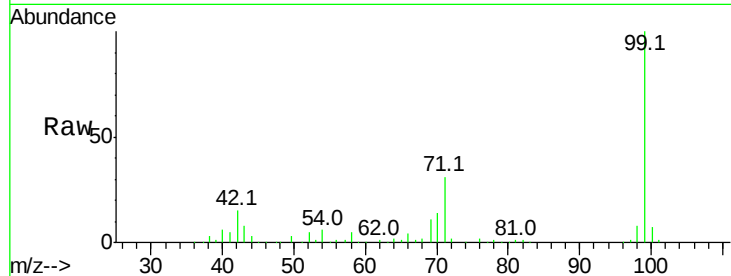
Tot Ion: 99 Resp: 694179

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

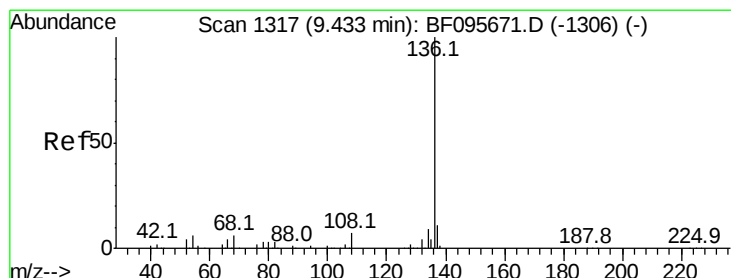
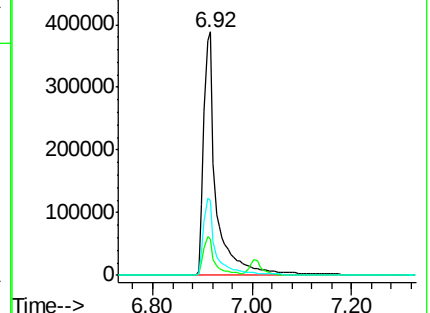
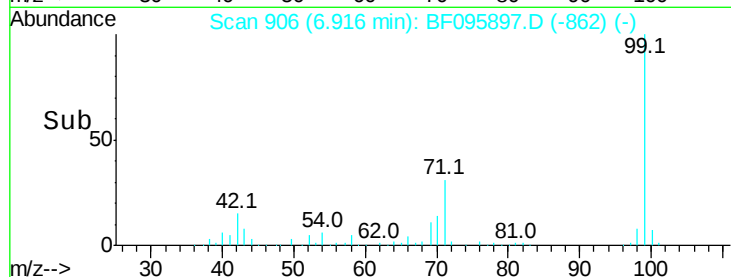
71 30.9 24.5 36.7



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: BF095897.D

Acq: 13 Jun 2017 16:55

Tgt Ion: 136 Resp: 287001

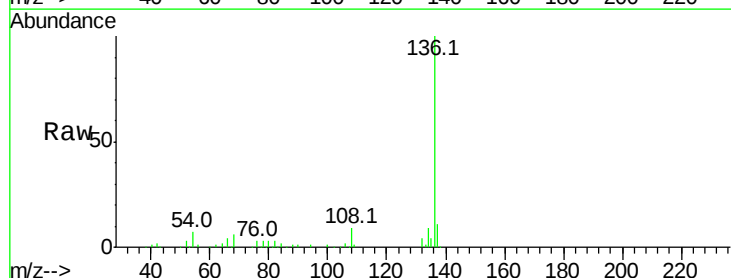
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

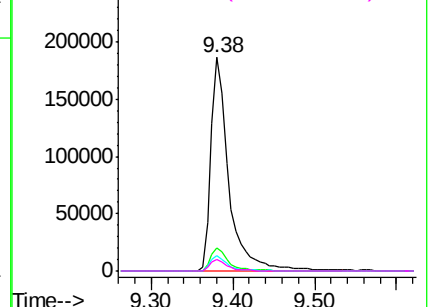
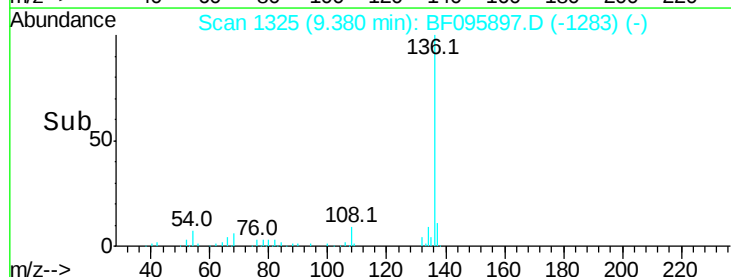


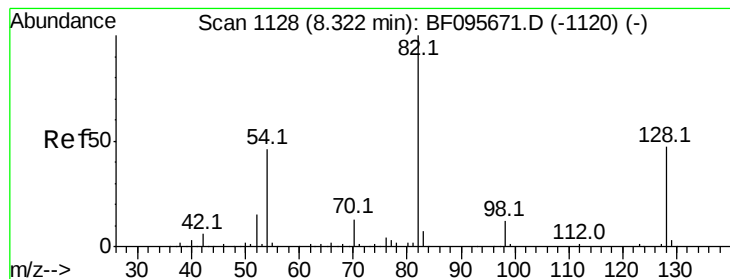
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.42 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

Instrument :

BNA_F

ClientSampleId :

PB99721BL

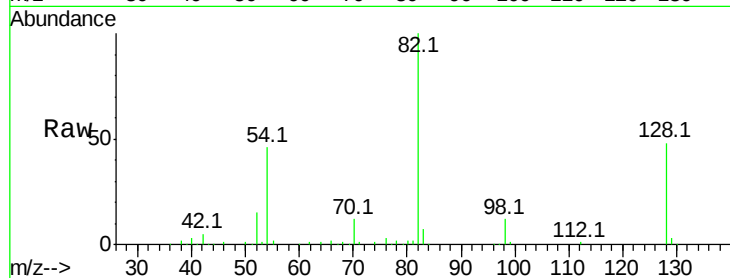
Tot Ion: 82 Resp: 399374

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

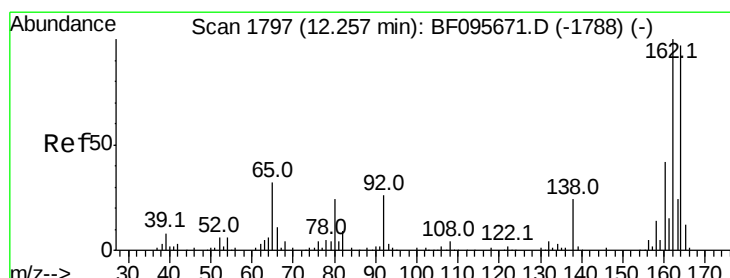
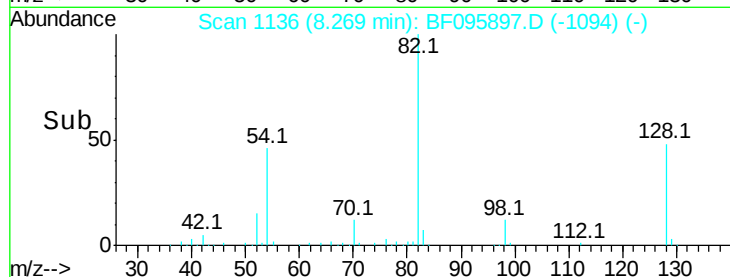
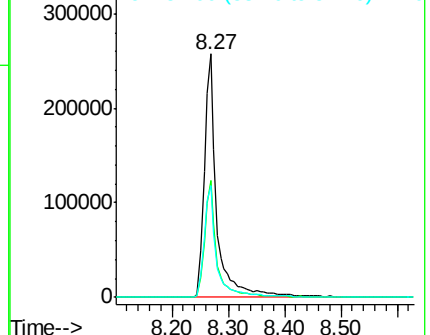
54 46.2 42.2 63.2



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# 1804

Delta R.T. -0.06 min

Lab File: BF095897.D

Acq: 13 Jun 2017 16:55

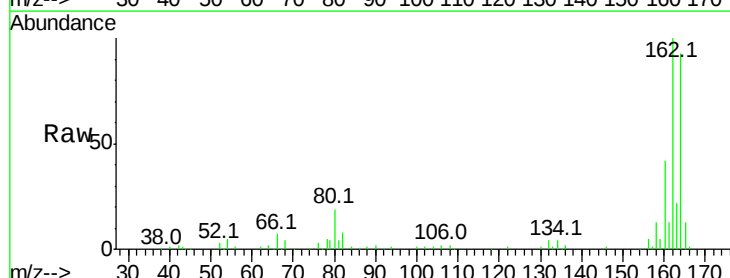
Tgt Ion:164 Resp: 135652

Ion Ratio Lower Upper

164 100

162 107.5 82.6 123.8

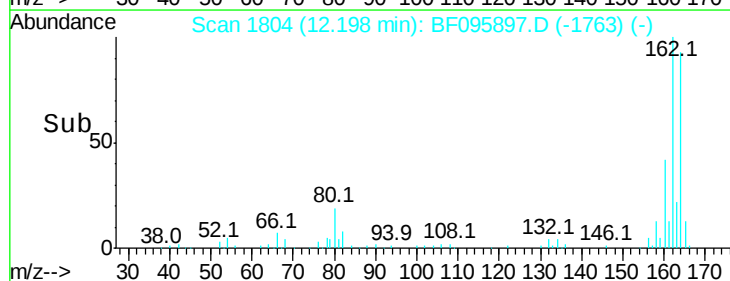
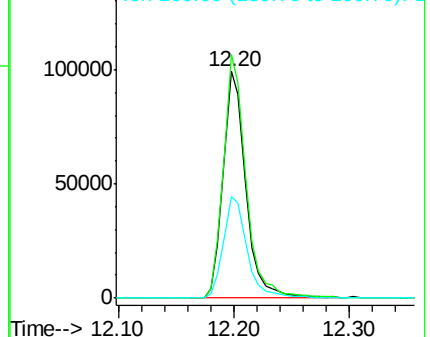
160 44.8 36.2 54.2



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

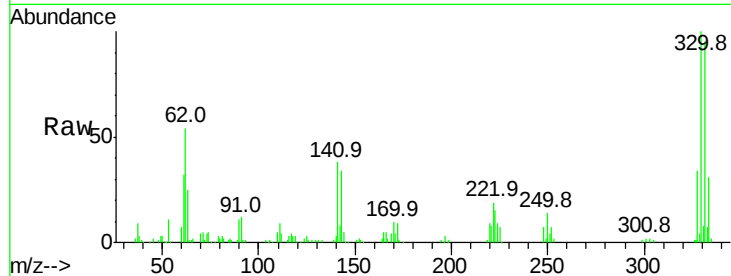




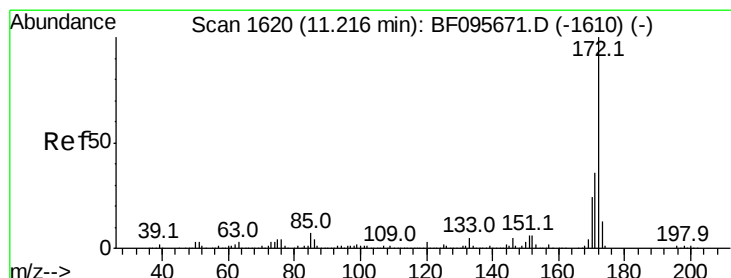
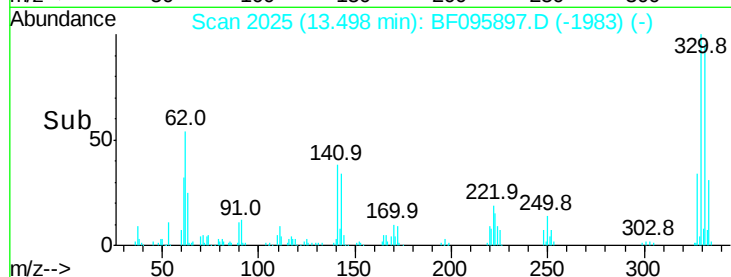
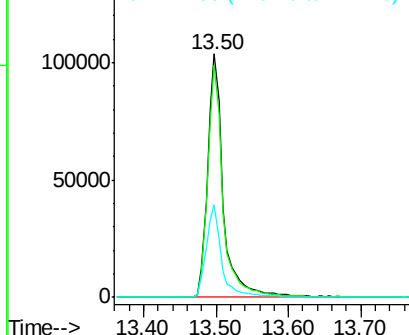
#41
 2,4,6-Tribromophenol
 Concen: 129.31 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BL

Tot Ion:330 Resp: 155202
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 37.1 31.4 47.2

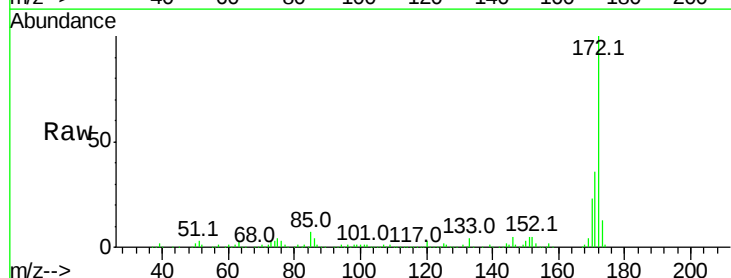


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

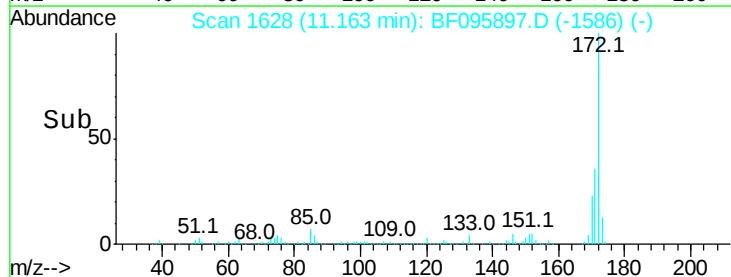
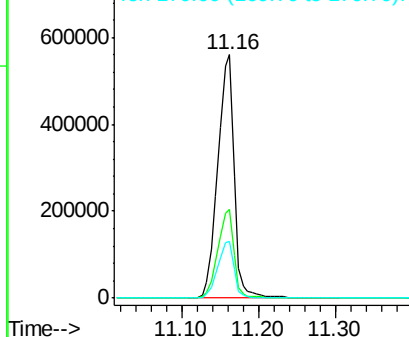


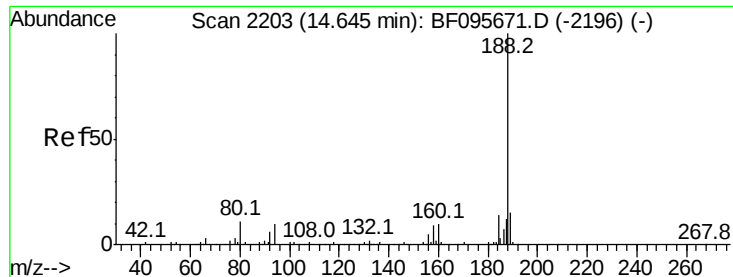
#44
 2-Fluorobiphenyl
 Concen: 84.58 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Tgt Ion:172 Resp: 824463
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.4 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

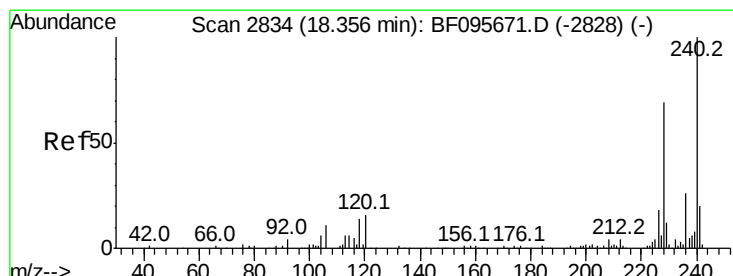
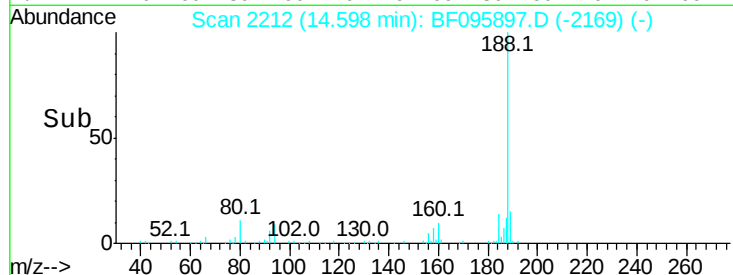
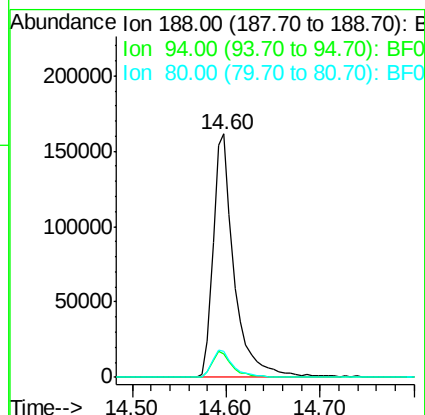
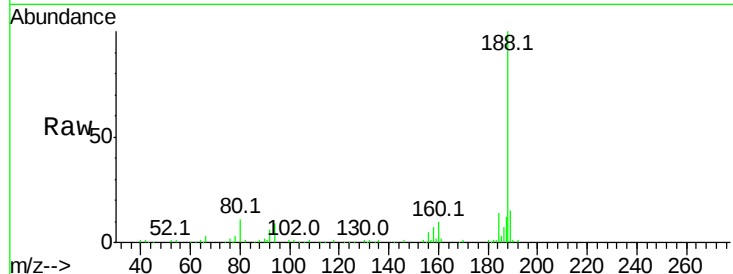




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

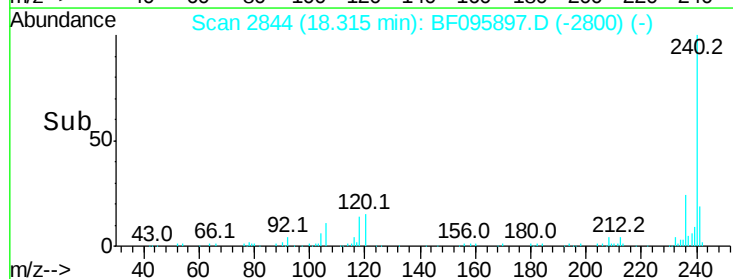
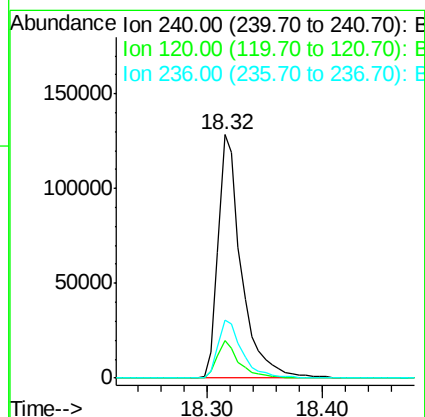
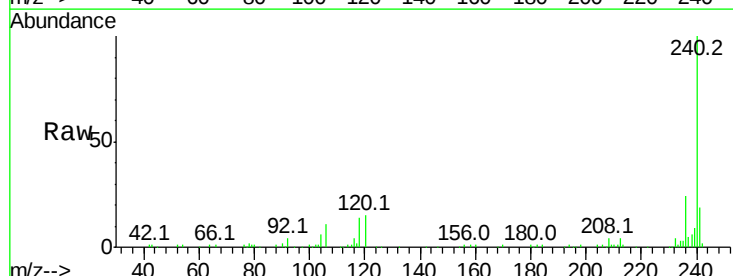
Instrument :
BNA_F
ClientSampleId :
PB99721BL

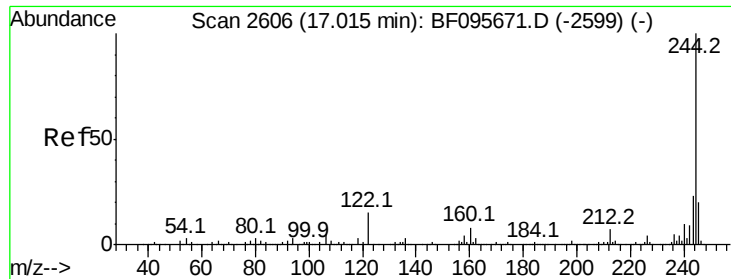
Tot Ion:188 Resp: 254113
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095897.D
Acq: 13 Jun 2017 16:55

Tgt Ion:240 Resp: 179608
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 24.0 20.5 30.7

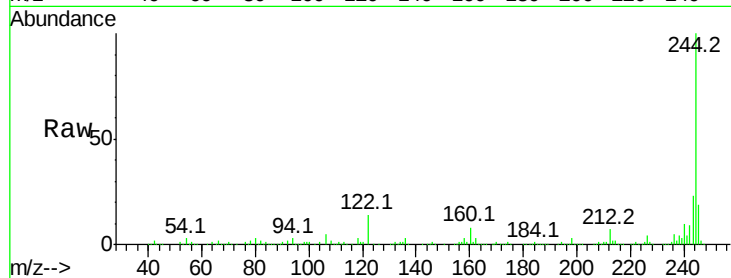




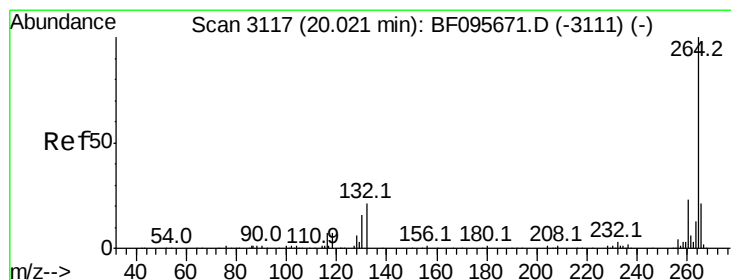
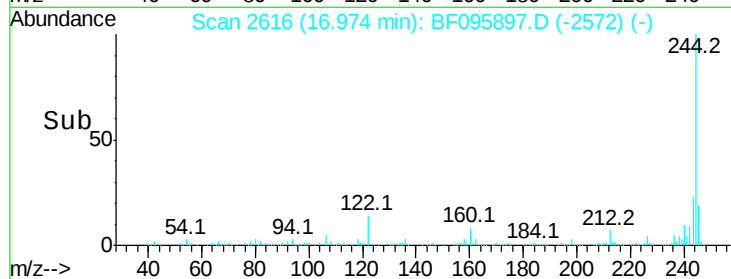
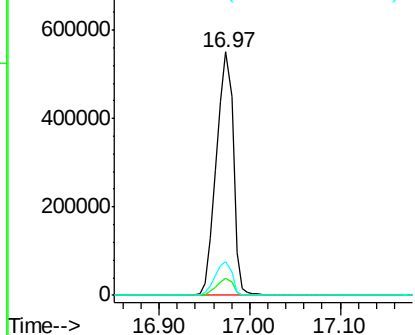
#78
 Terphenyl-d14
 Concen: 98.15 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BL

Tot Ion:244 Resp: 710356
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5

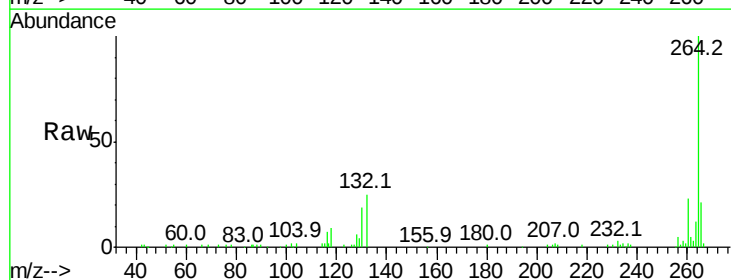


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095897.D
 Acq: 13 Jun 2017 16:55

Tgt Ion:264 Resp: 122308
 Ion Ratio Lower Upper
 264 100
 260 22.6 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

