

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097109.D
 Acq On : 27 Jul 2017 7:12
 Operator : SJ/JU
 Sample : I4443-08 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Quant Time: Jul 27 10:00:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

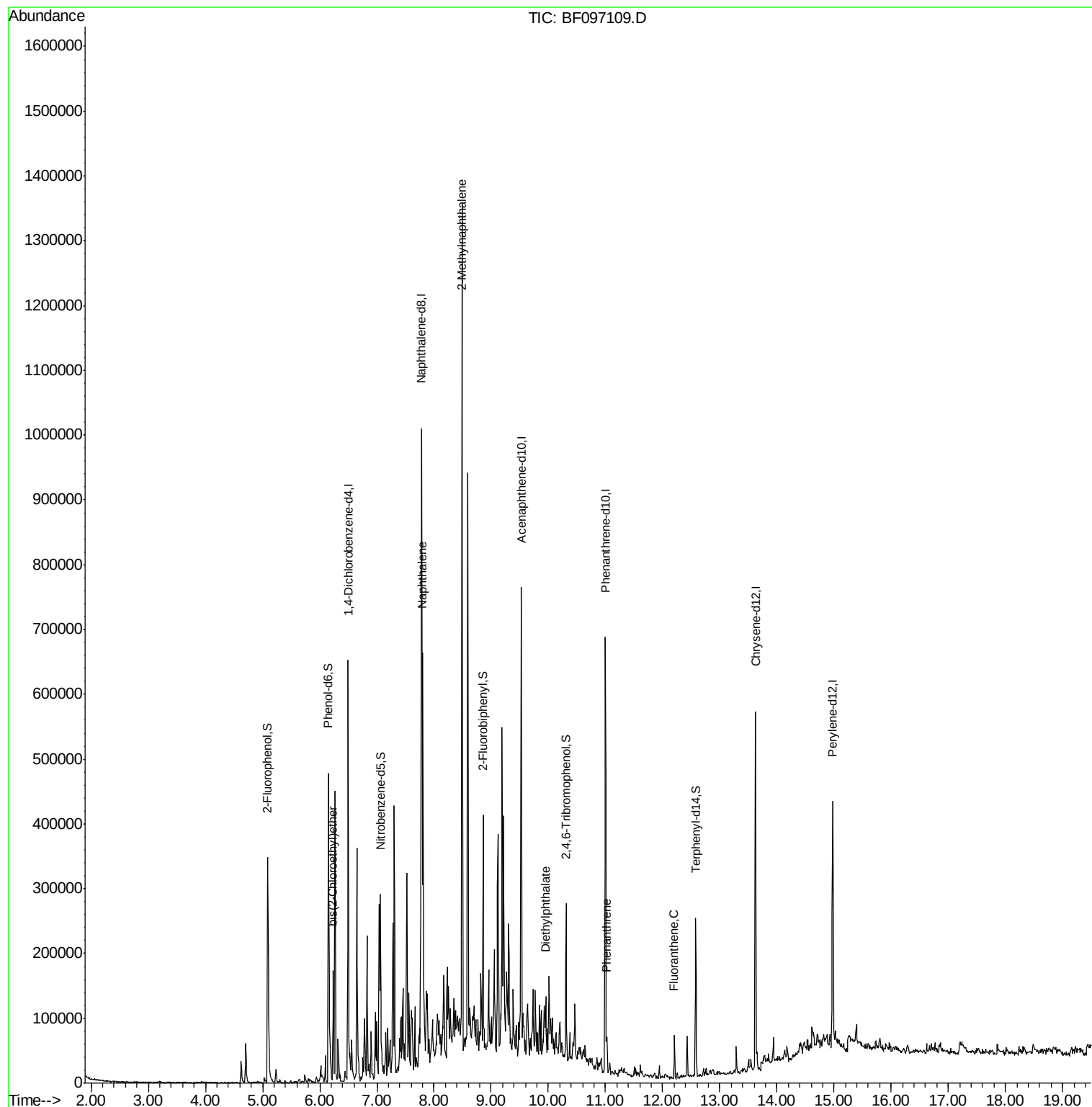
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	97372	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	367704	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	136259	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	221305	20.00	ng	0.00
75) Chrysene-d12	13.63	240	191368	20.00	ng	0.00
86) Perylene-d12	14.98	264	156231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	126043	19.51	ng	0.00
7) Phenol-d6	6.15	99	161146	21.85	ng	-0.02
23) Nitrobenzene-d5	7.06	82	82035	13.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	20429	18.98	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	103882	12.94	ng	-0.01
78) Terphenyl-d14	12.58	244	64646	6.89	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.23	93	45983	6.647	ng	91
31) Naphthalene	7.80	128	259327	14.961	ng	100
37) 2-Methylnaphthalene	8.49	142	325588	29.668	ng	99
59) Diethylphthalate	9.96	149	22956	2.418	ng	100
70) Phenanthrene	11.02	178	29158	2.459	ng	99
74) Fluoranthene	12.20	202	25899	2.230	ng	96

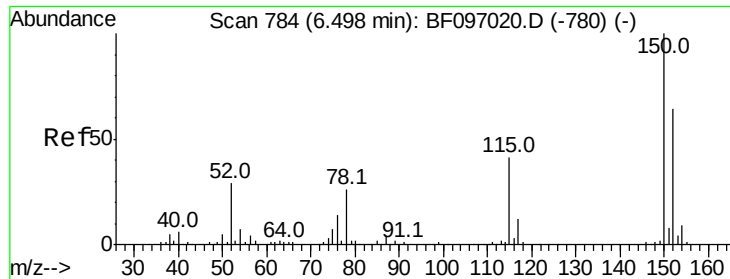
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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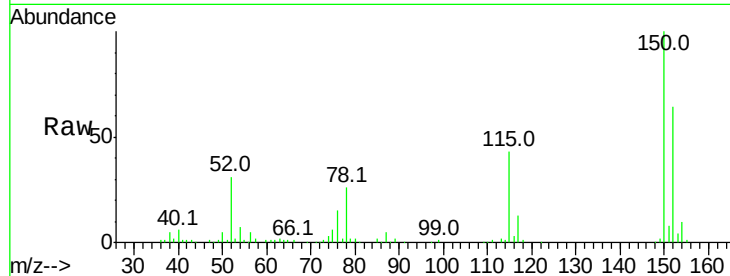


#1

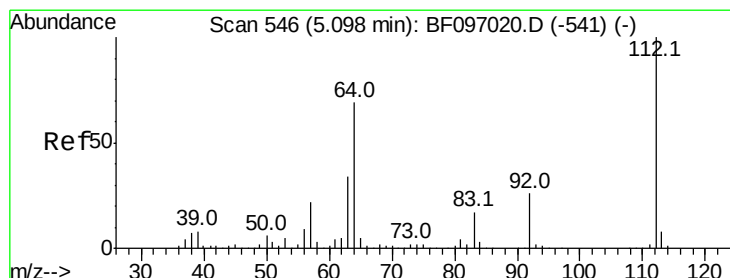
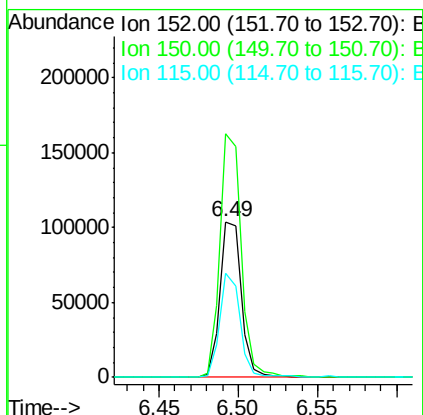
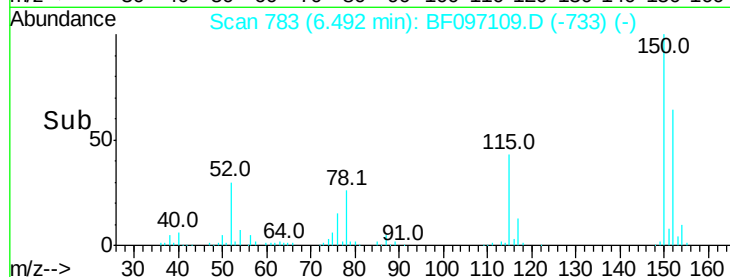
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion:152 Resp: 97372
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 67.3 52.2 78.2



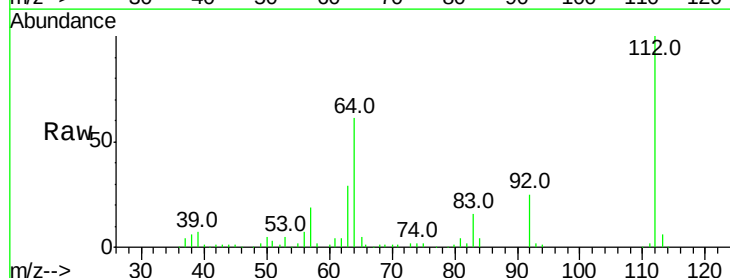
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



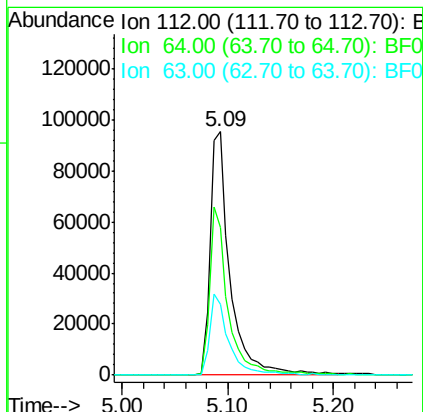
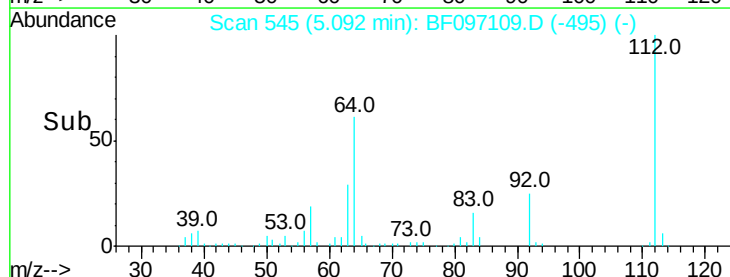
#5

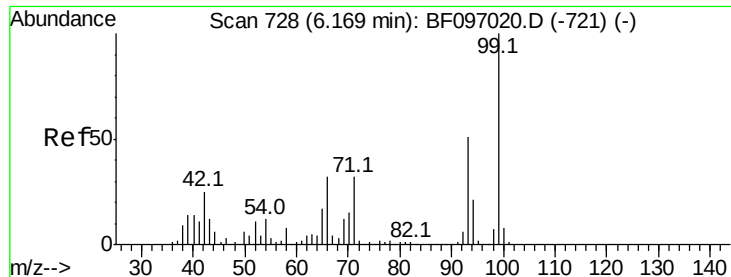
2-Fluorophenol
Concen: 19.514 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Tgt Ion:112 Resp: 126043
Ion Ratio Lower Upper
112 100
64 60.7 46.0 69.0
63 29.3 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: 21.853 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

Instrument :

BNA_F

ClientSampleId :

E2-M6-BASE

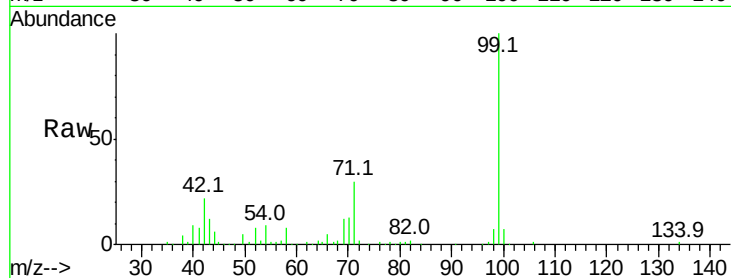
Tot Ion: 99 Resp: 161146

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

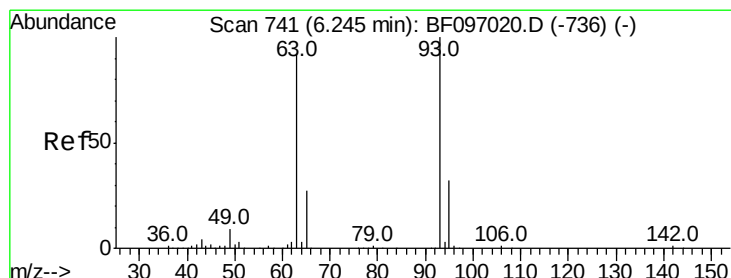
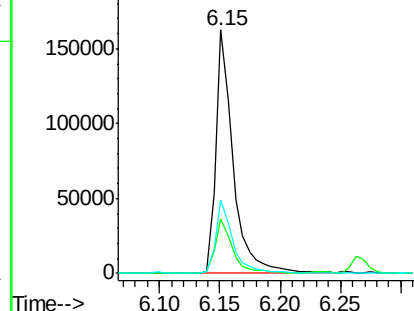
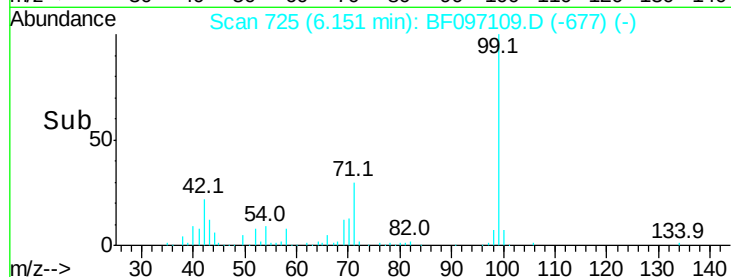
71 30.3 24.5 36.7



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



#11

bis(2-Chloroethyl)ether

Concen: 6.647 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

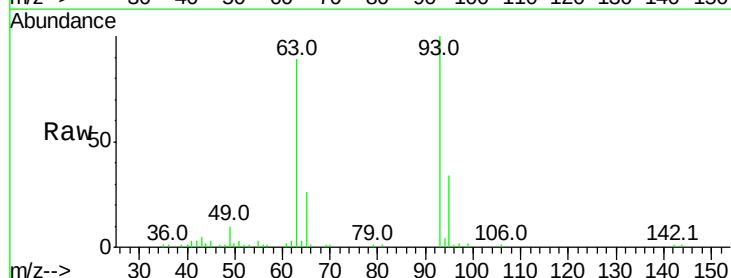
Tgt Ion: 93 Resp: 45983

Ion Ratio Lower Upper

93 100

63 89.3 59.2 99.2

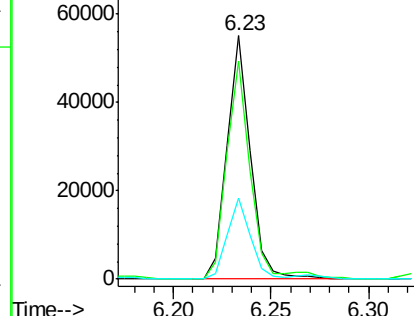
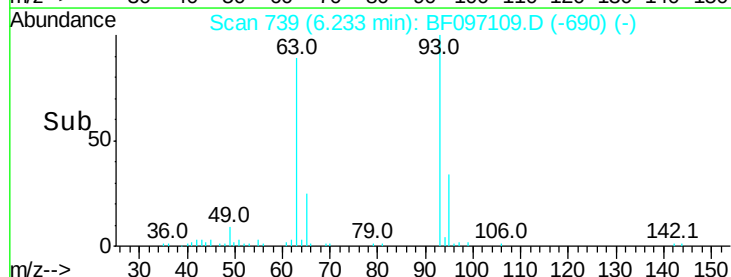
95 33.5 12.8 52.8

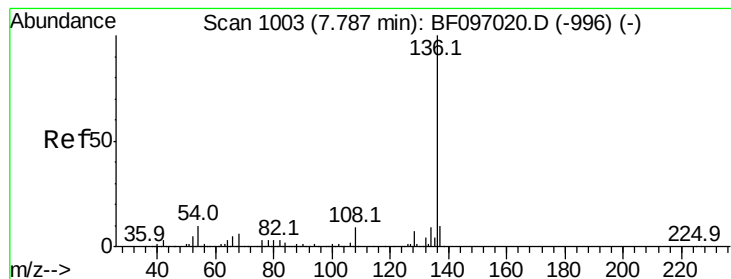


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

Instrument :

BNA_F

ClientSampleId :

E2-M6-BASE

Tot Ion:136 Resp: 367704

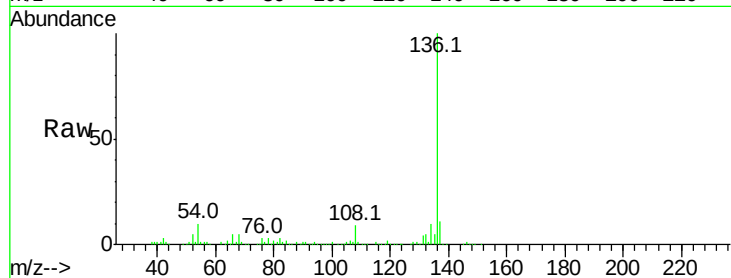
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.2 4.9 7.3#

68 5.4 4.1 6.1

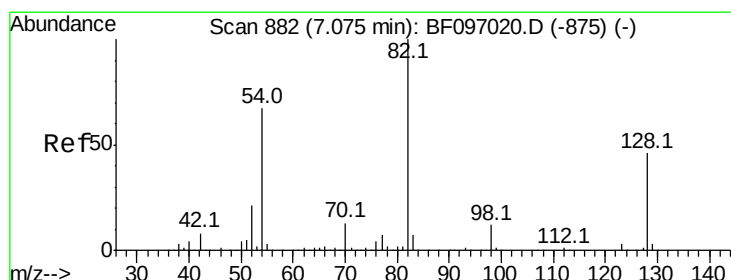
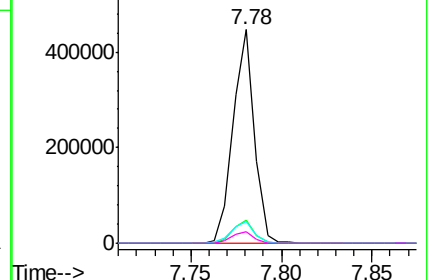
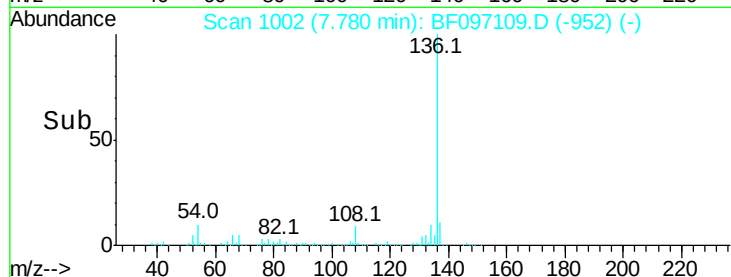


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.088 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

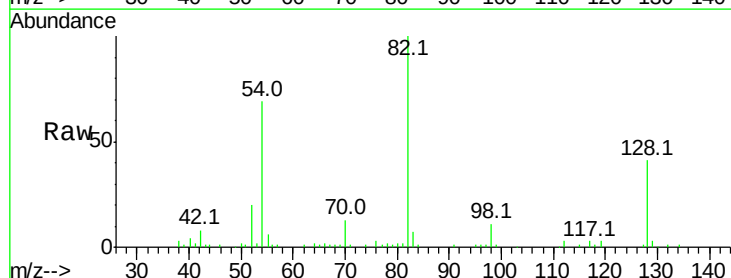
Tgt Ion: 82 Resp: 82035

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

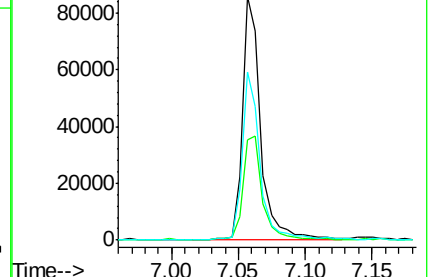
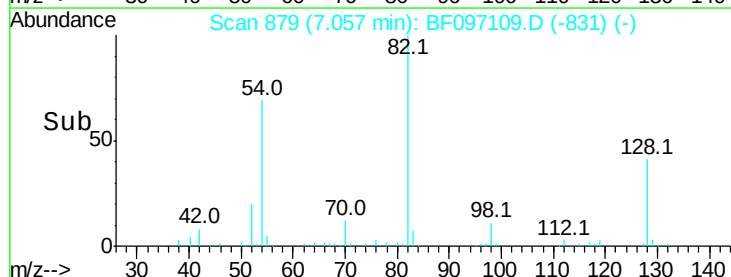
54 69.1 42.2 63.2#

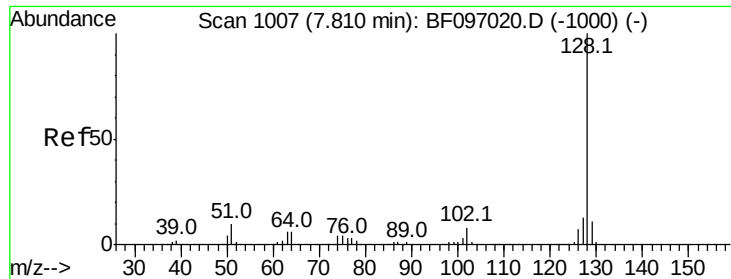


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

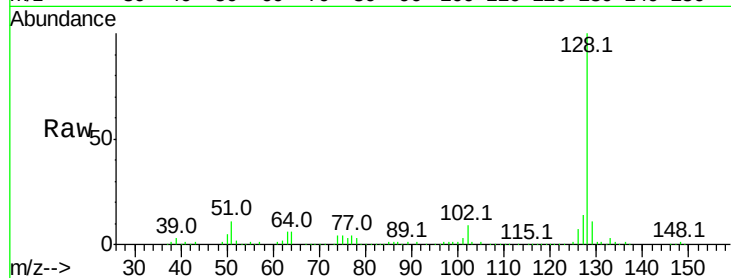




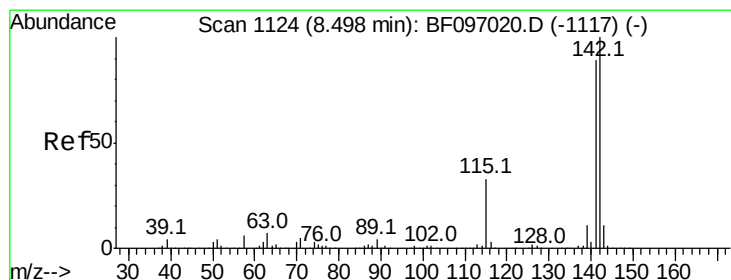
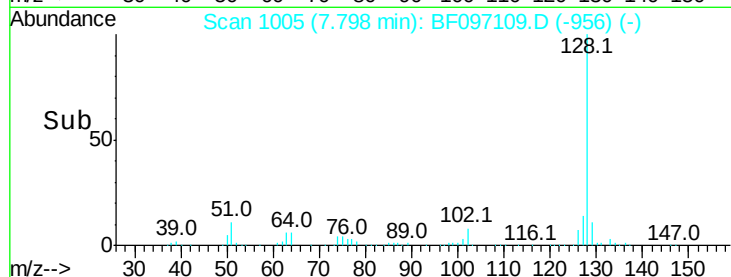
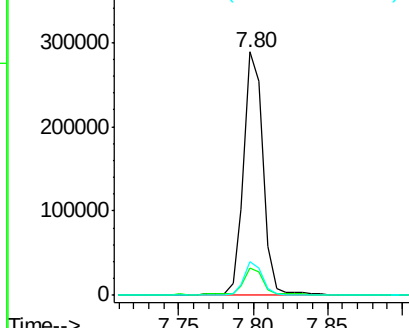
#31
Naphthalene
Concen: 14.961 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

Tot Ion:128 Resp: 259327
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 10.8 16.2

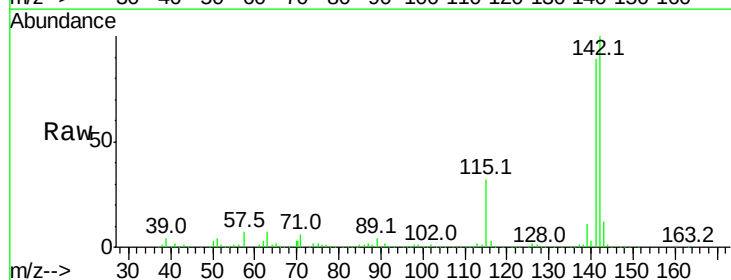


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

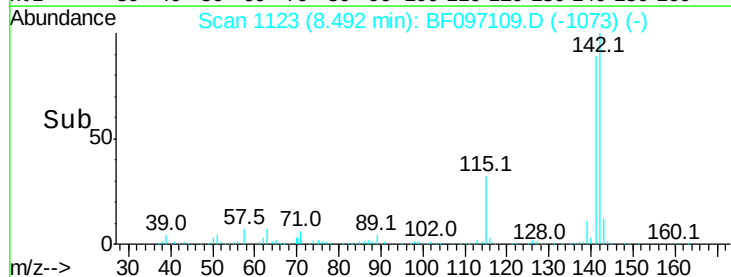
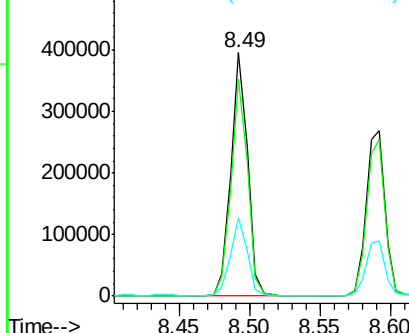


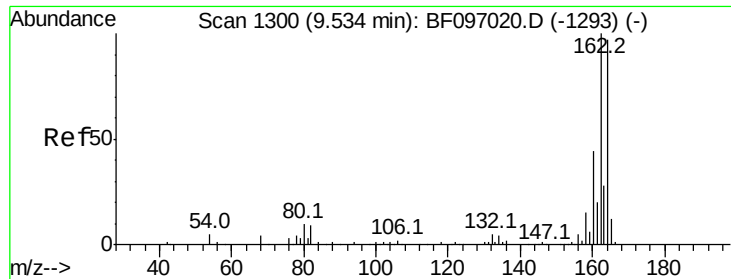
#37
2-Methylnaphthalene
Concen: 29.668 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Tgt Ion:142 Resp: 325588
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 32.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

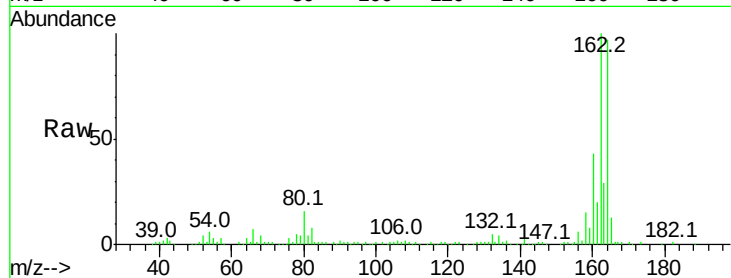




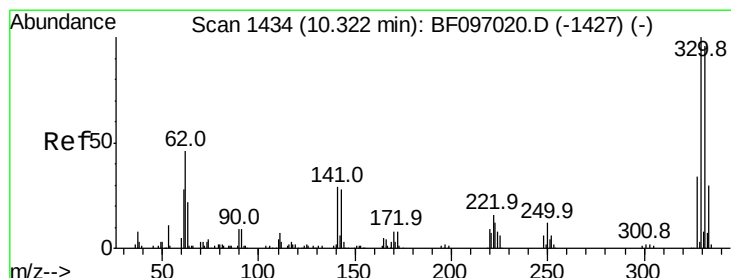
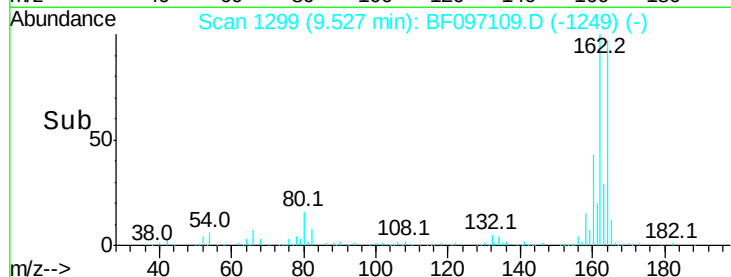
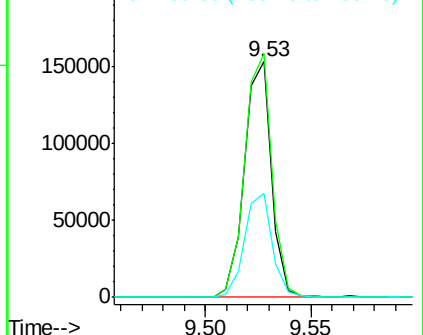
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097109.D
 Acq: 27 Jul 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.1	36.2	54.2

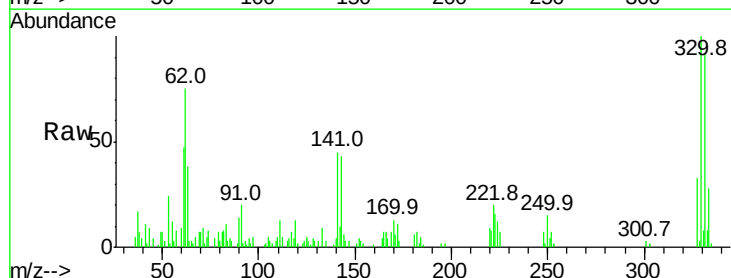


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

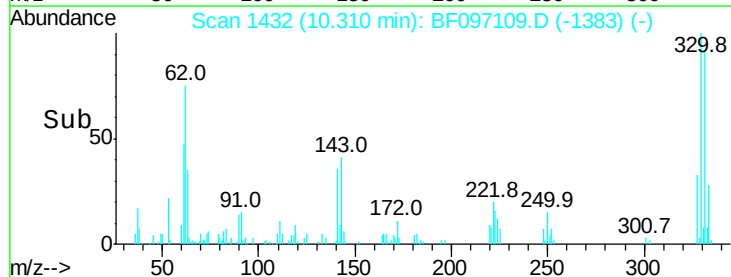
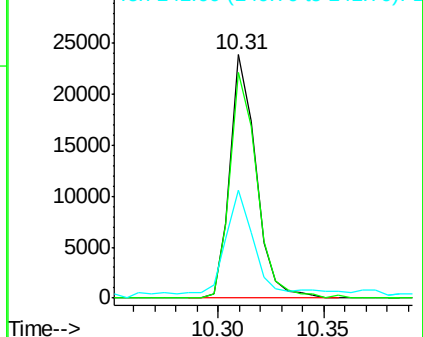


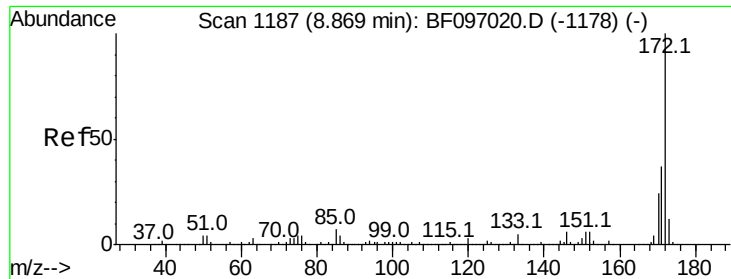
#41
 2,4,6-Tribromophenol
 Concen: 18.976 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097109.D
 Acq: 27 Jul 2017 7:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	46.4	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

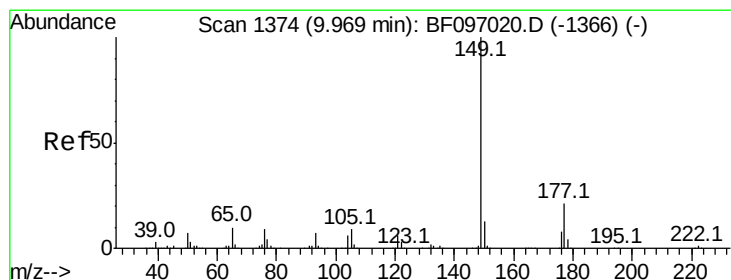
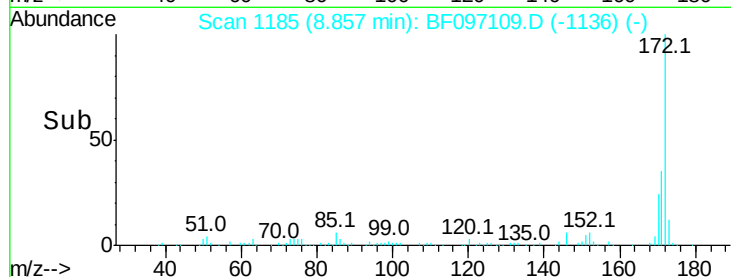
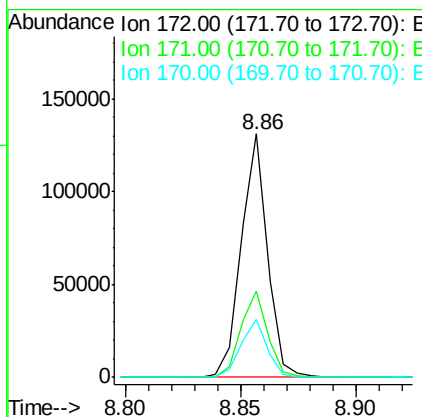
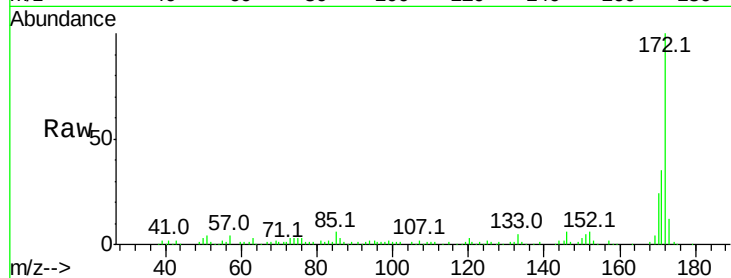




#44
2-Fluorobiphenyl
Concen: 12.938 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

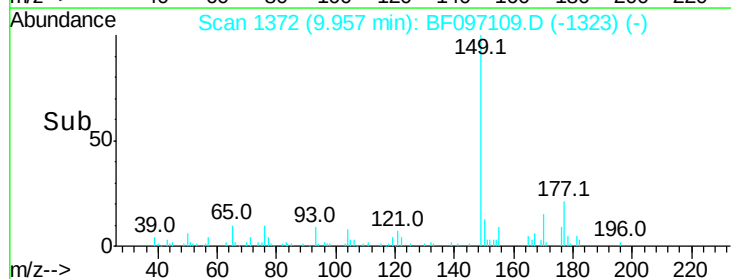
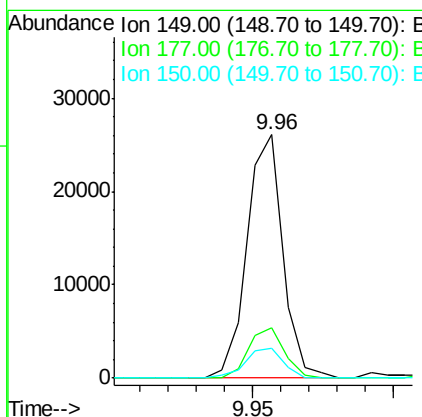
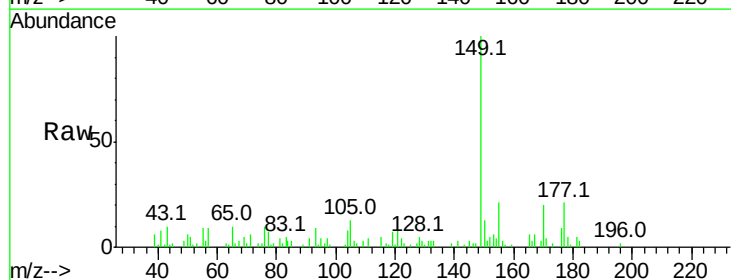
Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

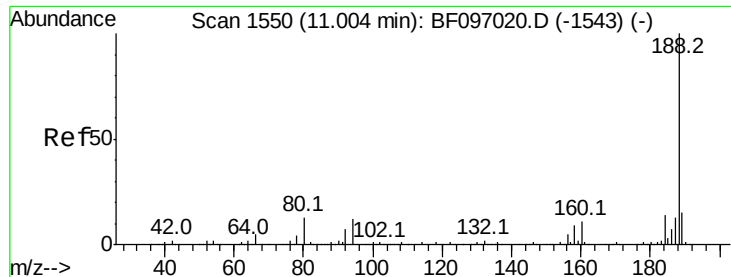
Tot Ion:172 Resp: 103882
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.6 19.8 29.8



#59
Diethylphthalate
Concen: 2.418 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Tgt Ion:149 Resp: 22956
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.5 10.2 15.2

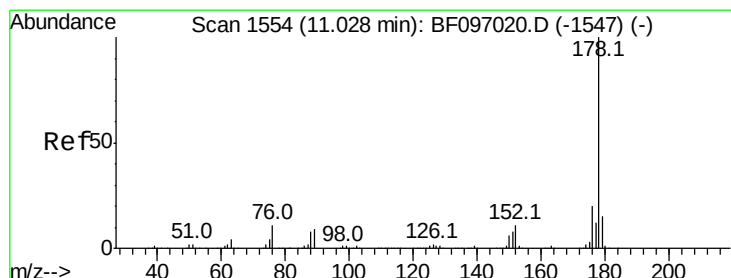
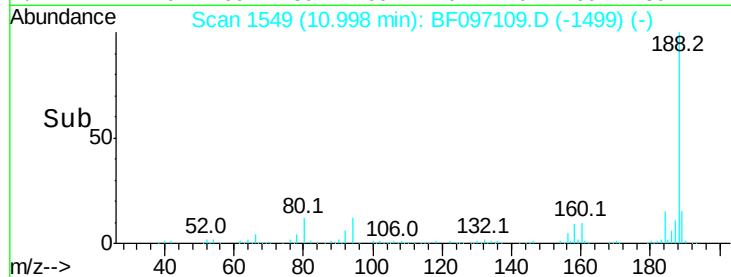
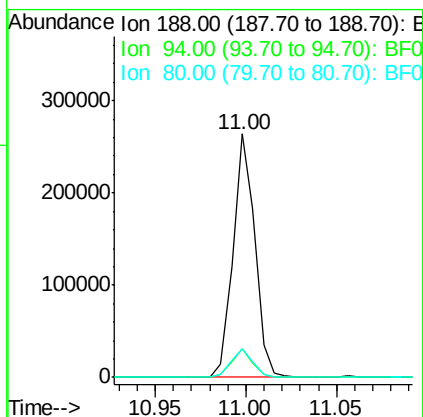
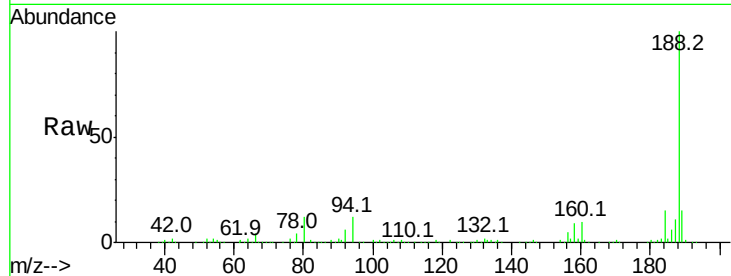




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

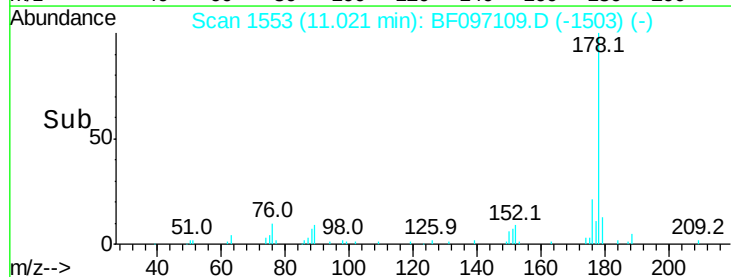
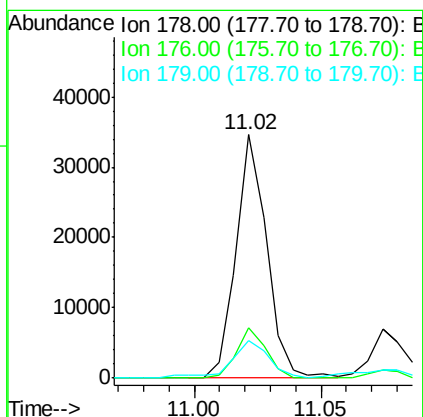
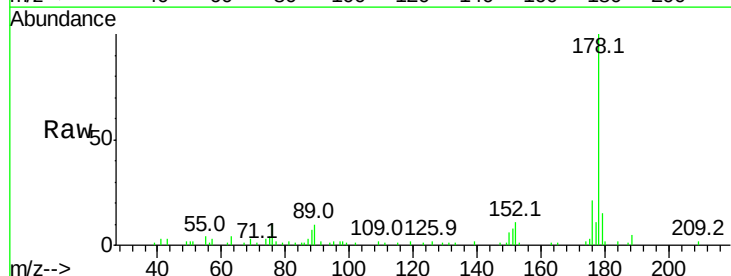
Instrument :
BNA_F
ClientSampleId :
E2-M6-BASE

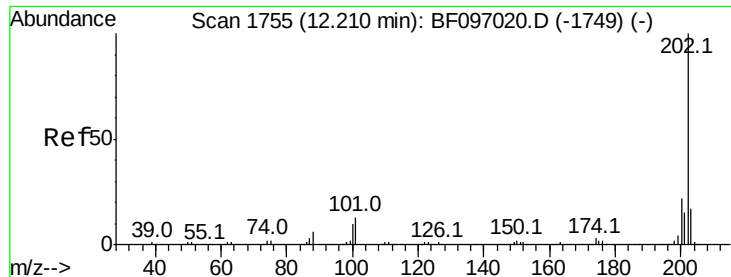
Tot Ion:188 Resp: 221305
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.6 10.2 15.2



#70
Phenanthrene
Concen: 2.459 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097109.D
Acq: 27 Jul 2017 7:12

Tgt Ion:178 Resp: 29158
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 15.4 12.6 19.0

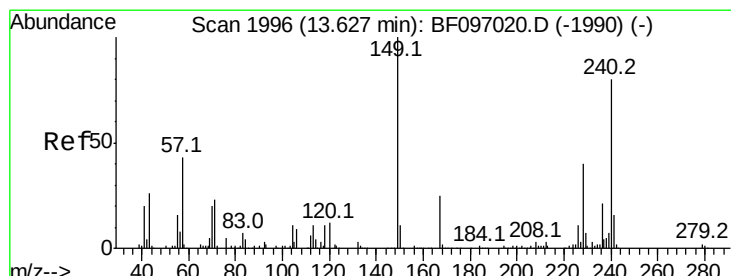
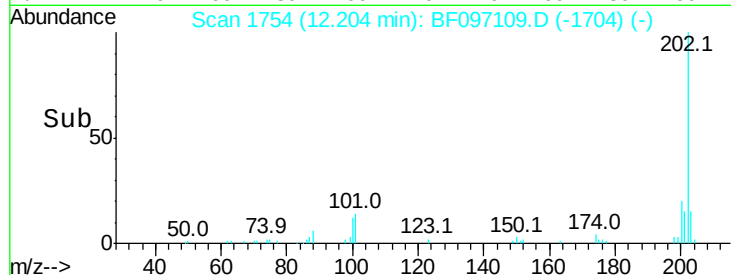
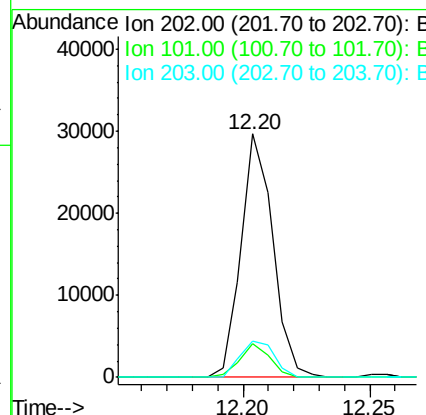
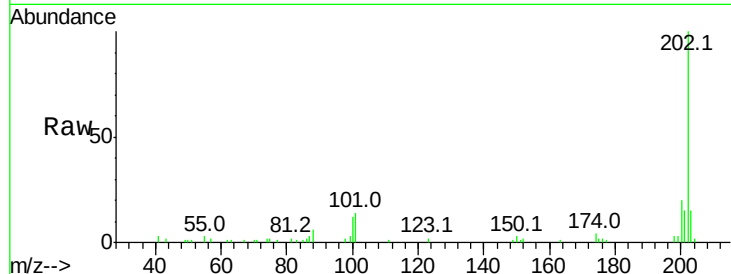




#74
 Fluoranthene
 Concen: 2.230 ng
 RT: 12.20 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF097109.D
 Acq: 27 Jul 2017 7:12

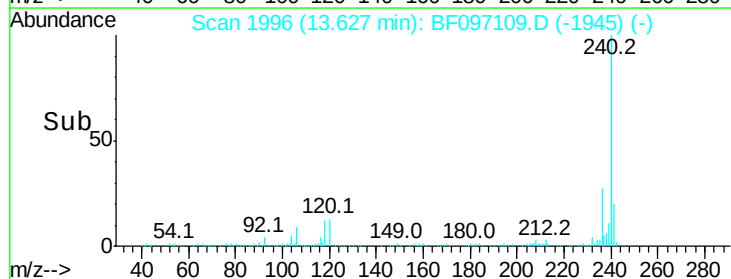
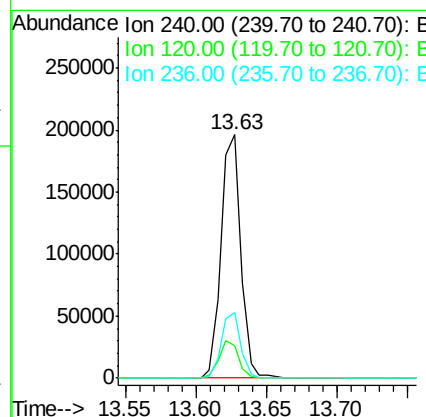
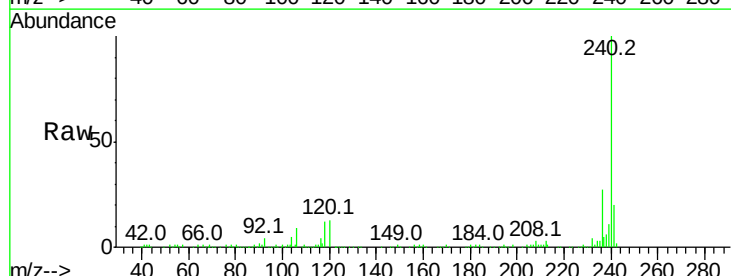
Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-BASE

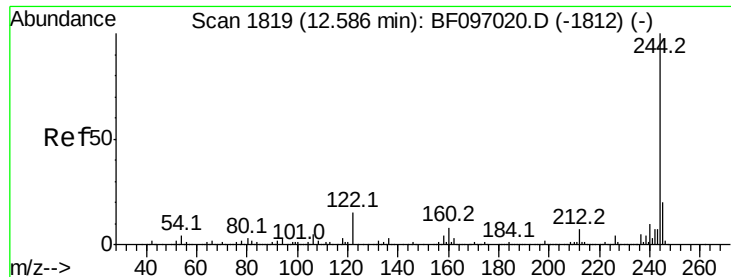
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	15.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.63 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF097109.D
 Acq: 27 Jul 2017 7:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	27.0	20.5	30.7





#78

Terphenyl-d14

Concen: 6.887 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

Instrument :

BNA_F

ClientSampleId :

E2-M6-BASE

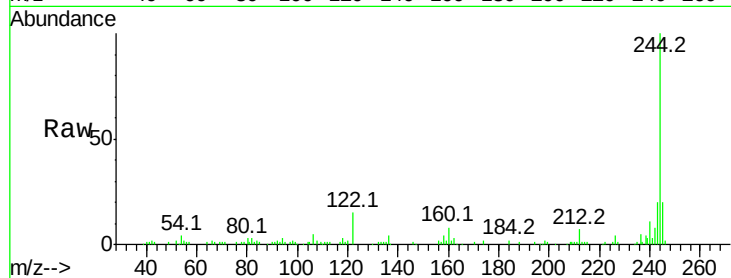
Tot Ion:244 Resp: 64646

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

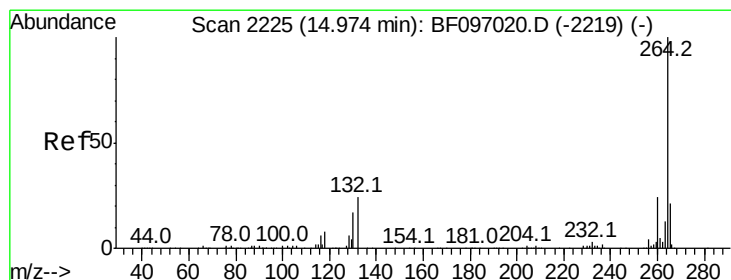
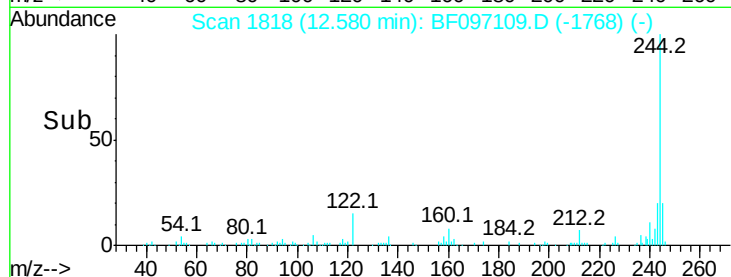
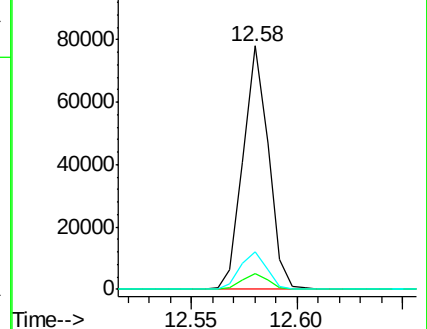
122 15.4 10.3 15.5



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: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097109.D

Acq: 27 Jul 2017 7:12

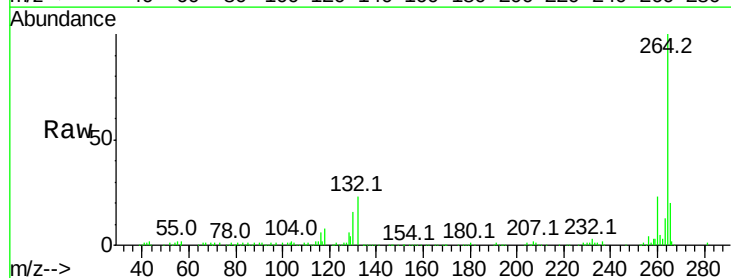
Tgt Ion:264 Resp: 156231

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.5 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

