

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097320.D
 Acq On : 3 Aug 2017 14:43
 Operator : SJ/JU
 Sample : I4493-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

Quant Time: Aug 03 15:09:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	103303	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	398738	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	184933	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	254507	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	196857	20.00	ng	-0.01
86) Perylene-d12	14.92	264	155108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	537077	78.38	ng	0.01
7) Phenol-d6	6.12	99	537869	68.75	ng	-0.01
23) Nitrobenzene-d5	7.02	82	417534	61.43	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	113598	77.75	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	644326	59.13	ng	0.00
78) Terphenyl-d14	12.53	244	421727	43.68	ng	-0.01

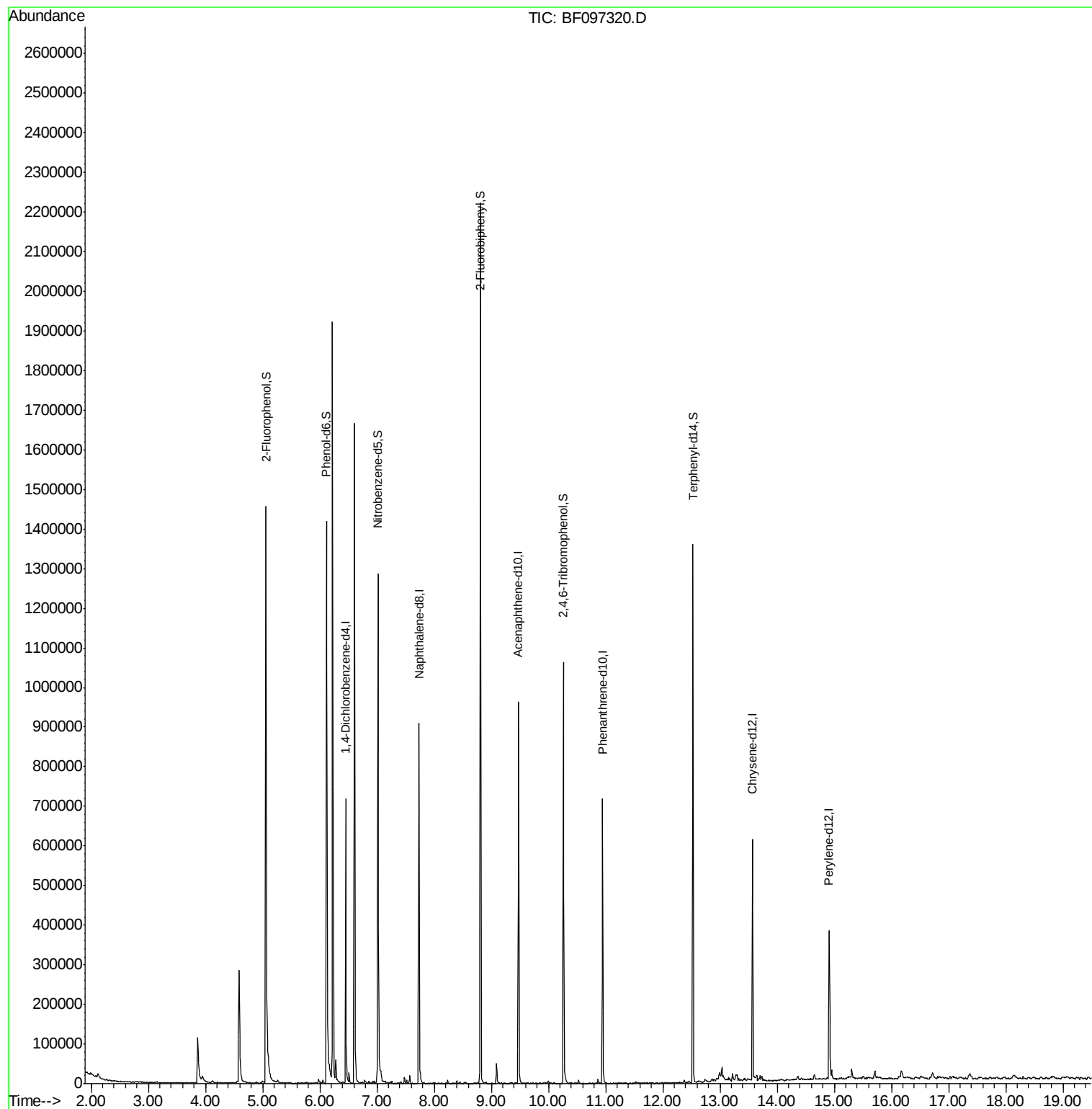
Target Compounds Qvalue

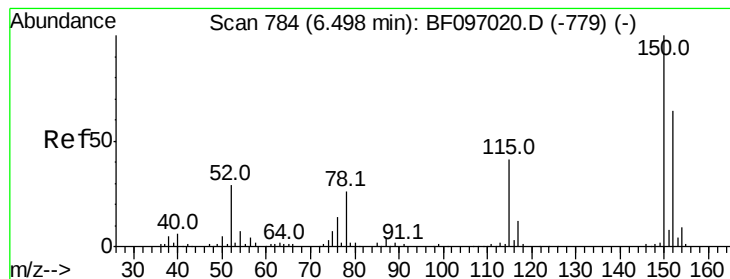
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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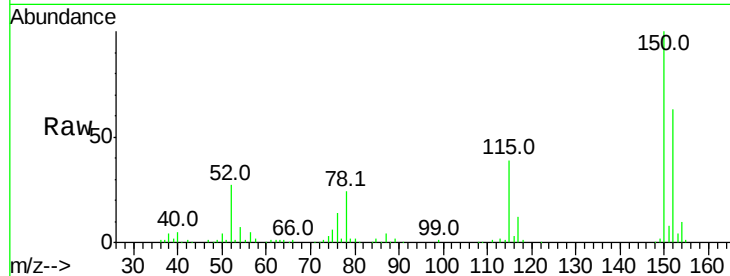


#1

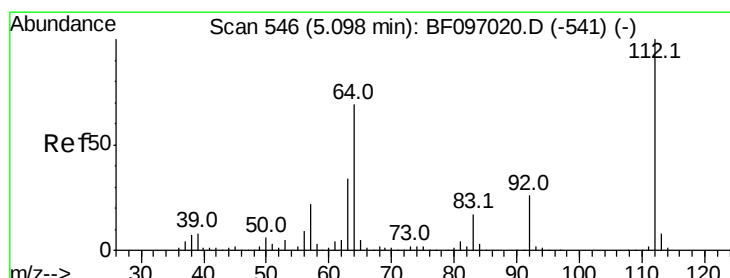
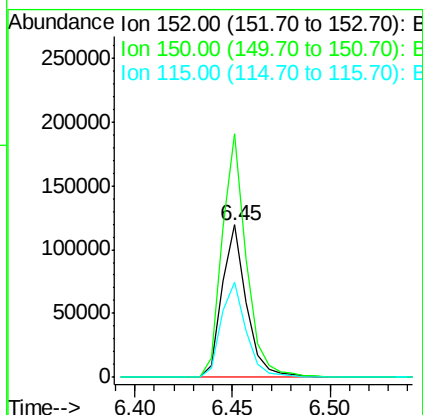
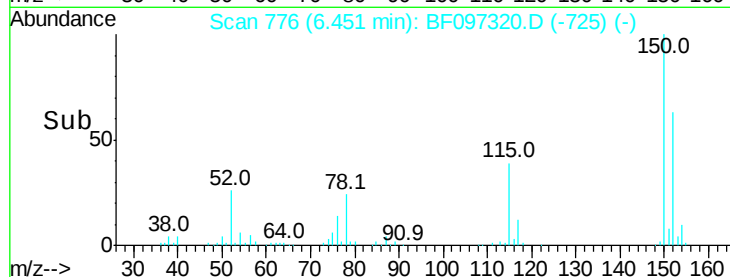
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

Tot Ion:152 Resp: 103303
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 62.3 52.2 78.2



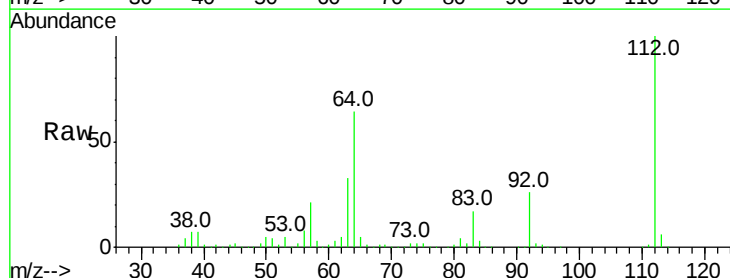
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



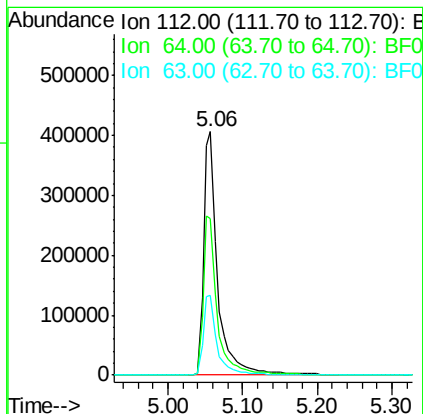
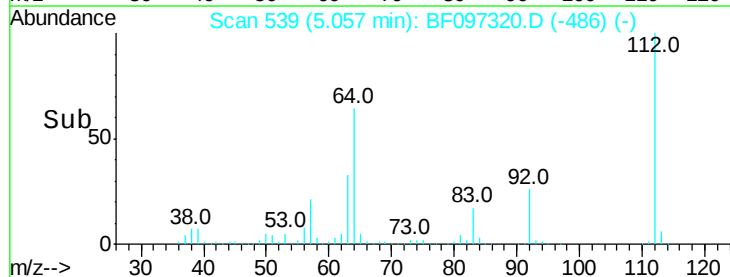
#5

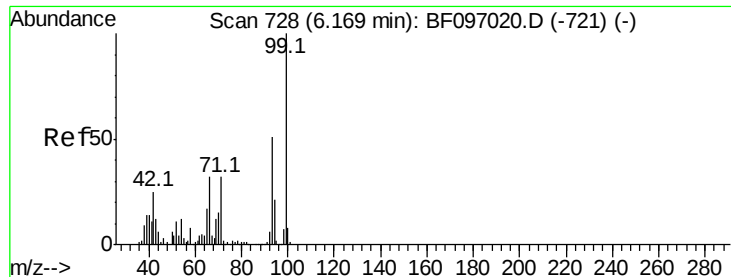
2-Fluorophenol
 Concen: 78.375 ng
 RT: 5.06 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion:112 Resp: 537077
 Ion Ratio Lower Upper
 112 100
 64 64.4 46.0 69.0
 63 32.6 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: 68.754 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampleId :

E2-HS6-ESW

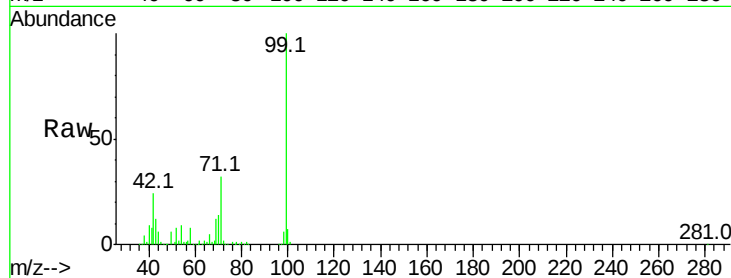
Tot Ion: 99 Resp: 537869

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

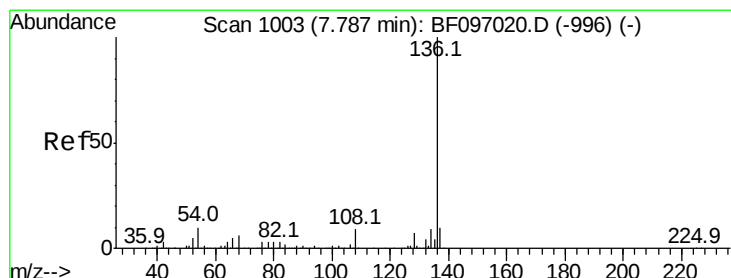
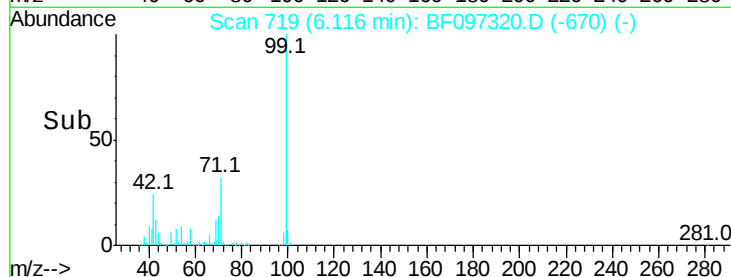
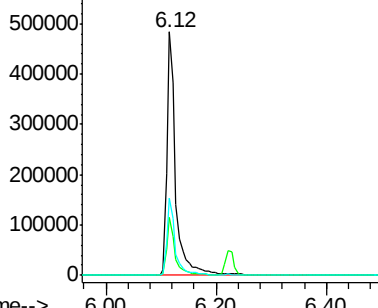
71 31.8 24.5 36.7



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: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Tgt Ion: 136 Resp: 398738

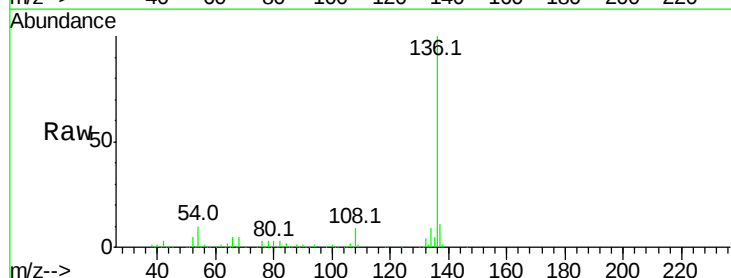
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.0 4.9 7.3#

68 5.5 4.1 6.1

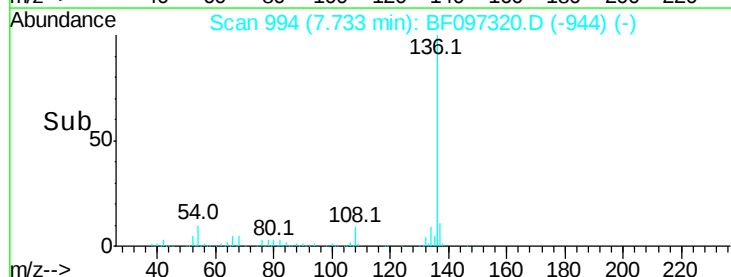
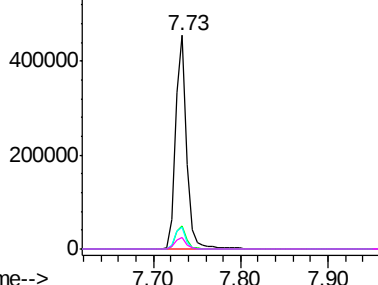


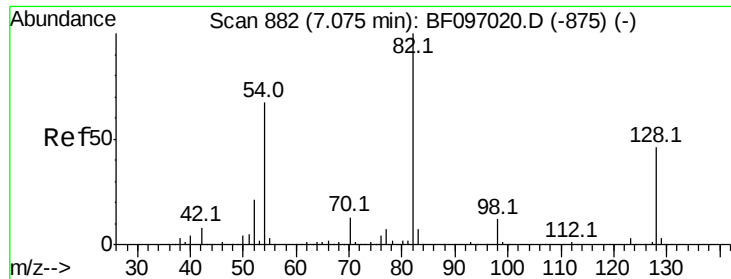
Abundance Ion 136.00 (135.70 to 136.70): E

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

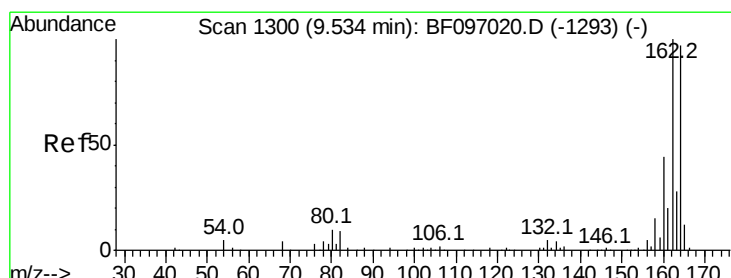
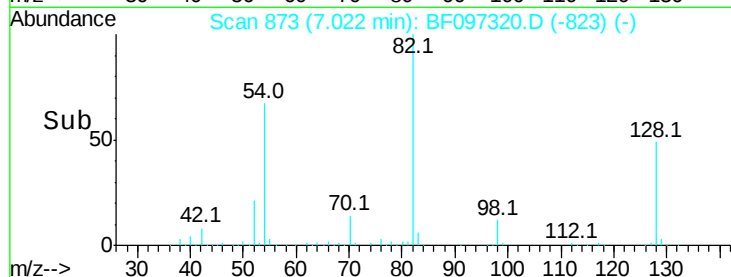
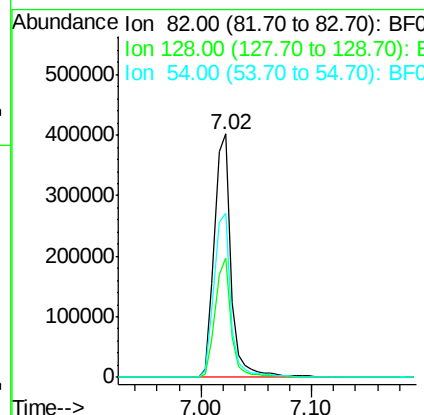
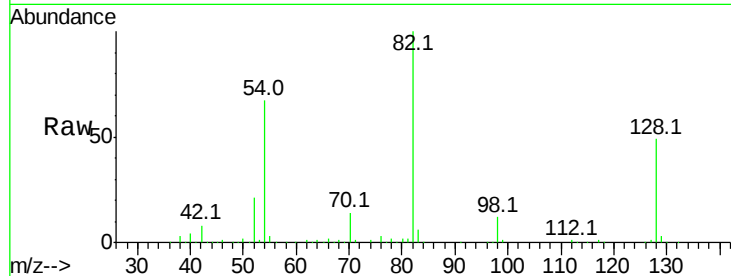




#23
 Nitrobenzene-d5
 Concen: 61.429 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

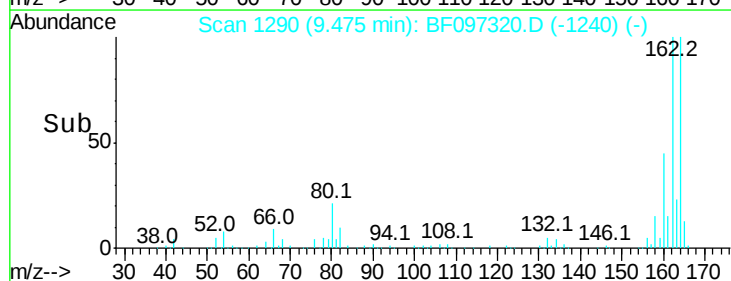
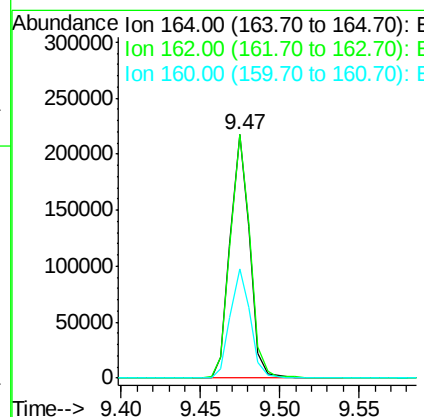
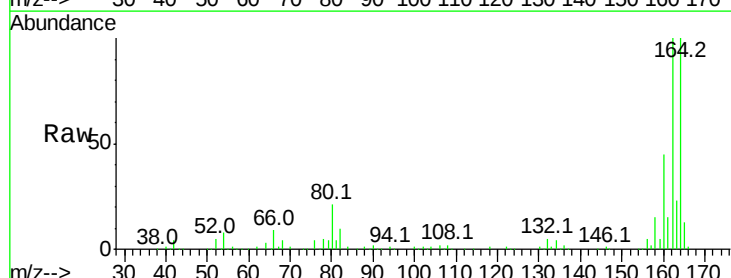
Instrument :
 BNA_F
 ClientSampled :
 E2-HS6-ESW

Tot Ion: 82 Resp: 417534
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 67.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion:164 Resp: 184933
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 45.0 36.2 54.2

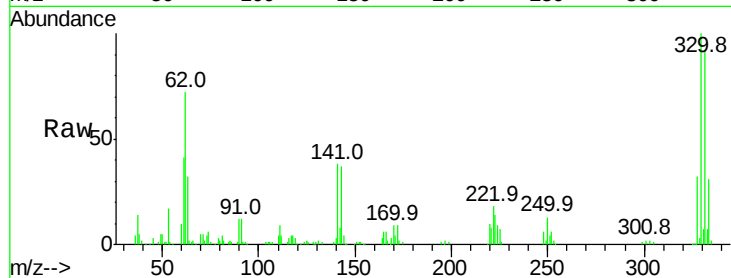




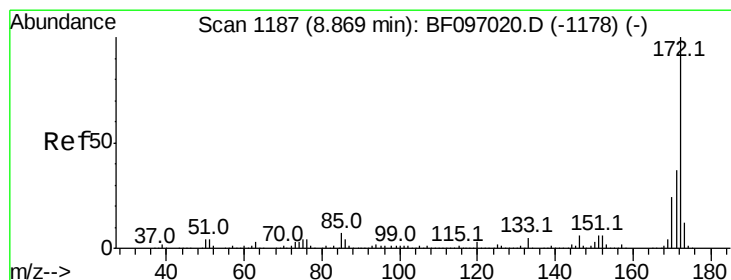
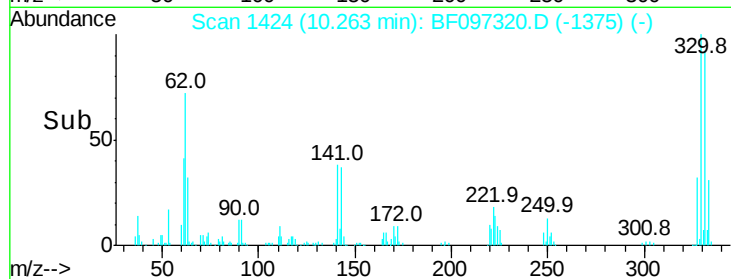
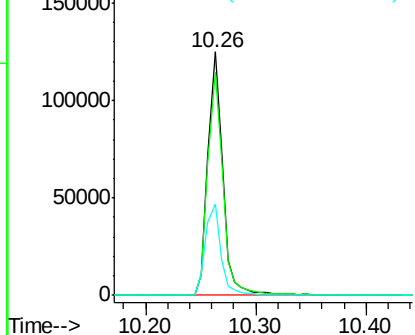
#41
 2,4,6-Tribromophenol
 Concen: 77.746 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

Tot Ion:330 Resp: 113598
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 39.3 31.4 47.2

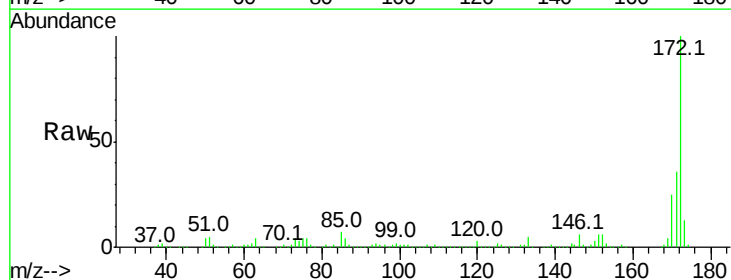


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

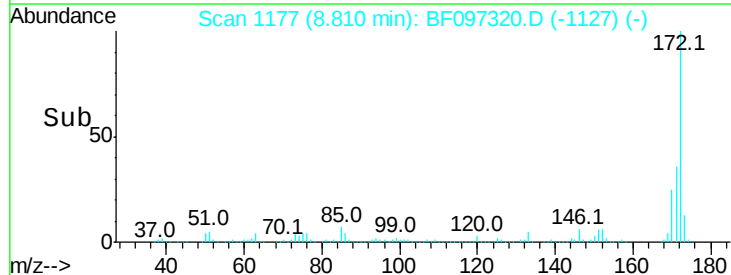
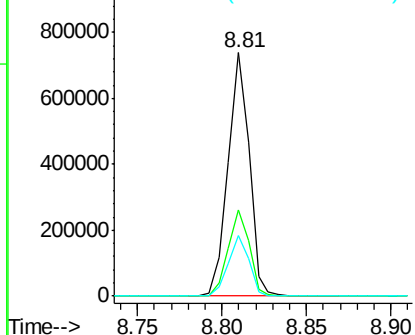


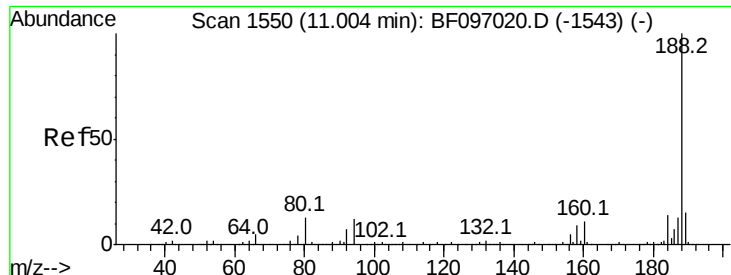
#44
 2-Fluorobiphenyl
 Concen: 59.129 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097320.D
 Acq: 3 Aug 2017 14:43

Tgt Ion:172 Resp: 644326
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.6 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

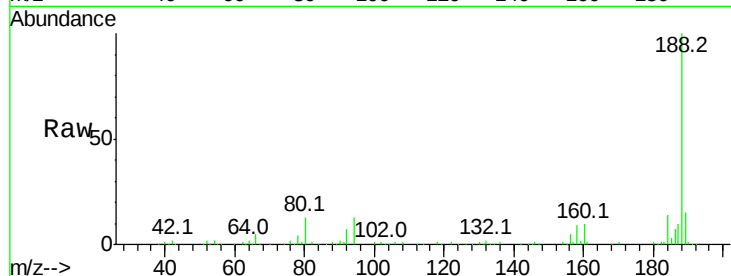




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

Instrument :
BNA_F
ClientSampleId :
E2-HS6-ESW

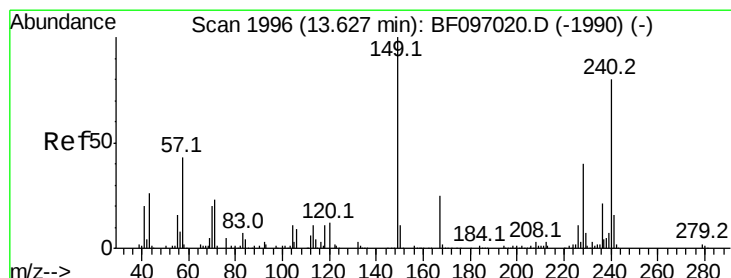
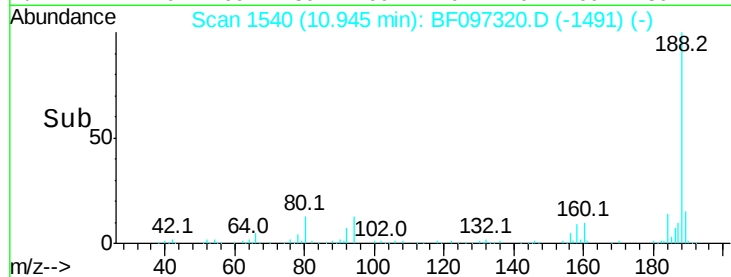
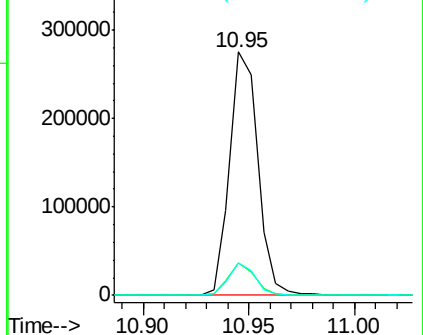
Tot Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	13.4	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

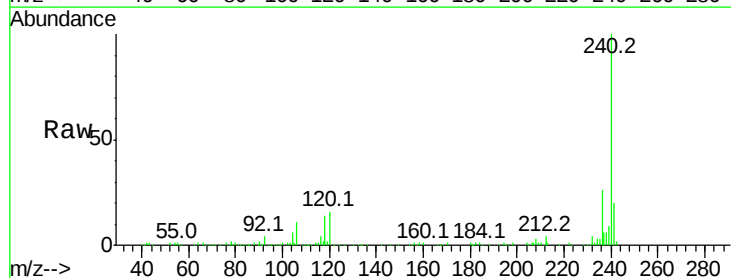
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097320.D
Acq: 3 Aug 2017 14:43

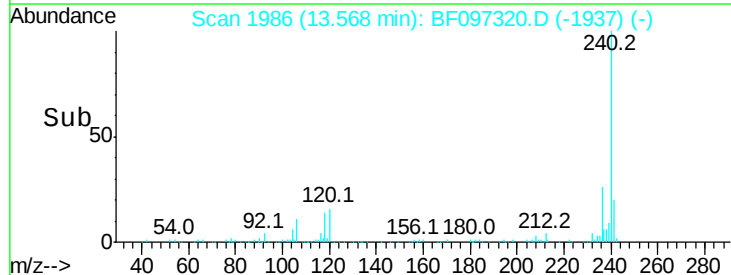
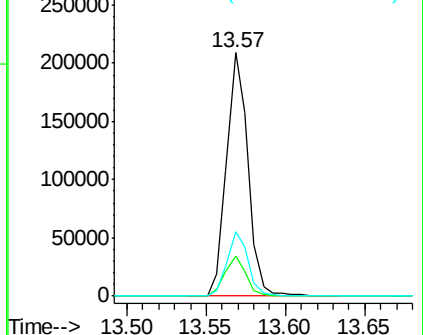
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	26.5	20.5	30.7

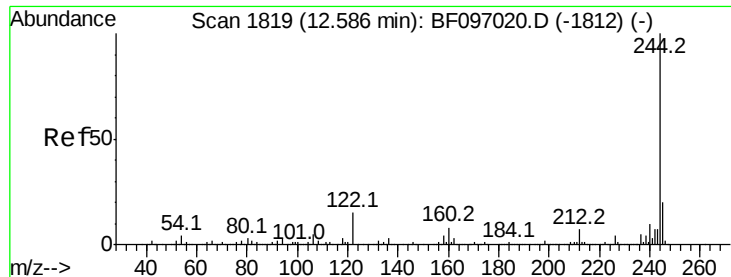


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 43.678 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

Instrument :

BNA_F

ClientSampleId :

E2-HS6-ESW

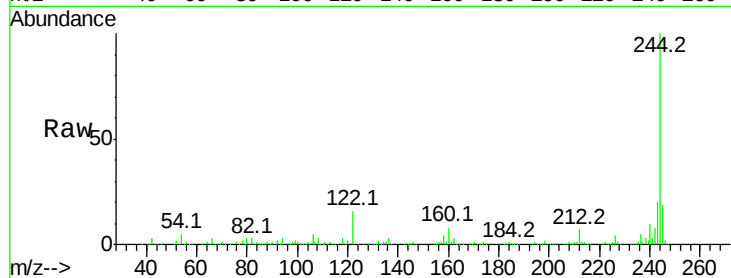
Tot Ion:244 Resp: 421727

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

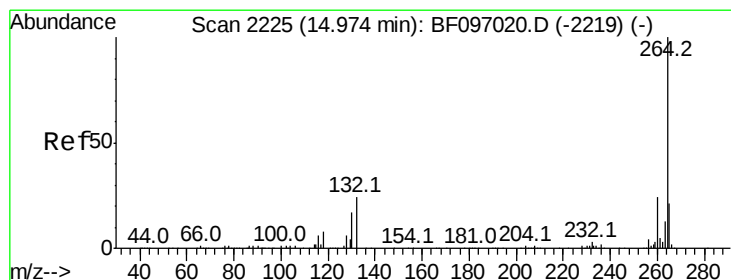
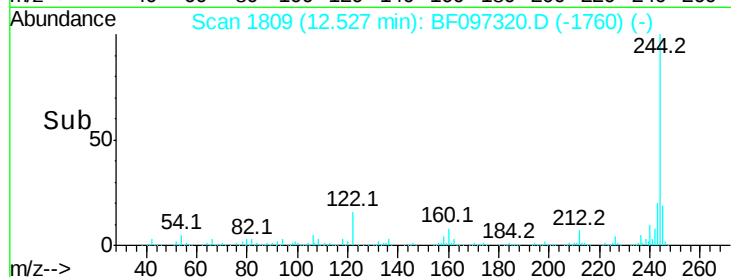
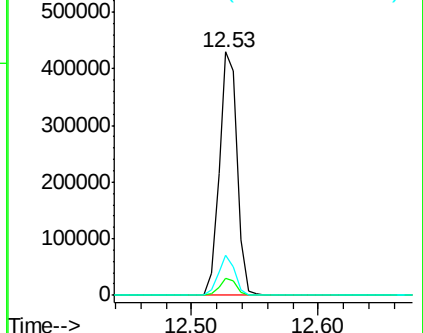
122 16.4 10.3 15.5#



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: 14.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF097320.D

Acq: 3 Aug 2017 14:43

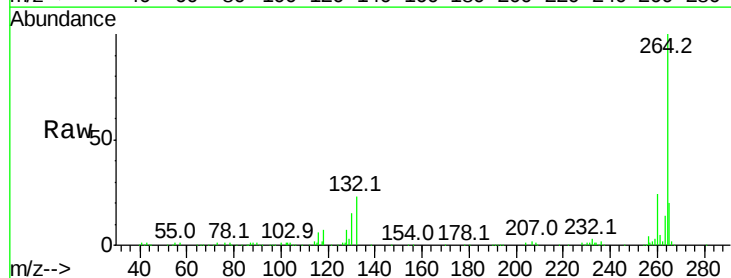
Tgt Ion:264 Resp: 155108

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.3 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

