

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097126.D
 Acq On : 27 Jul 2017 16:56
 Operator : SJ/JU
 Sample : PB101001BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BL

Quant Time: Jul 27 17:33:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88102	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	400708	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	162233	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	251133	20.00	ng	0.00
75) Chrysene-d12	13.61	240	193996	20.00	ng	0.00
86) Perylene-d12	14.96	264	144284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	660244	112.97	ng	0.02
7) Phenol-d6	6.15	99	847061	126.96	ng	0.00
23) Nitrobenzene-d5	7.05	82	525127	76.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	152262	118.79	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	946682	99.03	ng	0.00
78) Terphenyl-d14	12.57	244	680571	71.53	ng	0.00

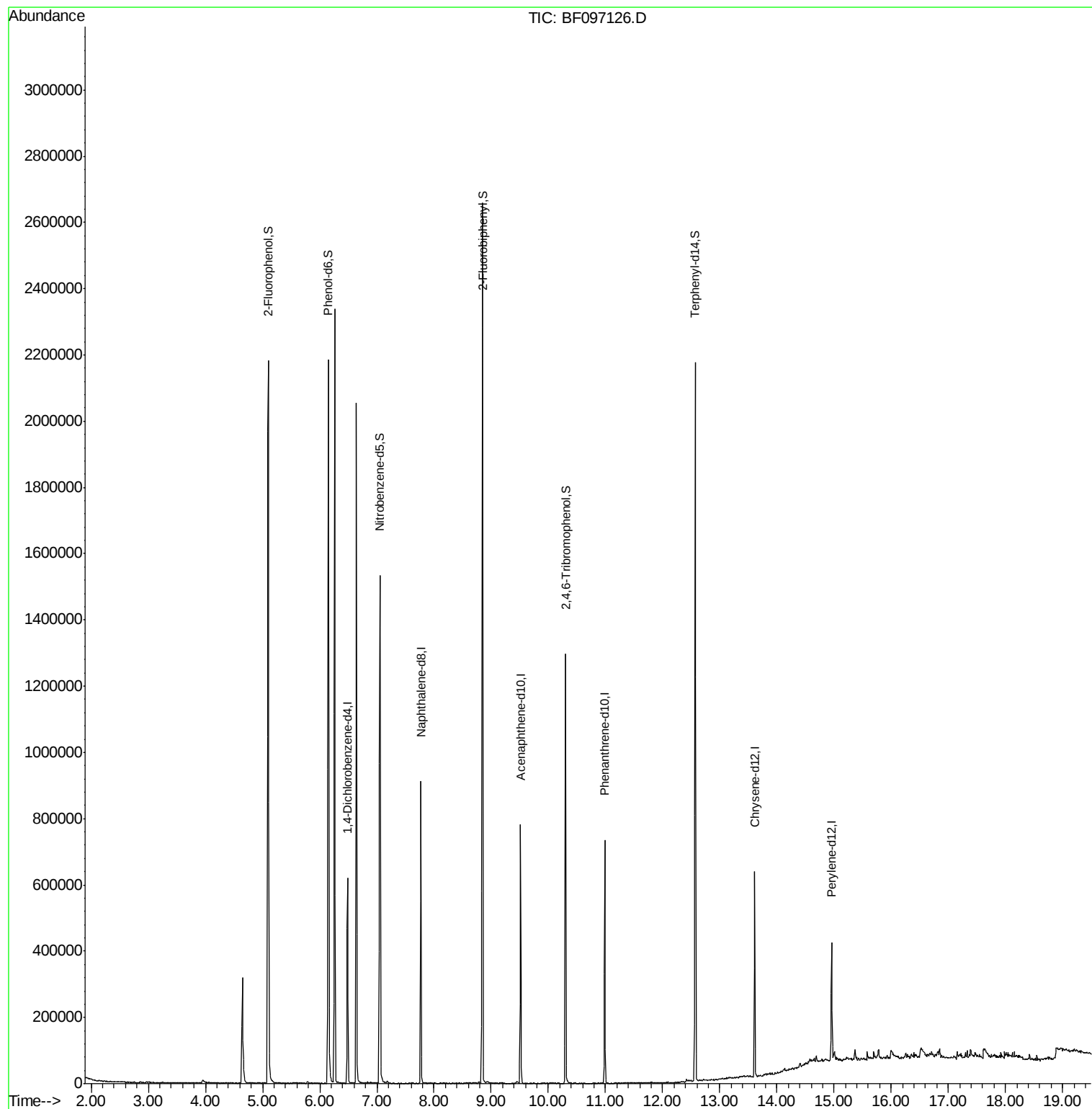
Target Compounds Qvalue

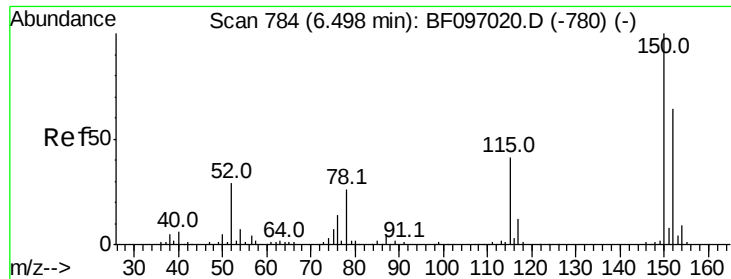
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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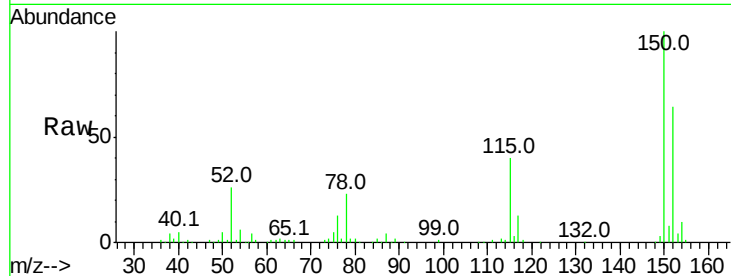


#1

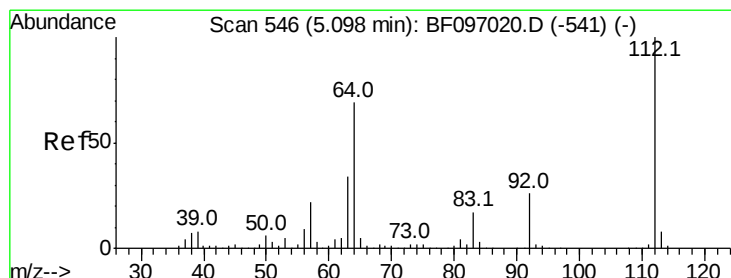
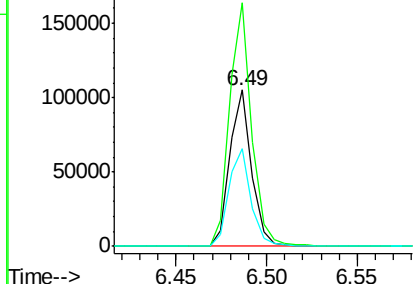
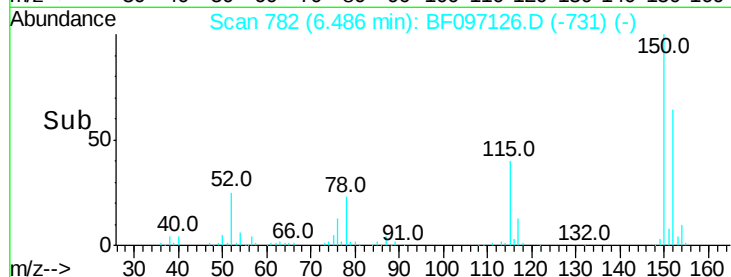
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF097126.D
Acq: 27 Jul 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB101001BL

Tot Ion:152 Resp: 88102
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 62.9 52.2 78.2



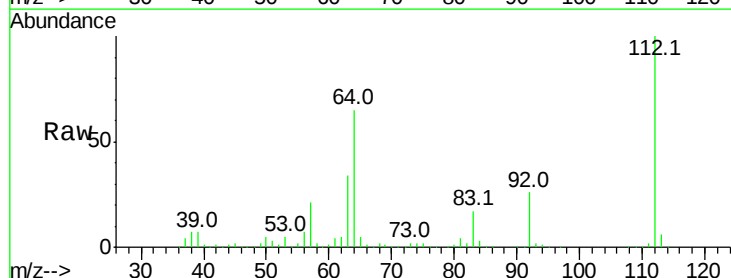
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



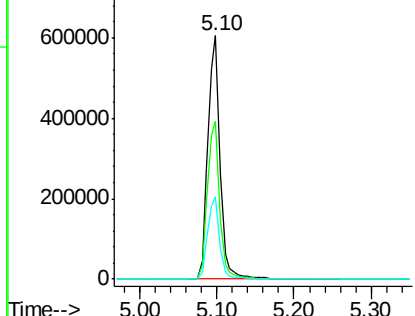
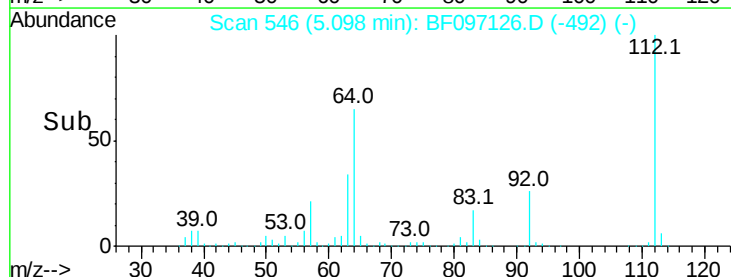
#5

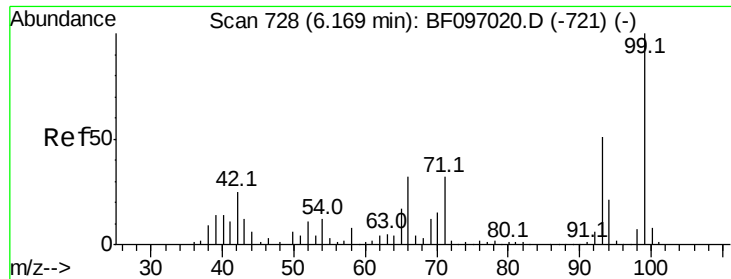
2-Fluorophenol
Concen: 112.972 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF097126.D
Acq: 27 Jul 2017 16:56

Tgt Ion:112 Resp: 660244
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 33.7 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: 126.958 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

Instrument :

BNA_F

ClientSampleId :

PB101001BL

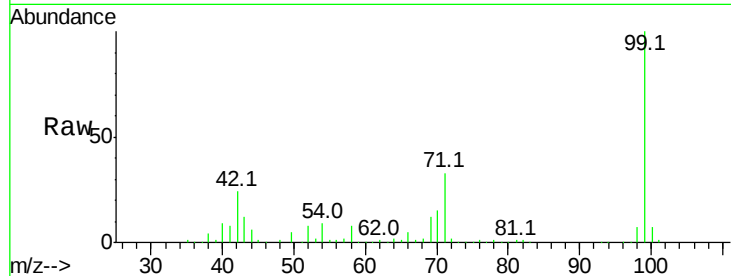
Tot Ion: 99 Resp: 847061

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

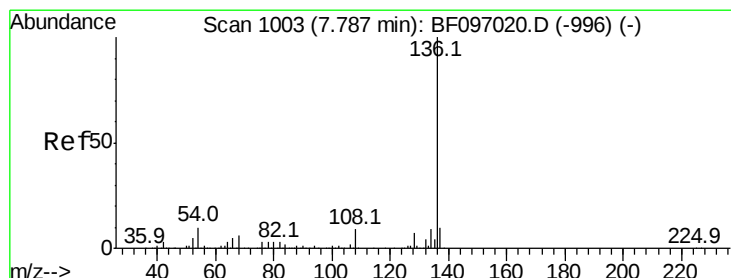
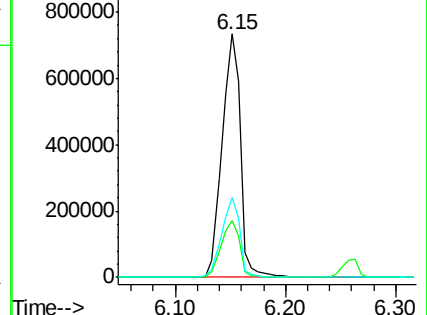
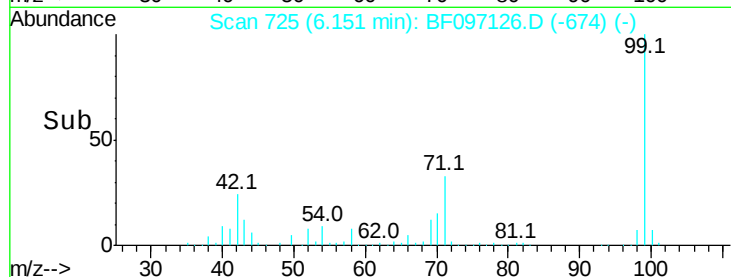
71 32.8 24.5 36.7



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: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

Tgt Ion: 136 Resp: 400708

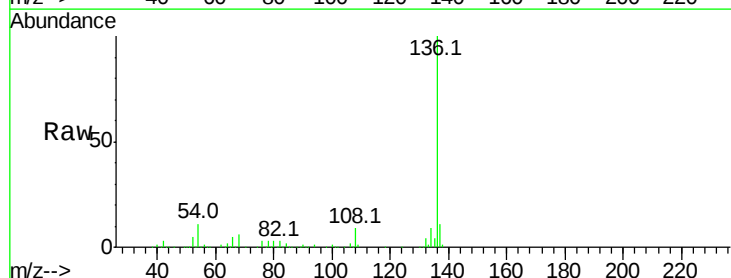
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.7 4.9 7.3#

68 5.5 4.1 6.1

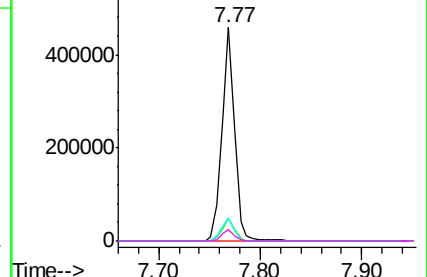
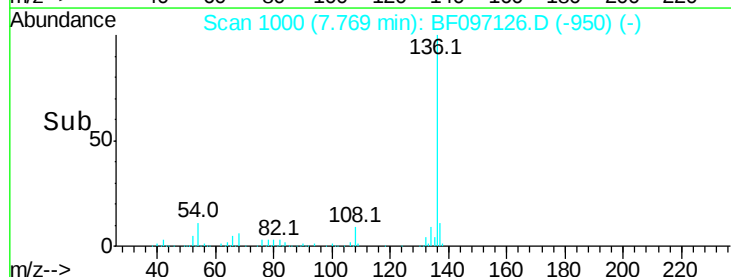


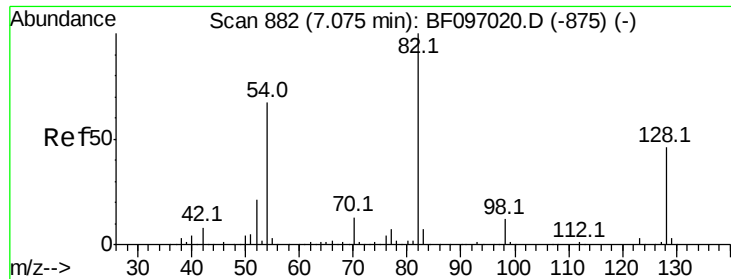
Abundance Ion 136.00 (135.70 to 136.70): E

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

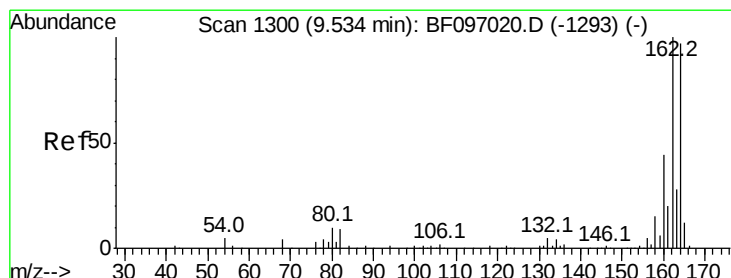
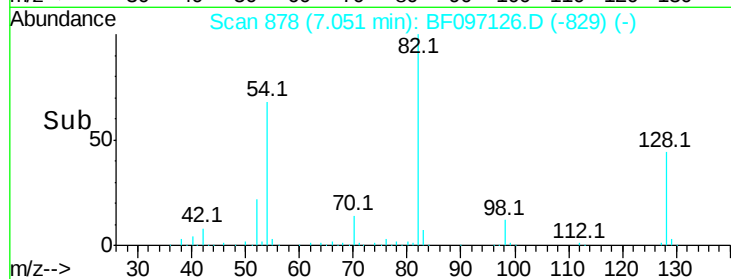
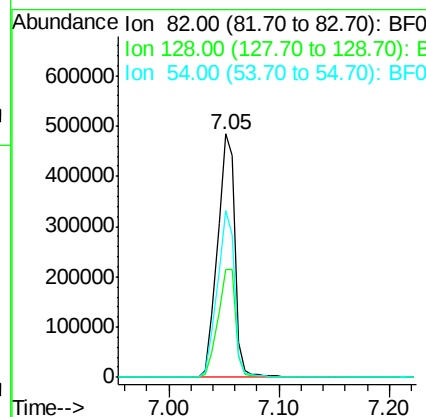
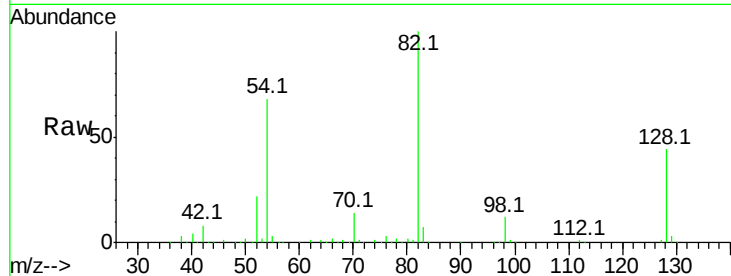




#23
Nitrobenzene-d5
Concen: 76.879 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF097126.D
Acq: 27 Jul 2017 16:56

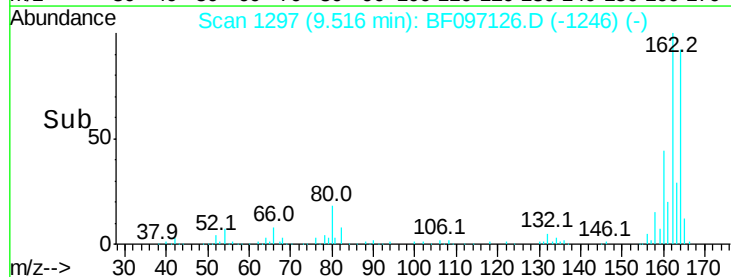
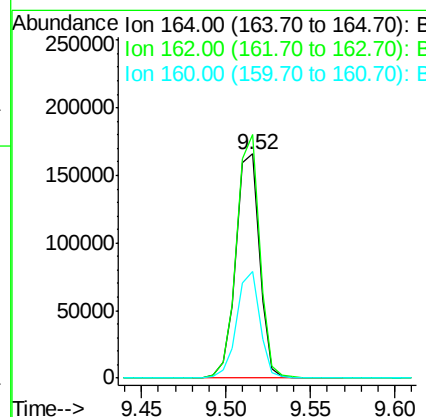
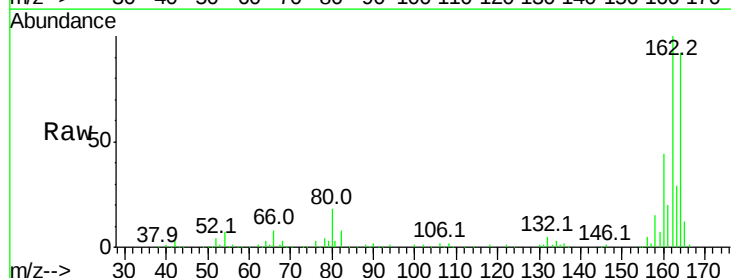
Instrument :
BNA_F
ClientSampleId :
PB101001BL

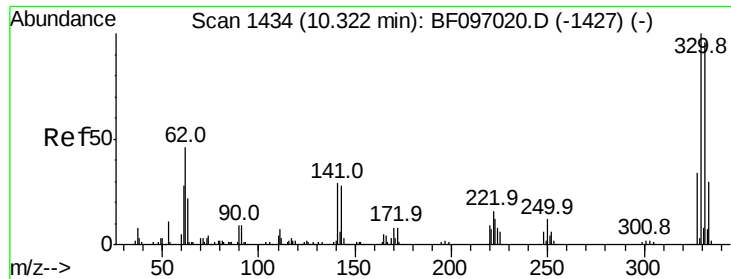
Tot Ion: 82 Resp: 525127
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 68.3 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF097126.D
Acq: 27 Jul 2017 16:56

Tgt Ion: 164 Resp: 162233
Ion Ratio Lower Upper
164 100
162 108.6 82.6 123.8
160 47.3 36.2 54.2

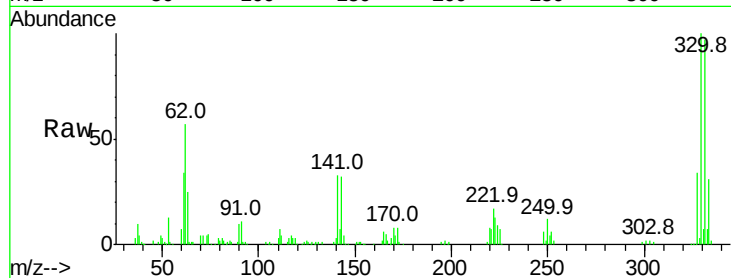




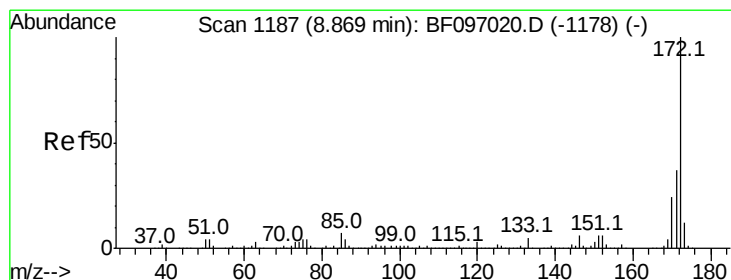
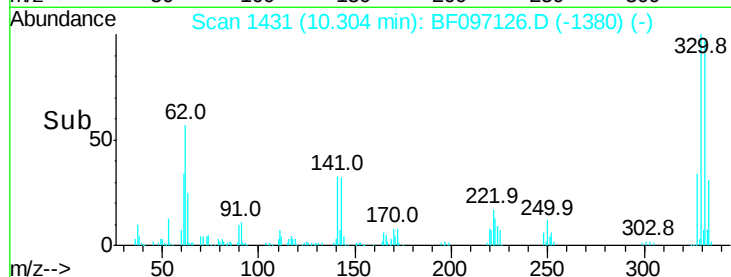
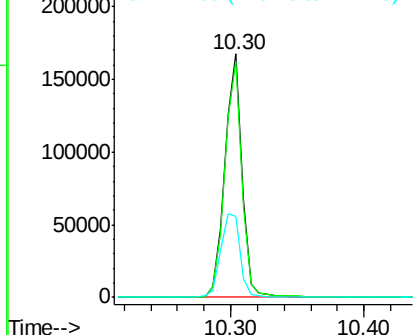
#41
 2,4,6-Tribromophenol
 Concen: 118.788 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF097126.D
 Acq: 27 Jul 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BL

Tot Ion:330 Resp: 152262
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.1 31.4 47.2

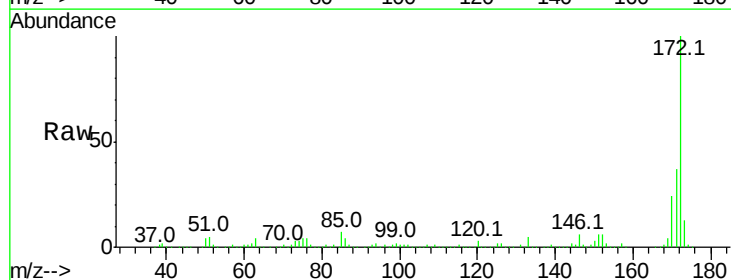


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

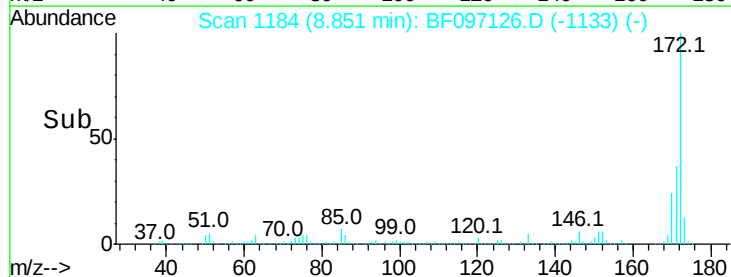
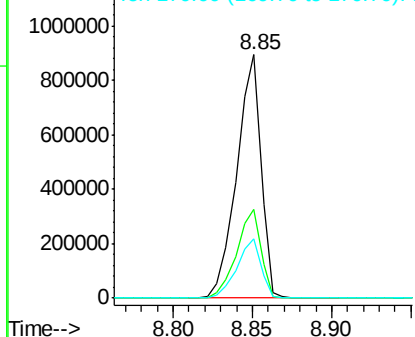


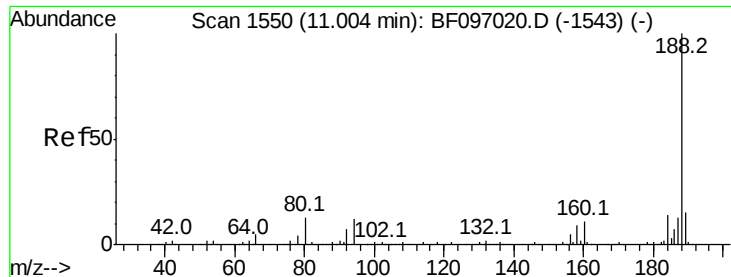
#44
 2-Fluorobiphenyl
 Concen: 99.031 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097126.D
 Acq: 27 Jul 2017 16:56

Tgt Ion:172 Resp: 946682
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 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: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

Instrument :

BNA_F

ClientSampleId :

PB101001BL

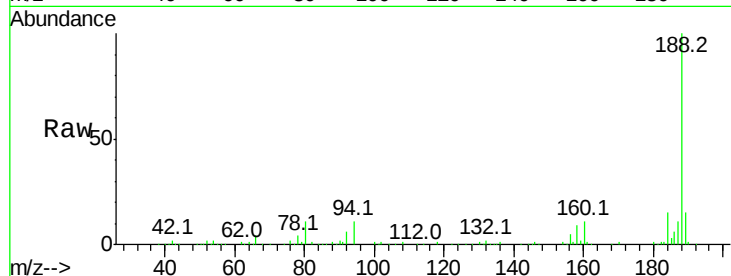
Tot Ion:188 Resp: 251133

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

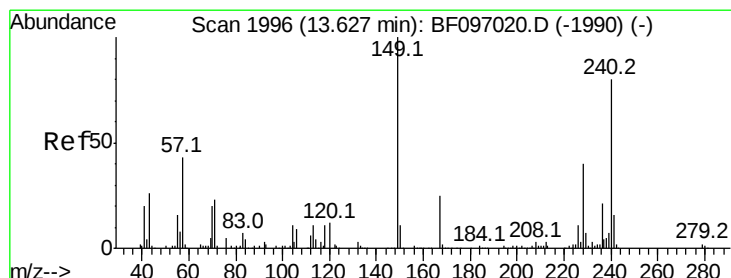
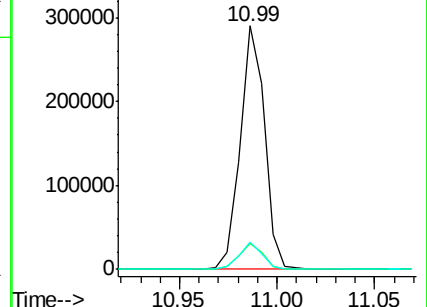
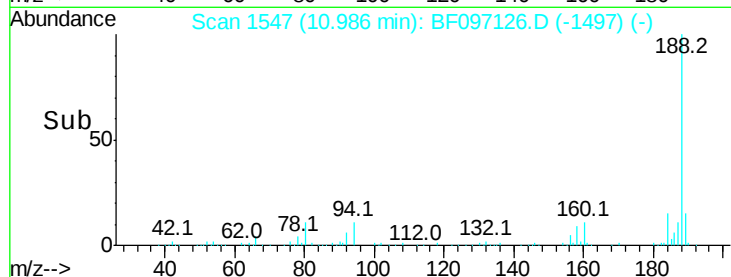
80 11.5 10.2 15.2



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: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

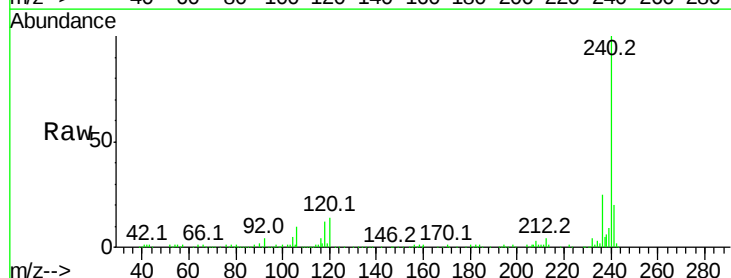
Tgt Ion:240 Resp: 193996

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

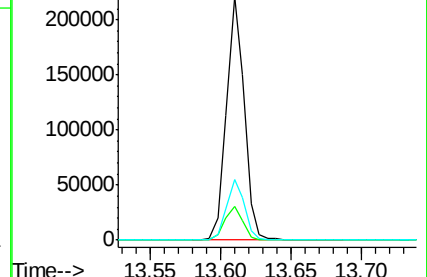
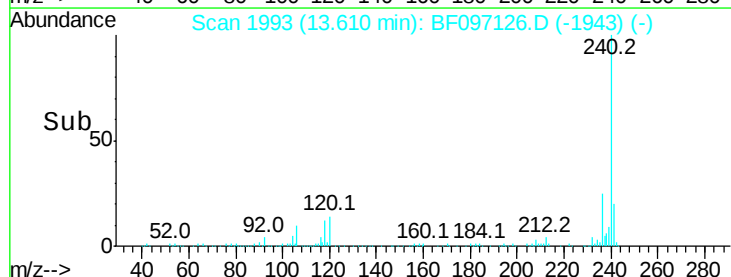
236 24.9 20.5 30.7

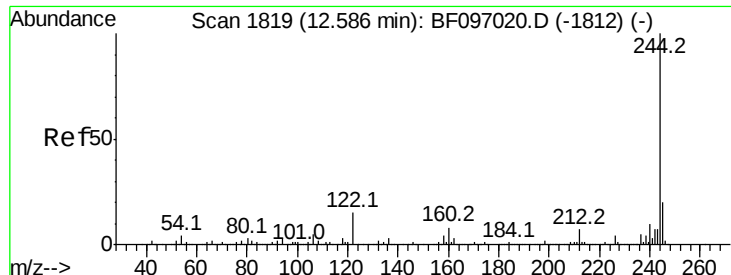


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.526 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

Instrument :

BNA_F

ClientSampleId :

PB101001BL

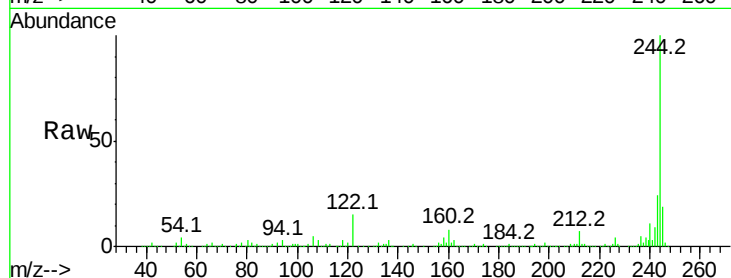
Tot Ion:244 Resp: 680571

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

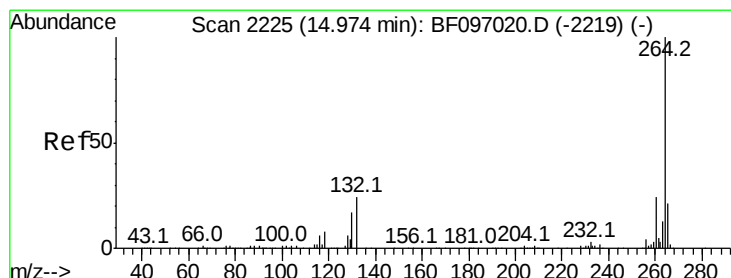
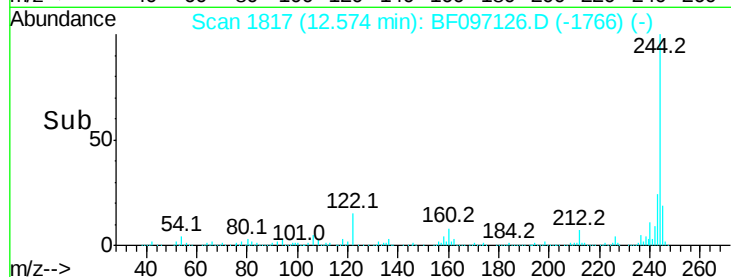
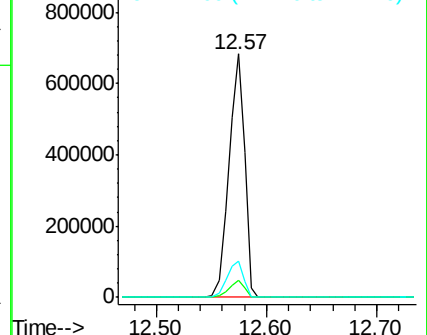
122 14.7 10.3 15.5



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: 20.000 ng

RT: 14.96 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF097126.D

Acq: 27 Jul 2017 16:56

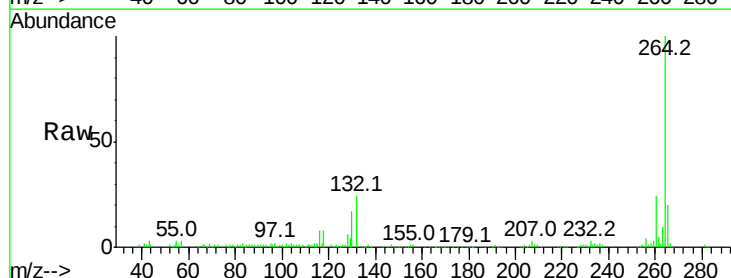
Tgt Ion:264 Resp: 144284

Ion Ratio Lower Upper

264 100

260 24.0 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

