

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097393.D
 Acq On : 5 Aug 2017 13:21
 Operator : SJ/JU
 Sample : PB101266BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BL

Quant Time: Aug 06 04:23:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	98769	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	442024	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	196264	20.00	ng	-0.09
63) Phenanthrene-d10	10.92	188	328425	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	280772	20.00	ng	-0.09
86) Perylene-d12	14.88	264	205997	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	794302	121.23	ng	-0.06
7) Phenol-d6	6.10	99	960040	128.35	ng	-0.07
23) Nitrobenzene-d5	6.99	82	560650	74.41	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	179444	115.72	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	958202	82.86	ng	-0.08
78) Terphenyl-d14	12.50	244	772154	56.07	ng	-0.08

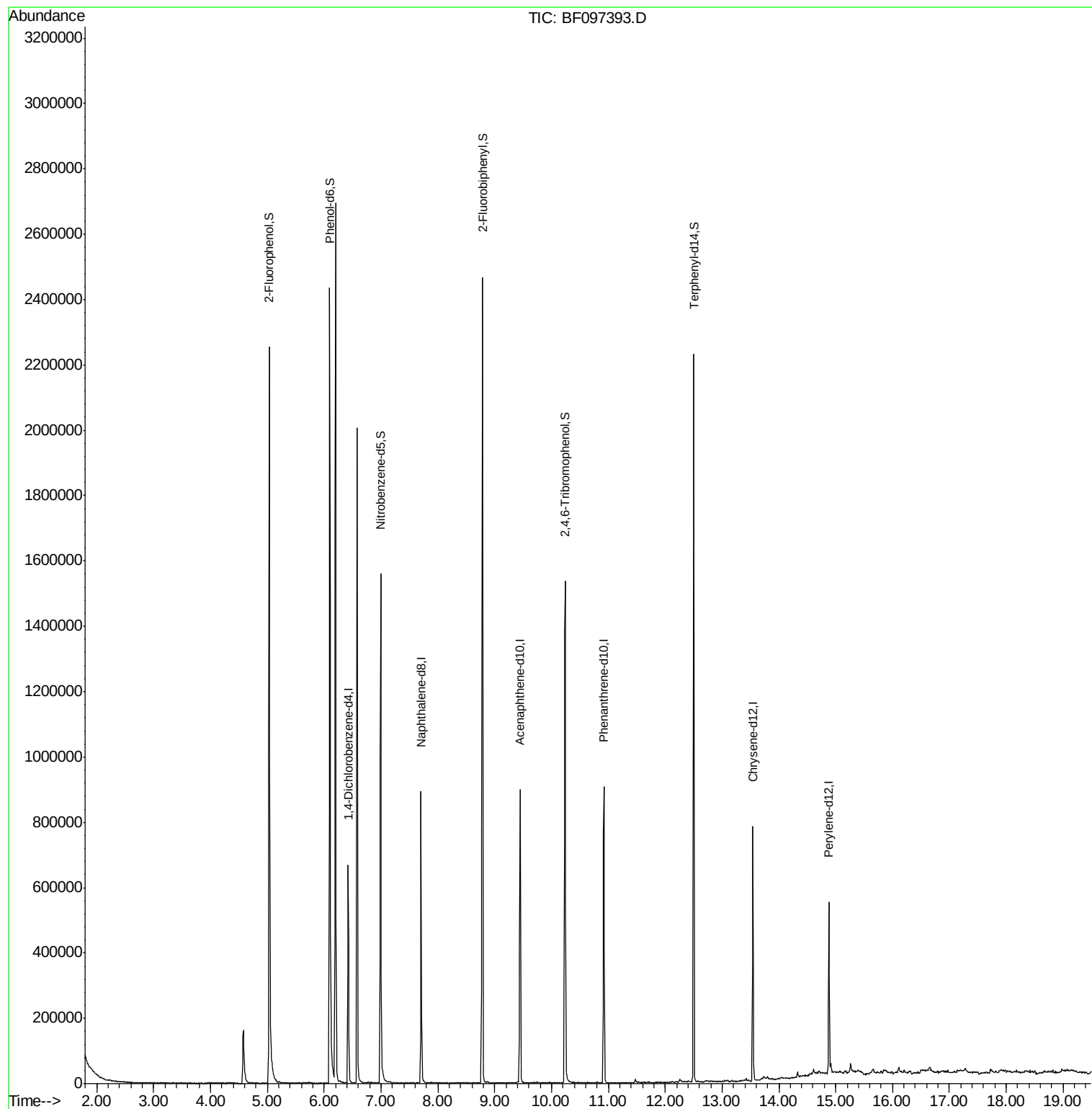
Target Compounds Qvalue

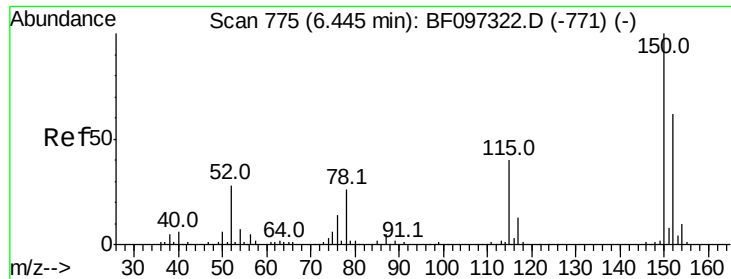
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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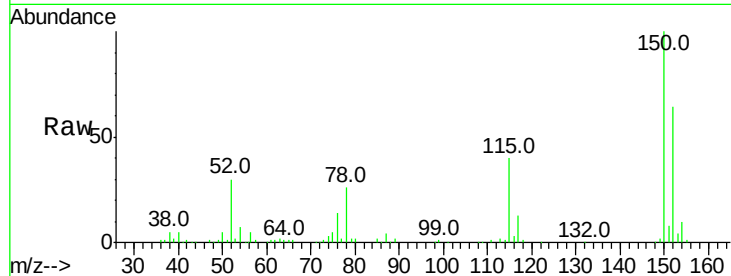


#1

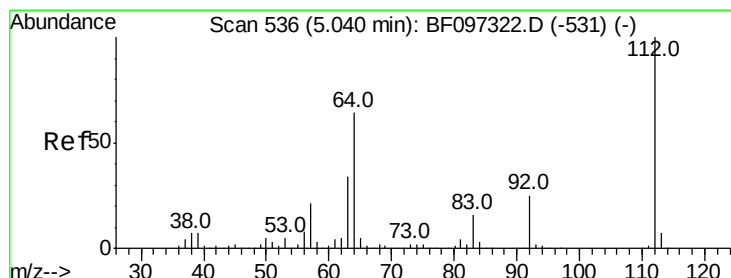
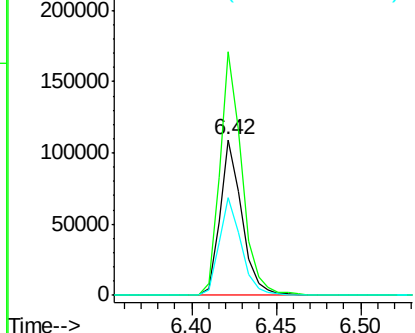
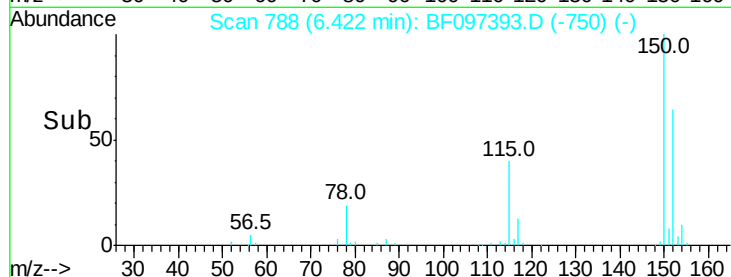
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.08 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BL

Tot Ion:152 Resp: 98769
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 62.6 52.2 78.2



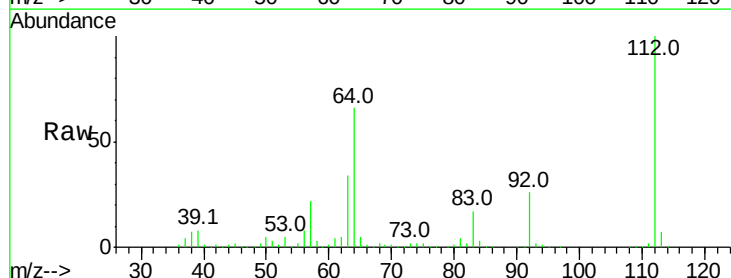
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



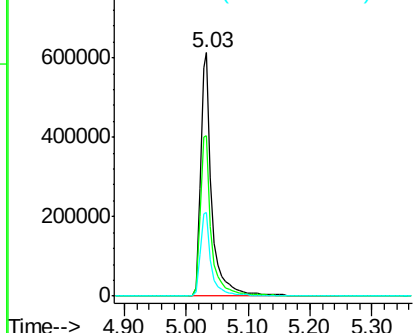
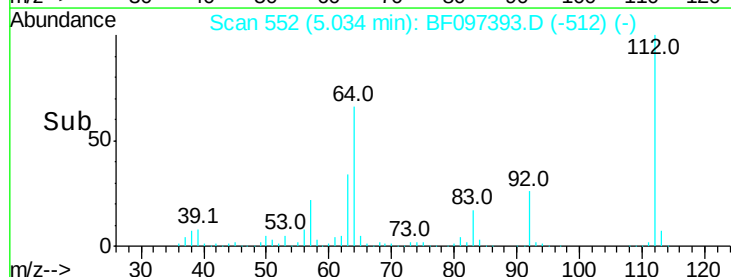
#5

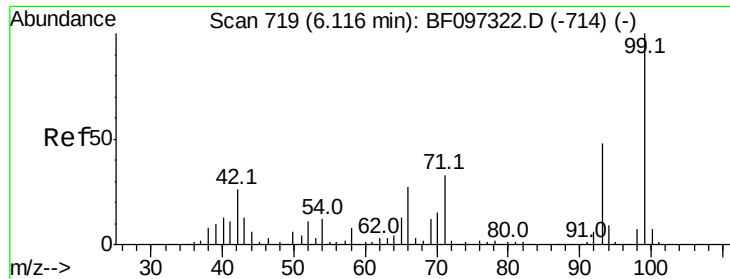
2-Fluorophenol
 Concen: 121.232 ng
 RT: 5.03 min Scan# 552
 Delta R.T. -0.06 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Tgt Ion:112 Resp: 794302
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 34.3 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: 128.352 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB101266BL

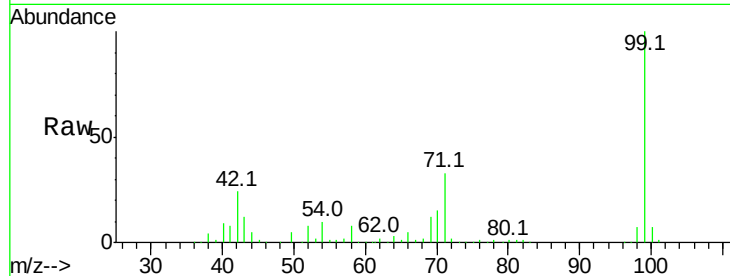
Tot Ion: 99 Resp: 960040

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

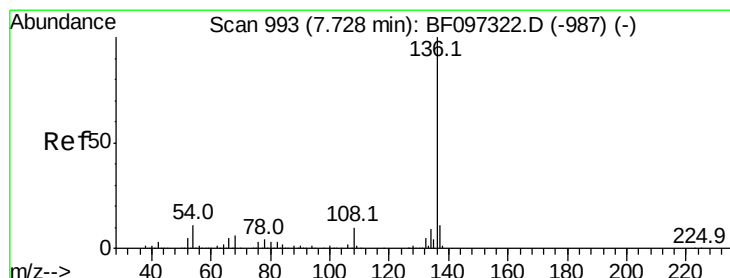
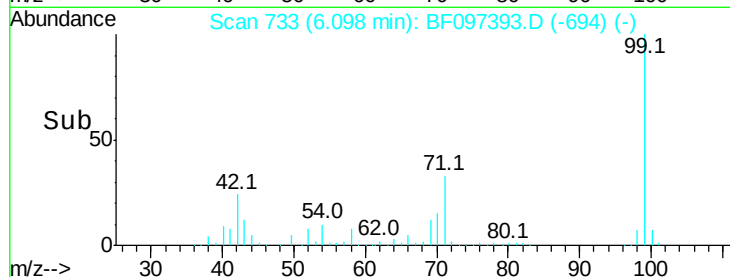
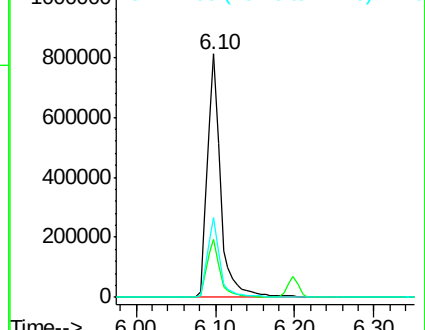
71 32.9 24.5 36.7



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: 20.000 ng

RT: 7.70 min Scan# 1006

Delta R.T. -0.08 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

Tgt Ion: 136 Resp: 442024

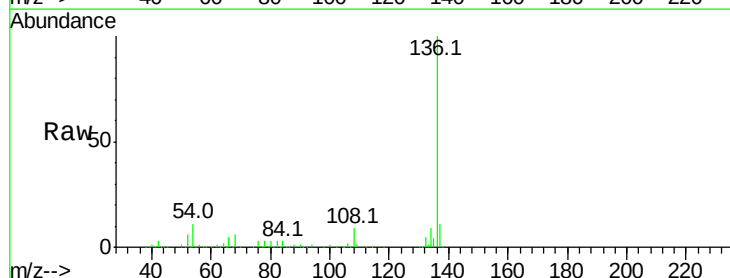
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 4.9 7.3#

68 6.1 4.1 6.1

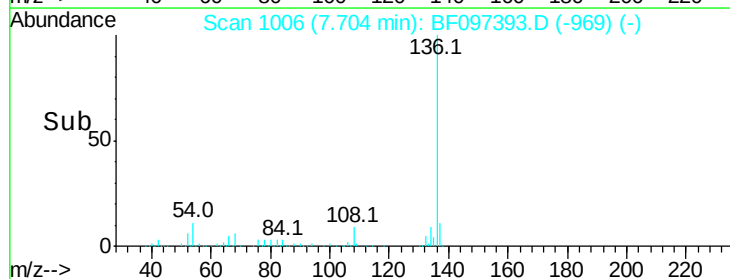
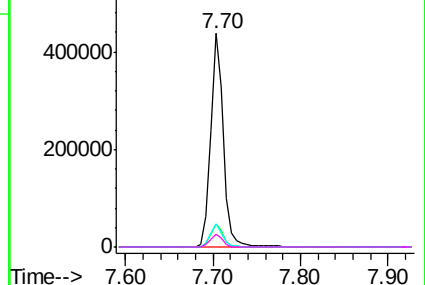


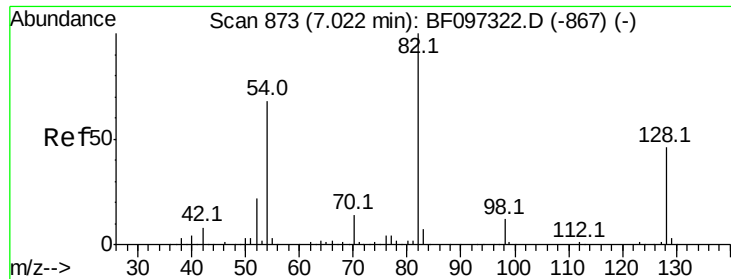
Abundance Ion 136.00 (135.70 to 136.70): E

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

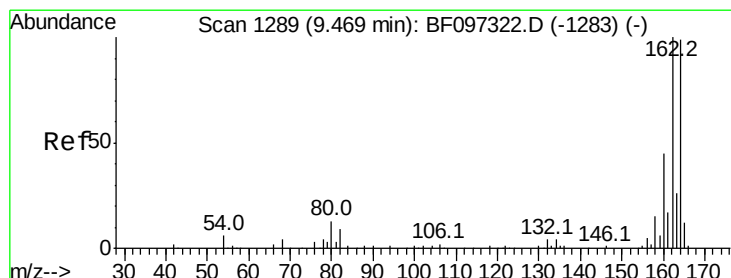
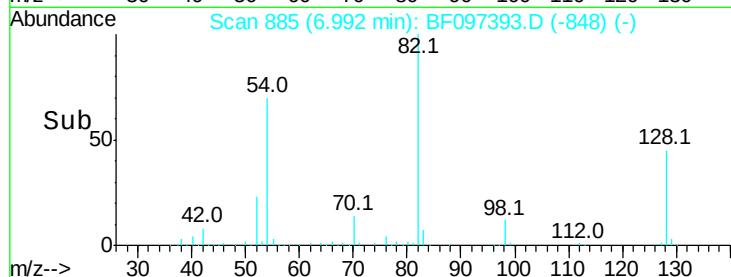
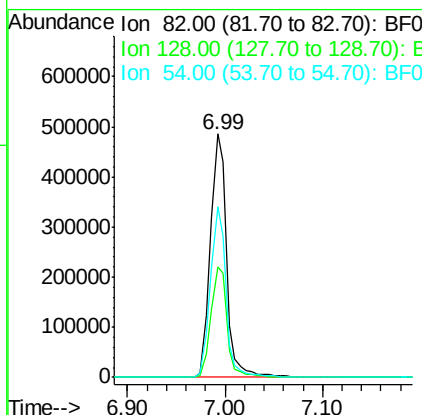
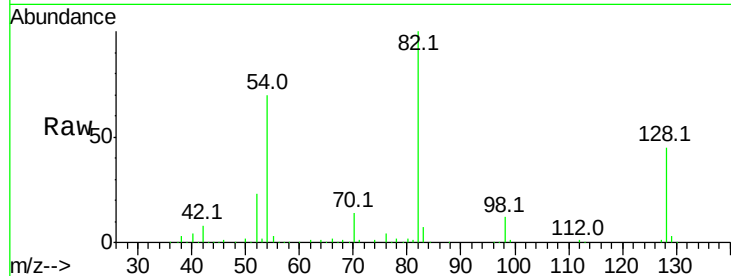




#23
 Nitrobenzene-d5
 Concen: 74.408 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.08 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

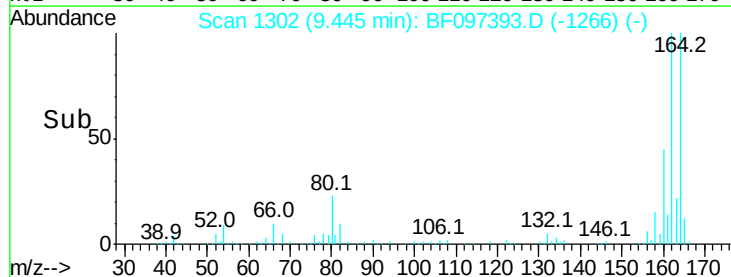
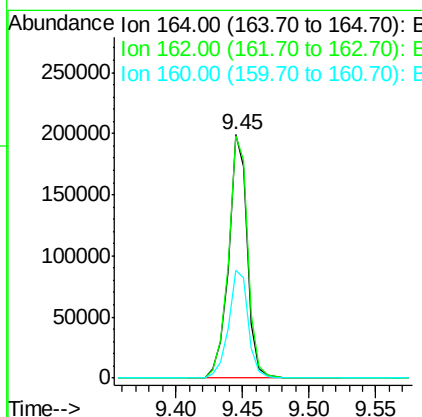
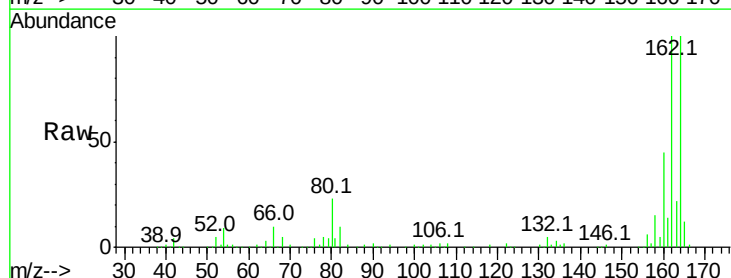
Instrument :
 BNA_F
 ClientSampleId :
 PB101266BL

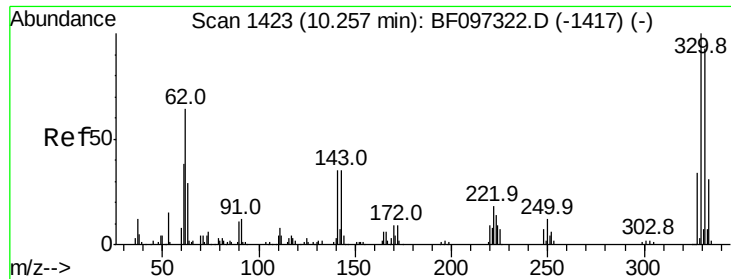
Tot Ion: 82 Resp: 560650
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 70.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.09 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Tgt Ion: 164 Resp: 196264
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 44.5 36.2 54.2

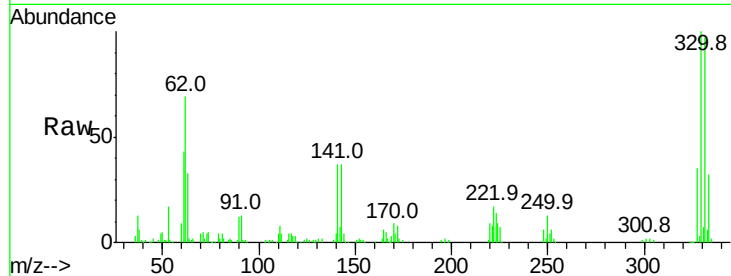




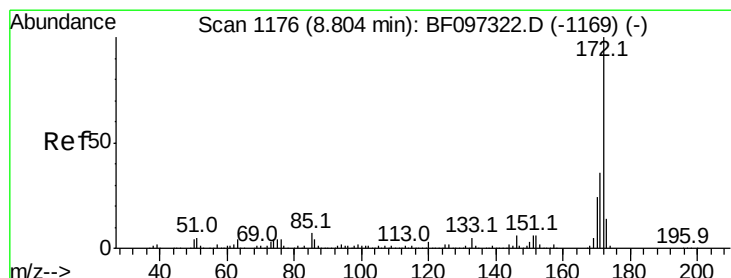
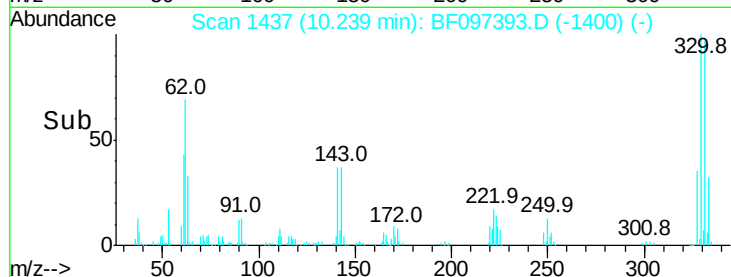
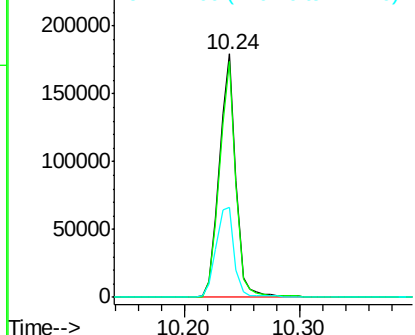
#41
 2,4,6-Tribromophenol
 Concen: 115.720 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB101266BL

Tot Ion:330 Resp: 179444
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 41.0 31.4 47.2

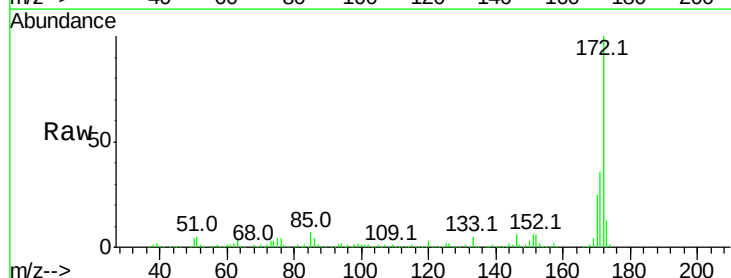


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

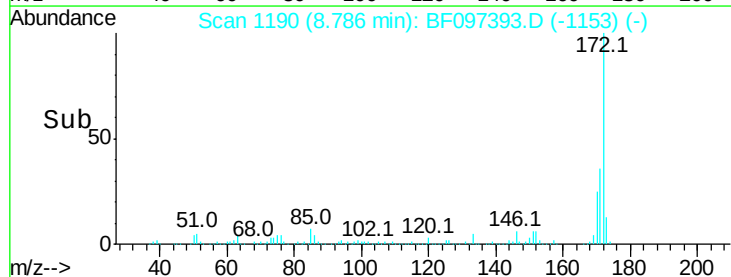
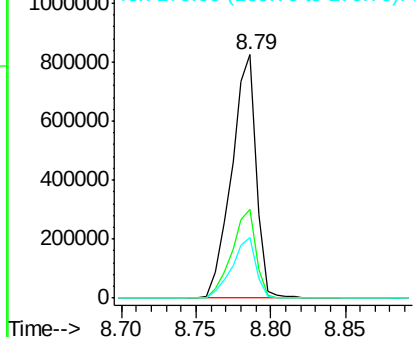


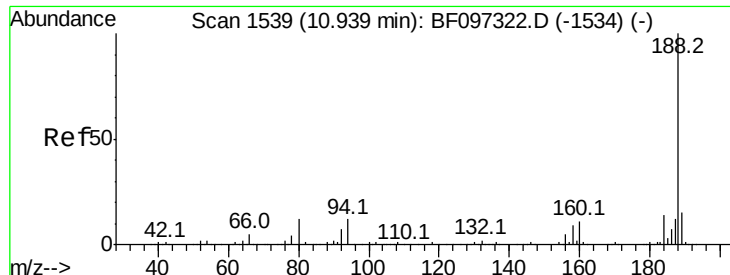
#44
 2-Fluorobiphenyl
 Concen: 82.856 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097393.D
 Acq: 5 Aug 2017 13:21

Tgt Ion:172 Resp: 958202
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.8 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

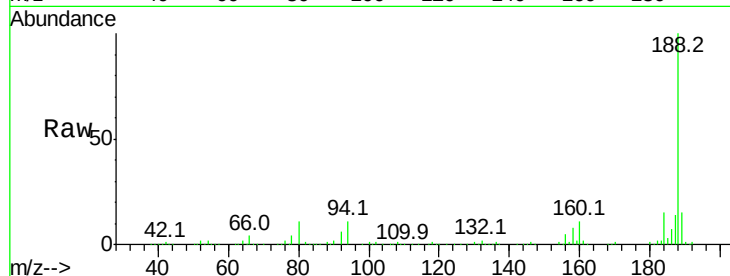




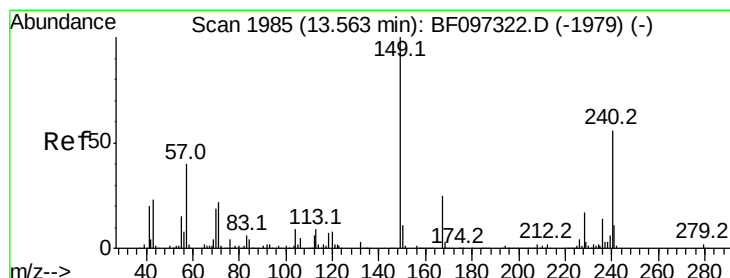
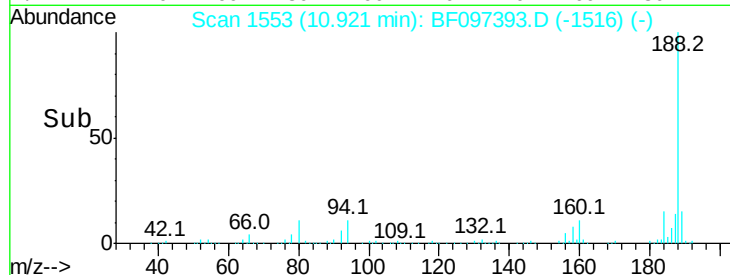
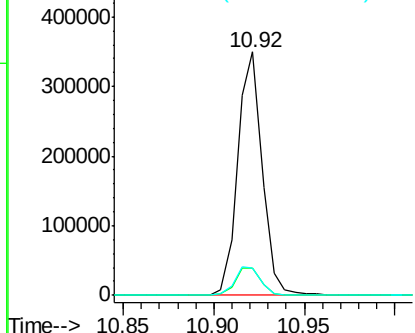
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Instrument :
BNA_F
ClientSampleId :
PB101266BL

Tot Ion:188 Resp: 328425
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.4 10.2 15.2

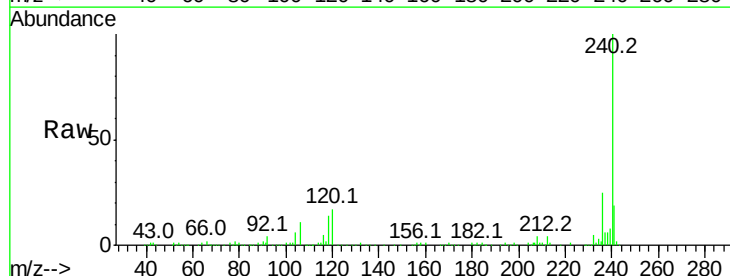


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

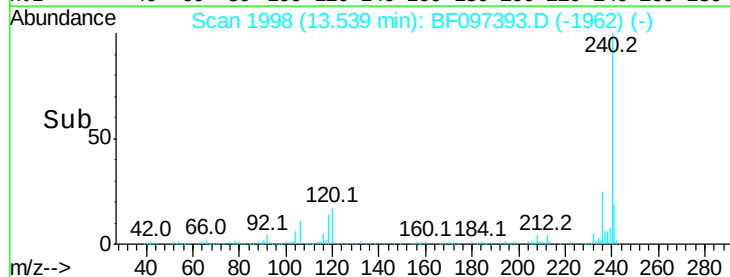
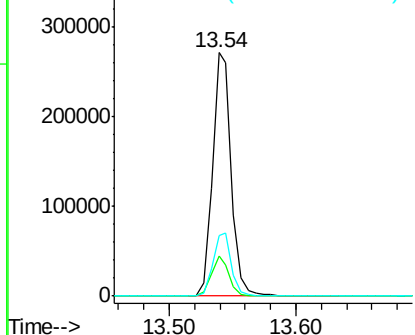


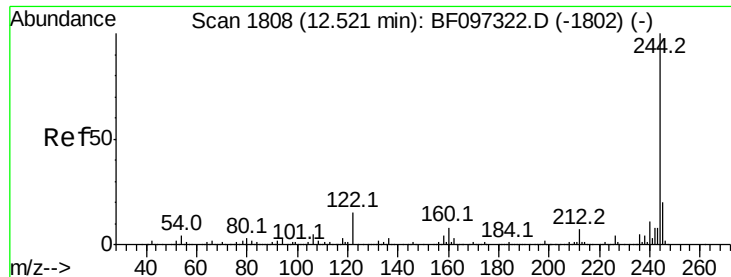
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.09 min
Lab File: BF097393.D
Acq: 5 Aug 2017 13:21

Tgt Ion:240 Resp: 280772
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 24.9 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: 56.071 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB101266BL

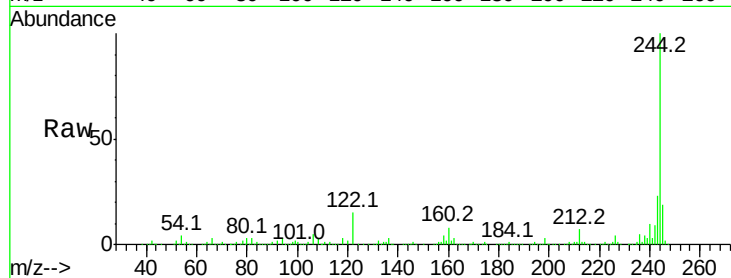
Tot Ion:244 Resp: 772154

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

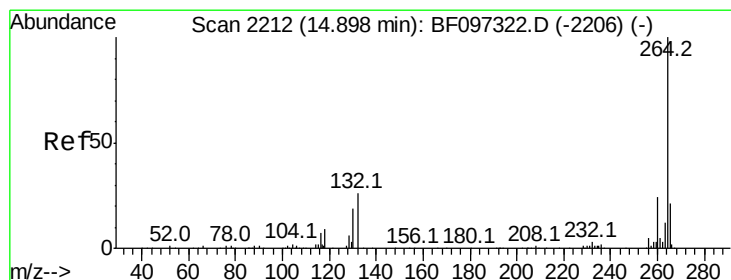
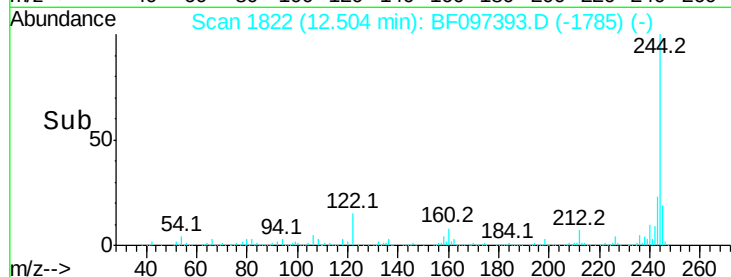
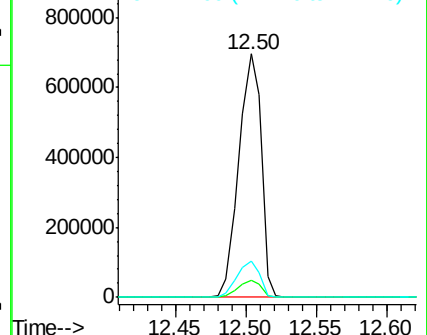
122 14.9 10.3 15.5



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: 20.000 ng

RT: 14.88 min Scan# 2226

Delta R.T. -0.09 min

Lab File: BF097393.D

Acq: 5 Aug 2017 13:21

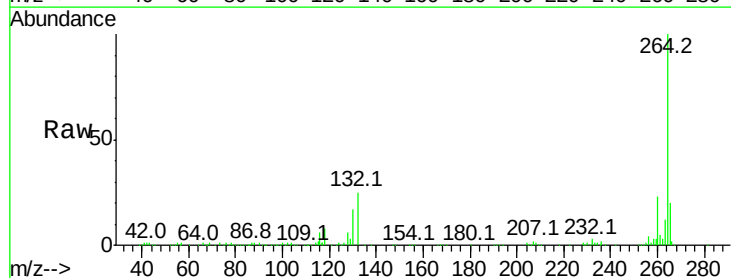
Tgt Ion:264 Resp: 205997

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.4 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

