

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097073.D
 Acq On : 26 Jul 2017 14:12
 Operator : SJ/JU
 Sample : I4443-04 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 15:50:45 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

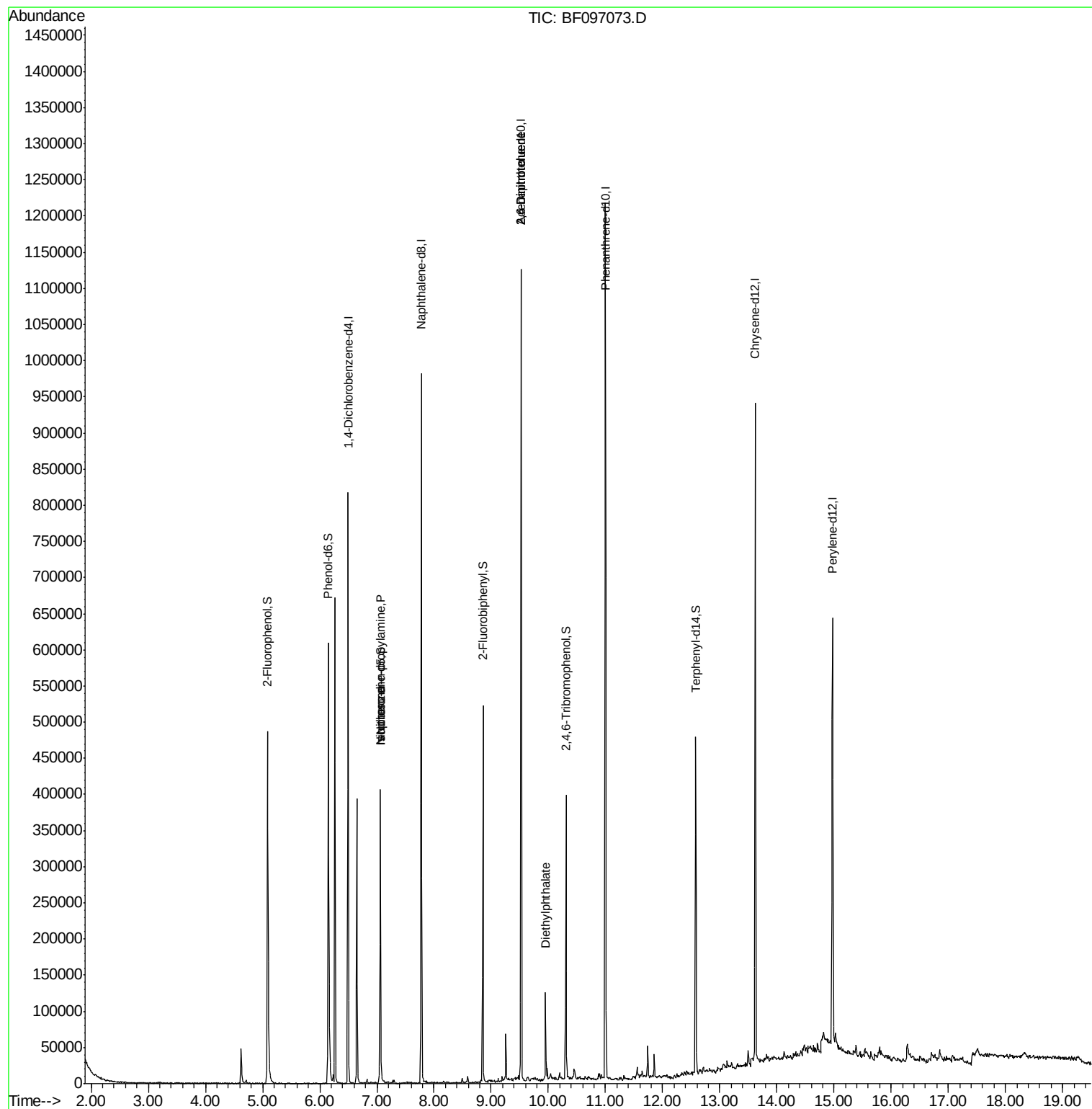
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115732	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	493039	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	231400	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	401575	20.00	ng	0.00
75) Chrysene-d12	13.62	240	296421	20.00	ng	0.00
86) Perylene-d12	14.97	264	216177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	150534	19.61	ng	-0.01
7) Phenol-d6	6.15	99	201024	22.94	ng	-0.02
23) Nitrobenzene-d5	7.06	82	116029	13.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	42015	22.98	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	166537	12.21	ng	-0.01
78) Terphenyl-d14	12.58	244	129724	8.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	15101	2.618	ng	# 80
25) Isophorone	7.06	82	114252	6.942	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	29523	7.922	ng	# 32
56) 2,4-Dinitrotoluene	9.52	165	29523	6.891	ng	# 32
59) Diethylphthalate	9.95	149	41289	2.561	ng	97

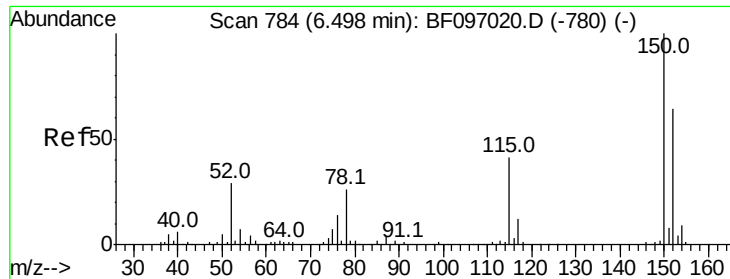
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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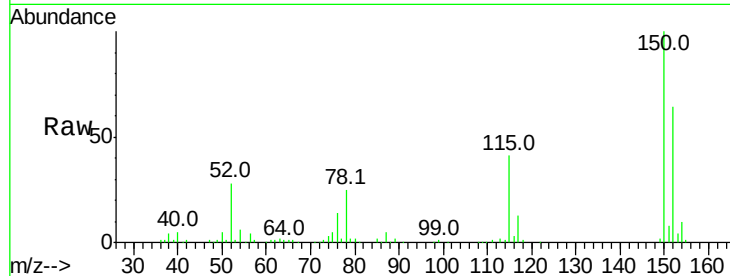


#1

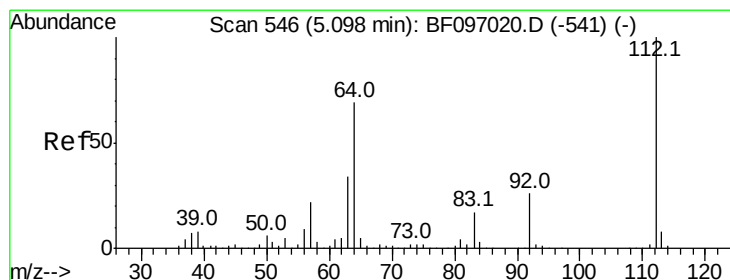
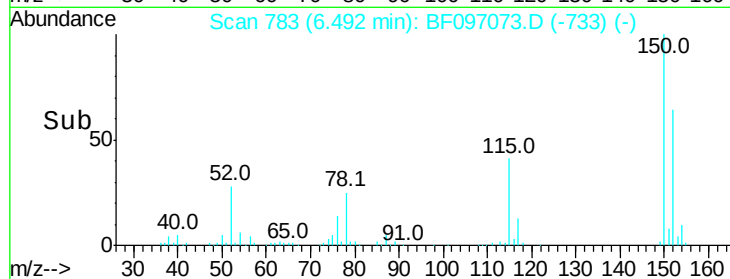
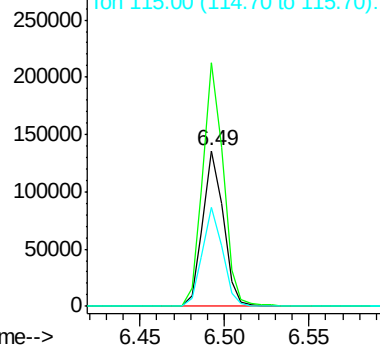
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115732
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.7 52.2 78.2



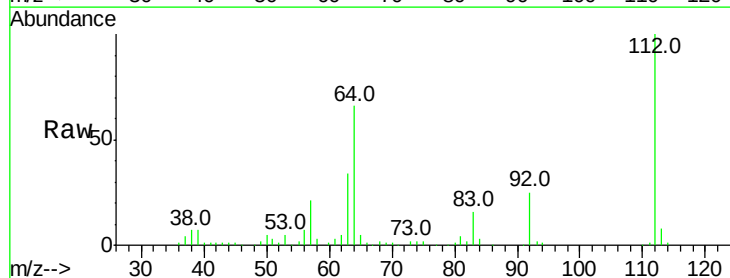
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



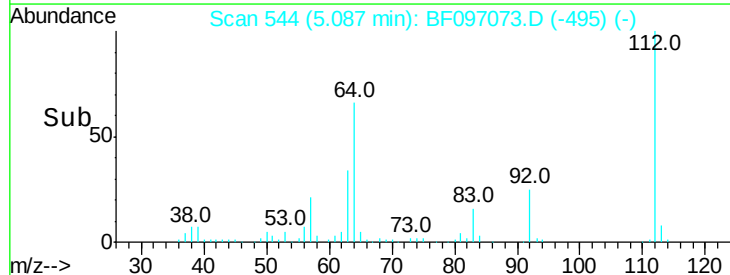
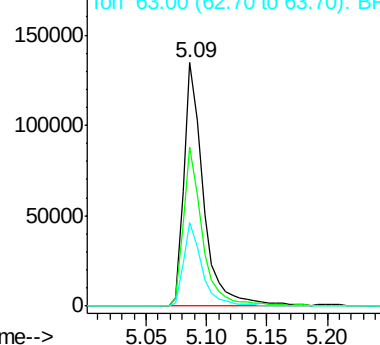
#5

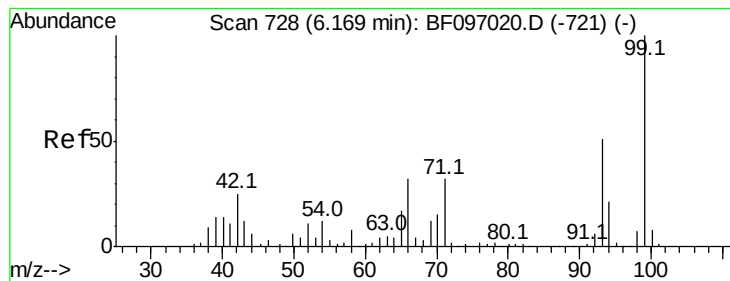
2-Fluorophenol
Concen: 19.608 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Tgt Ion:112 Resp: 150534
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 34.1 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: 22.937 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampled :

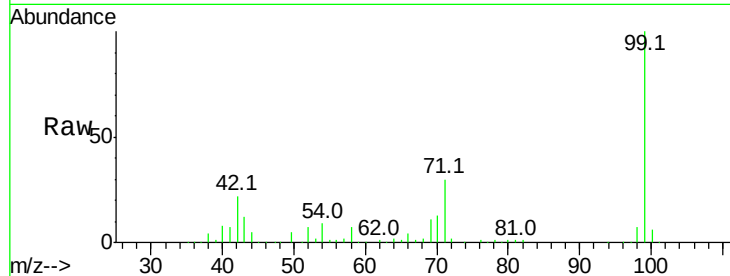
Tot Ion: 99 Resp: 201024

Ion Ratio Lower Upper

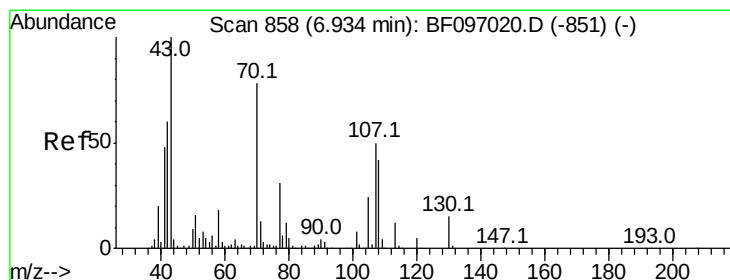
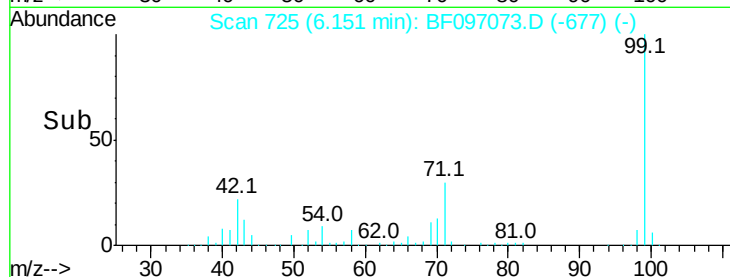
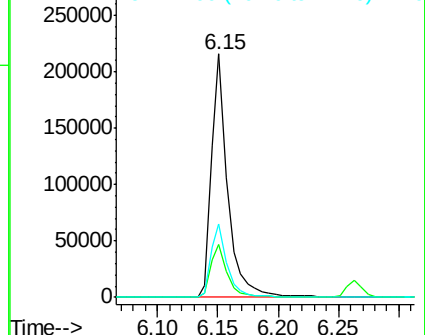
99 100

42 21.5 13.5 20.3#

71 30.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.618 ng

RT: 7.06 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Tgt Ion: 70 Resp: 15101

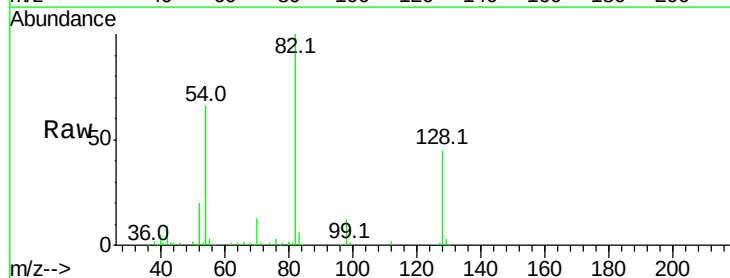
Ion Ratio Lower Upper

70 100

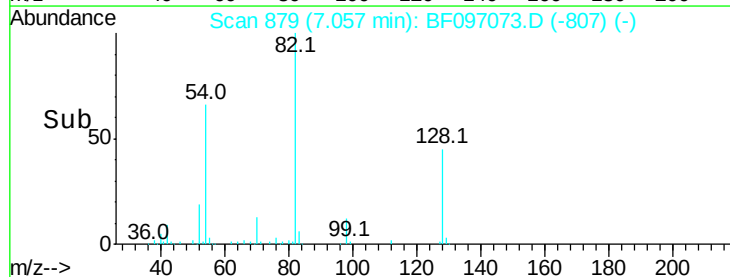
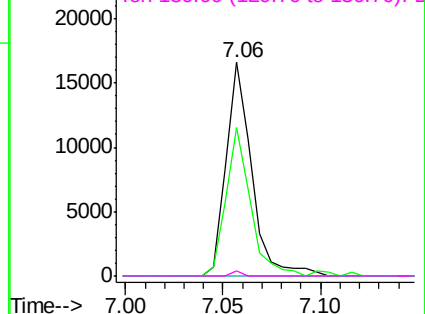
42 69.4 47.2 70.8

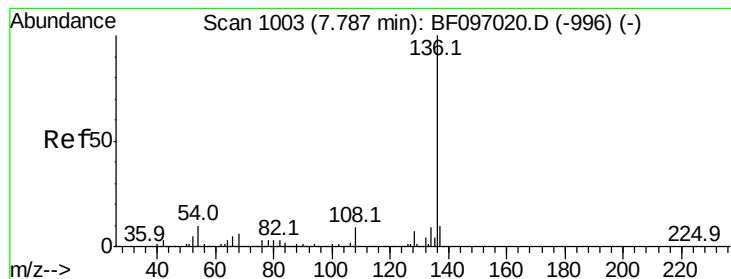
101 0.0 7.2 10.8#

130 2.4 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493039

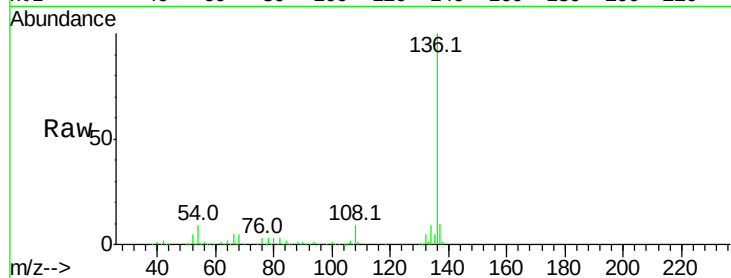
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 9.5 4.9 7.3#

68 4.8 4.1 6.1

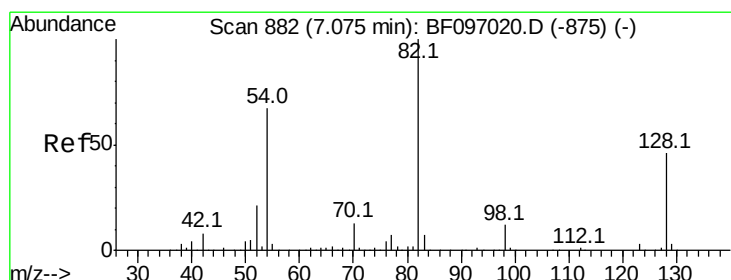
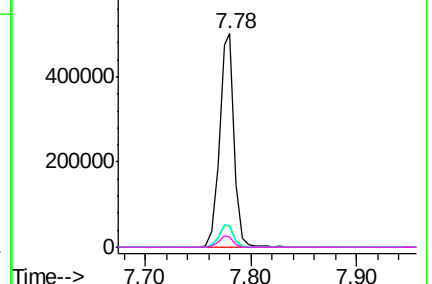
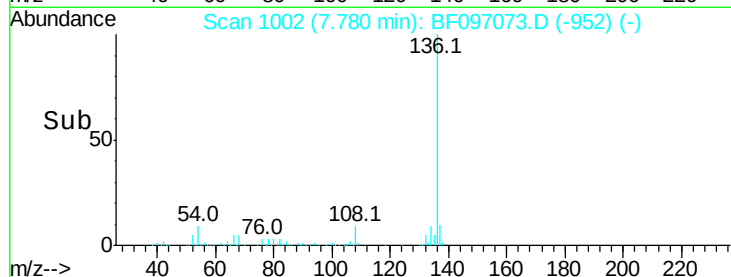


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.806 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

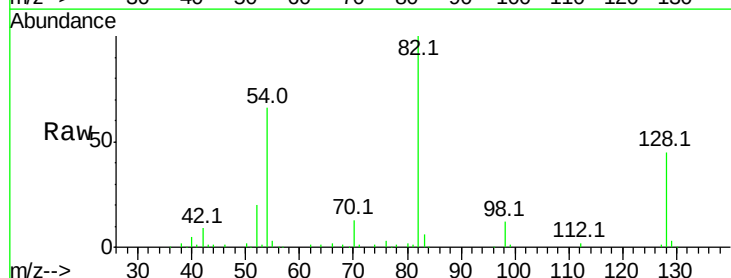
Tgt Ion: 82 Resp: 116029

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

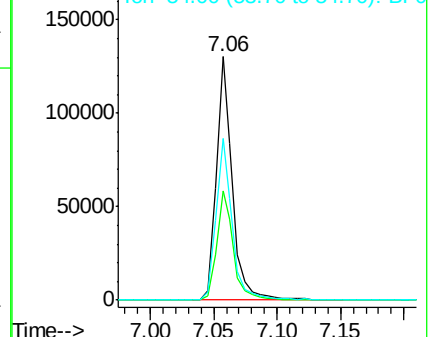
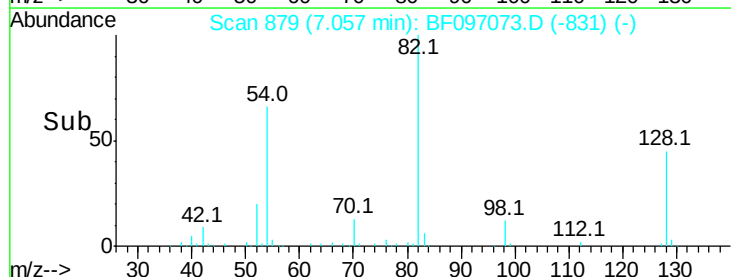
54 66.2 42.2 63.2#

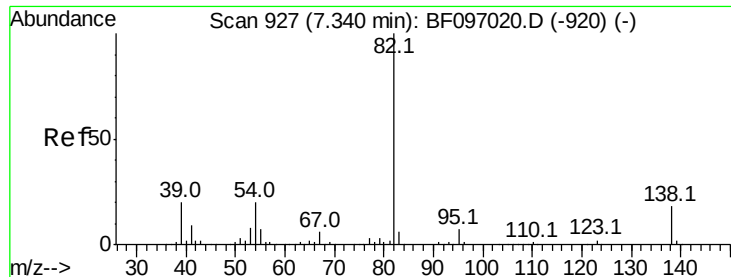


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.942 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

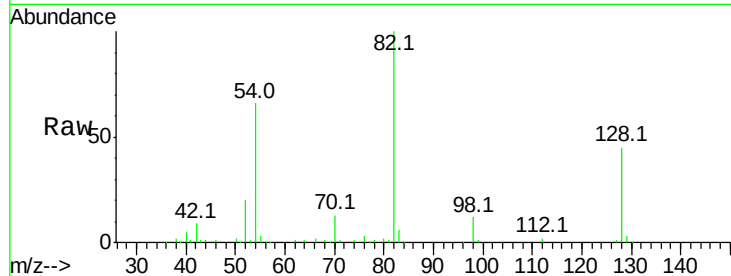
Tot Ion: 82 Resp: 114252

Ion Ratio Lower Upper

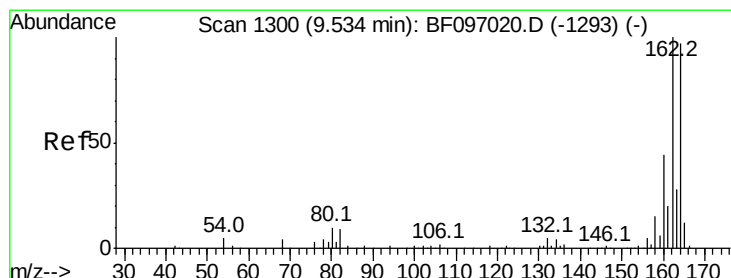
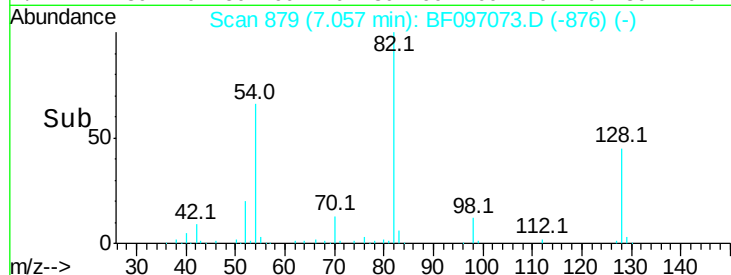
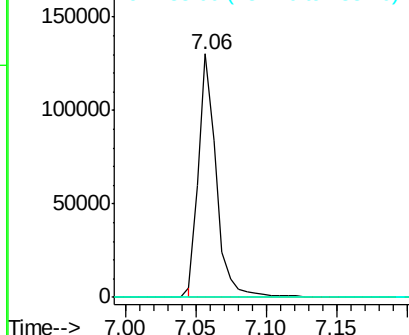
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

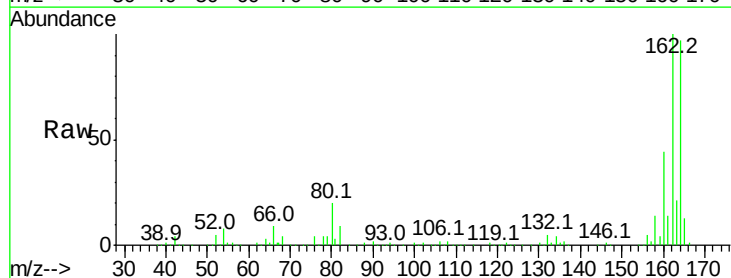
Tgt Ion:164 Resp: 231400

Ion Ratio Lower Upper

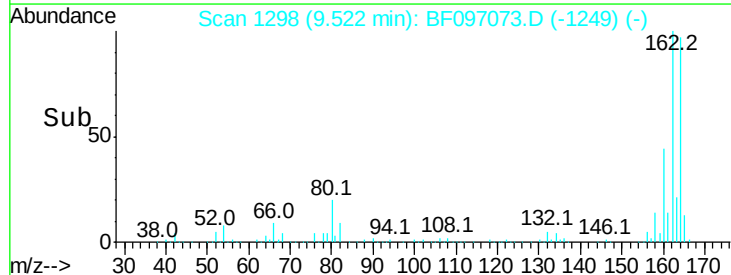
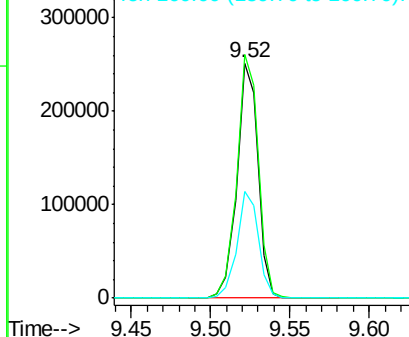
164 100

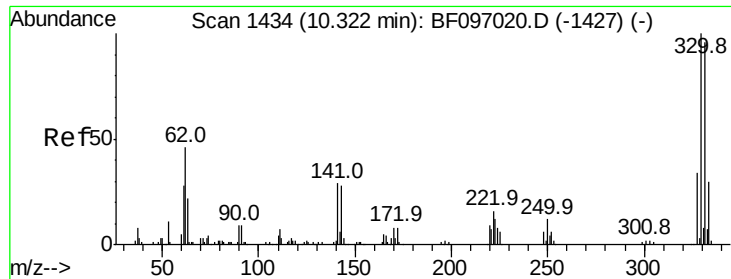
162 103.5 82.6 123.8

160 45.3 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

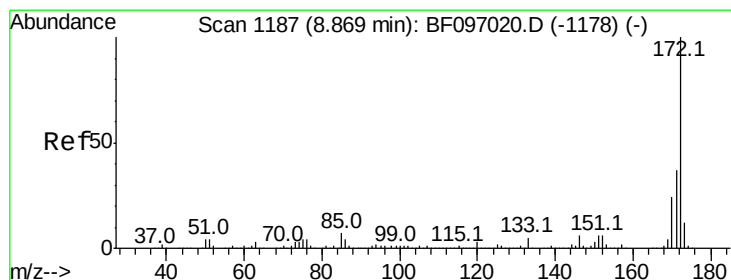
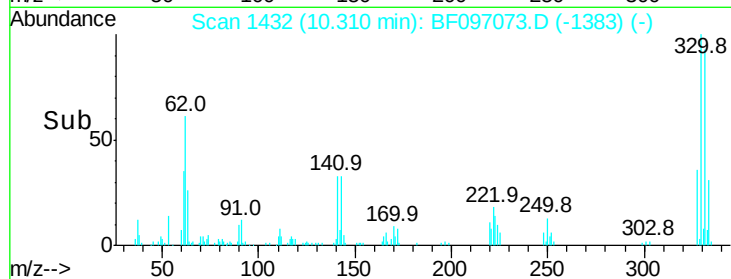
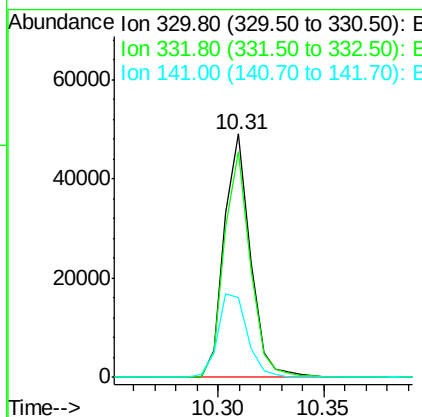
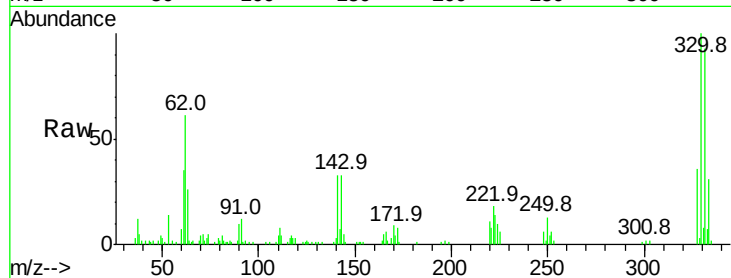




#41
 2,4,6-Tribromophenol
 Concen: 22.981 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

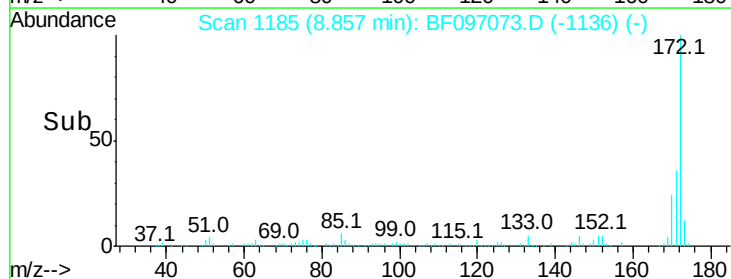
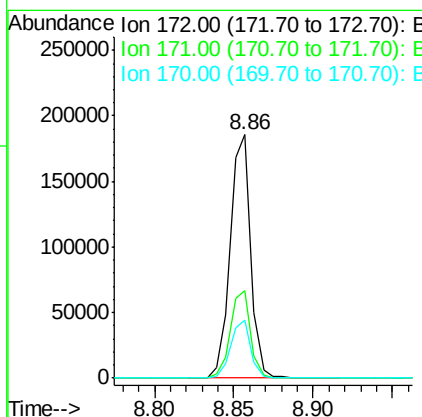
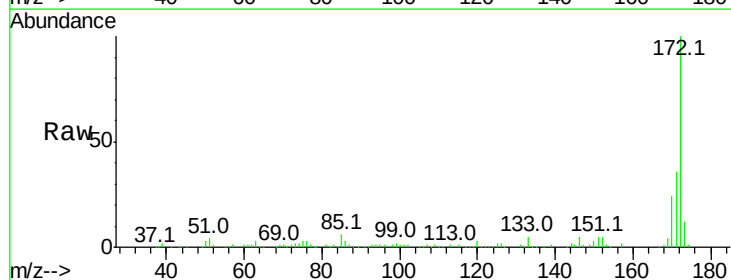
Instrument :
 BNA_F
 ClientSampleId :

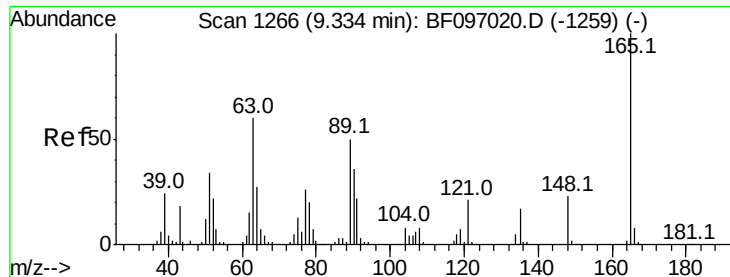
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.6	115.0
141	38.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 12.214 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 7.922 ng

RT: 9.52 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

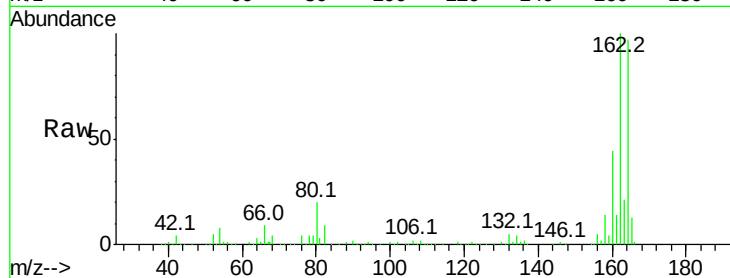
Tot Ion:165 Resp: 29523

Ion Ratio Lower Upper

165 100

63 1.0 34.3 51.5#

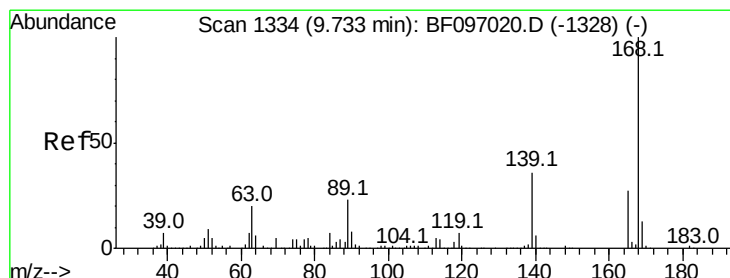
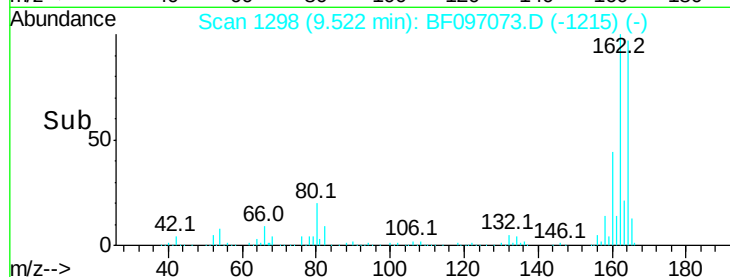
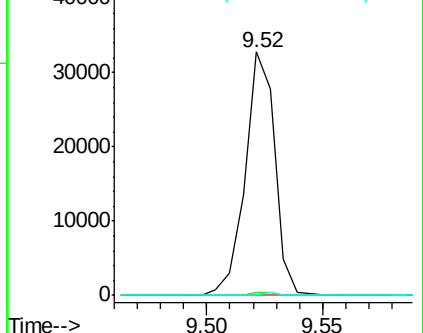
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.891 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Tgt Ion:165 Resp: 29523

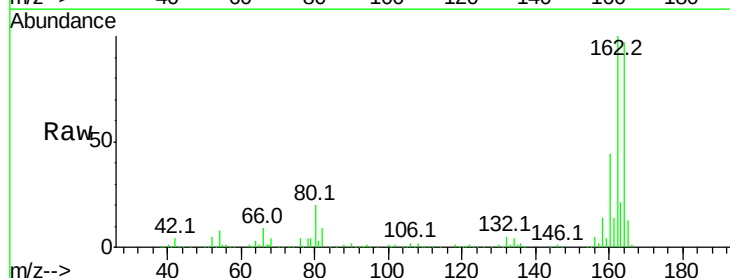
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

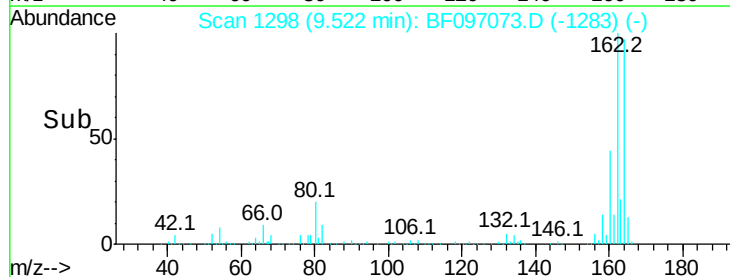
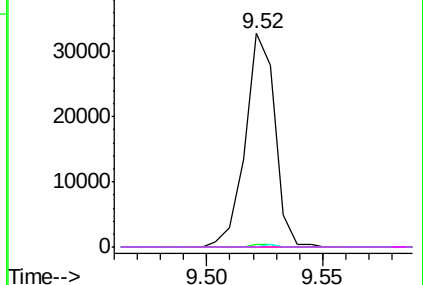


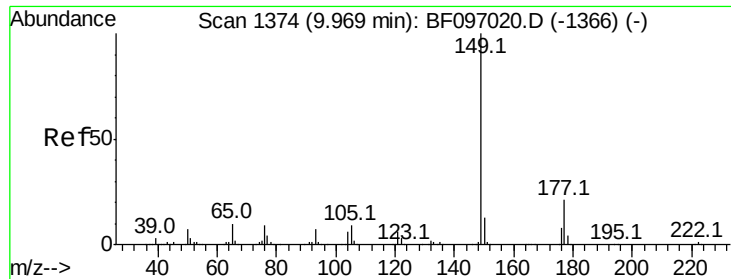
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

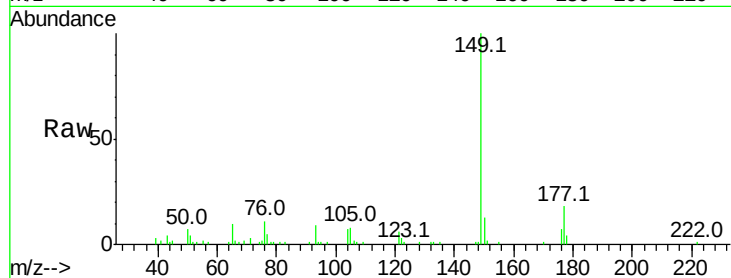




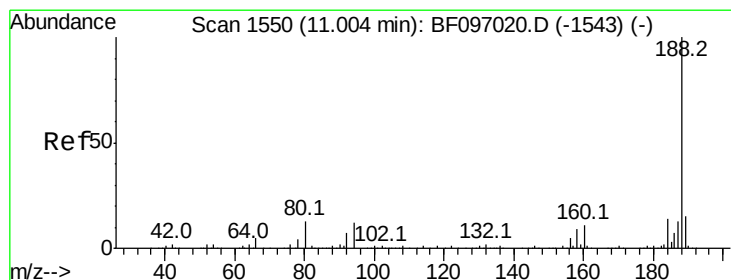
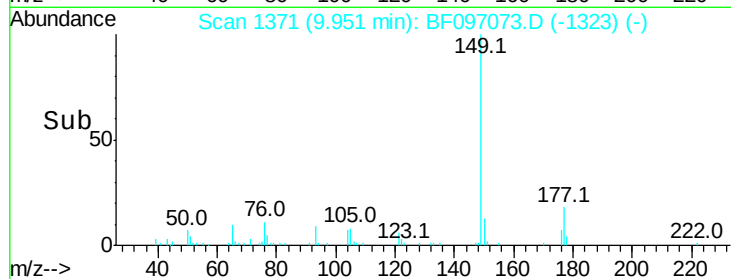
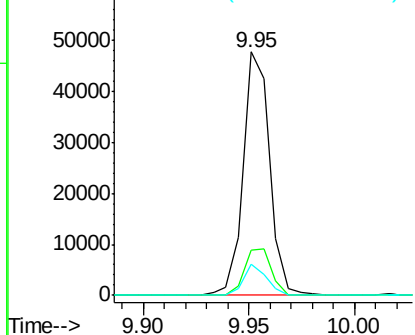
#59
Diethylphthalate
Concen: 2.561 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 41289
Ion Ratio Lower Upper
149 100
177 18.4 16.7 25.1
150 12.8 10.2 15.2

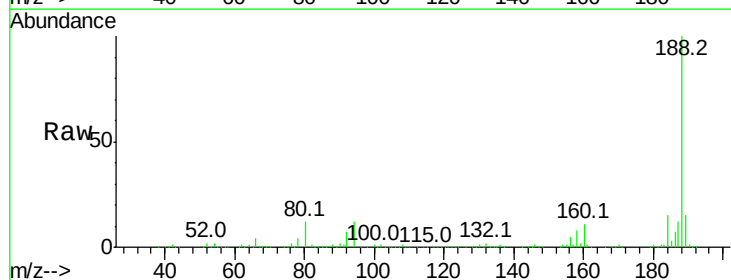


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

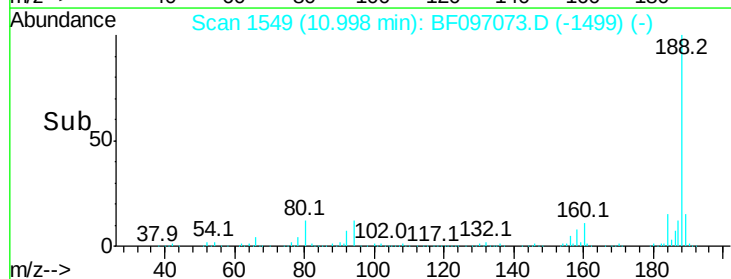
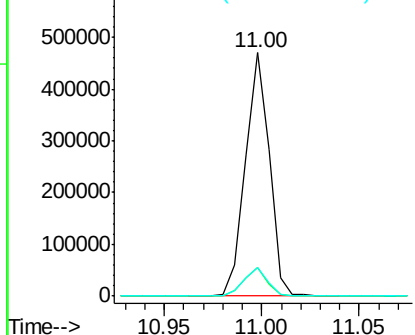


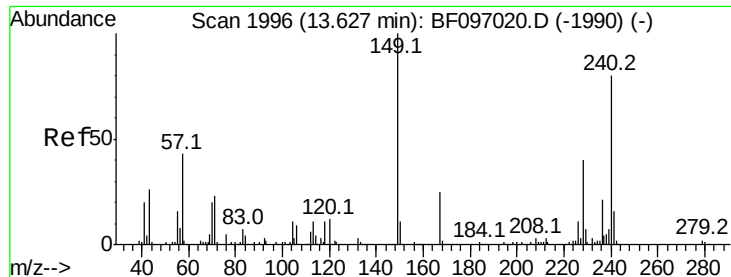
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Tgt Ion:188 Resp: 401575
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.9 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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

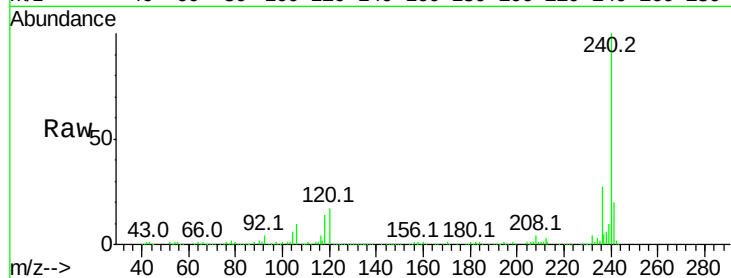
Tot Ion:240 Resp: 296421

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

236 26.6 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

13.62

300000

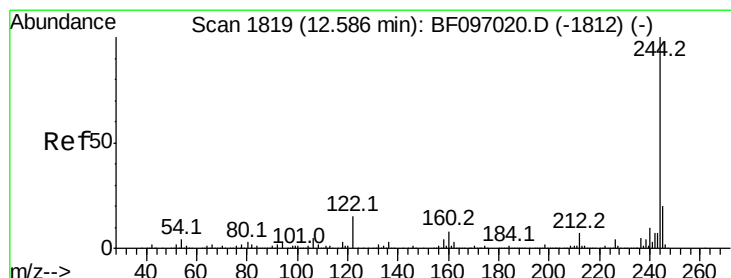
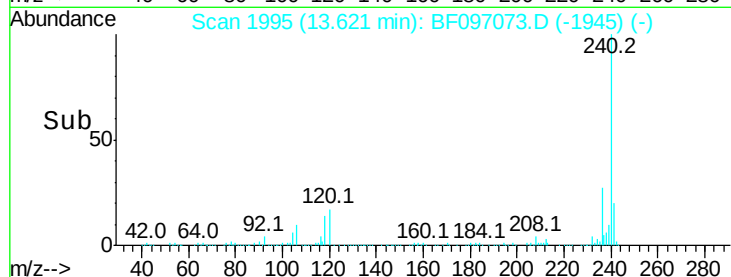
200000

100000

0

13.60 13.70

Time-->



#78

Terphenyl-d14

Concen: 8.923 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

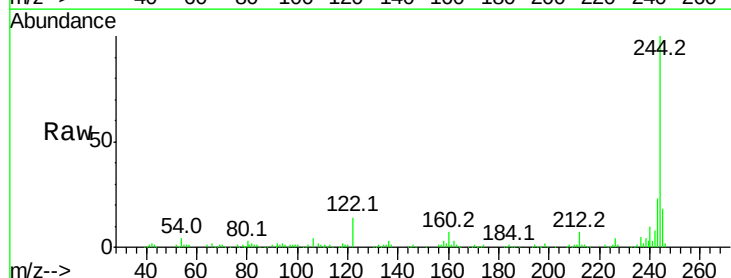
Tgt Ion:244 Resp: 129724

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.5 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

12.58

200000

150000

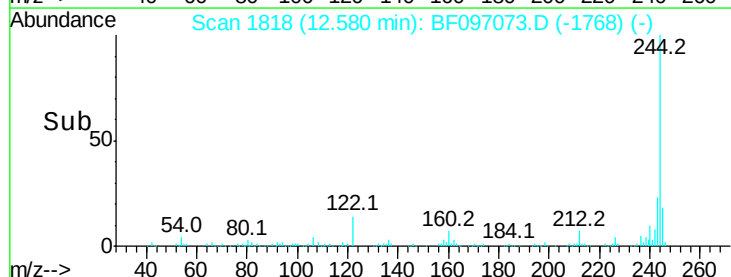
100000

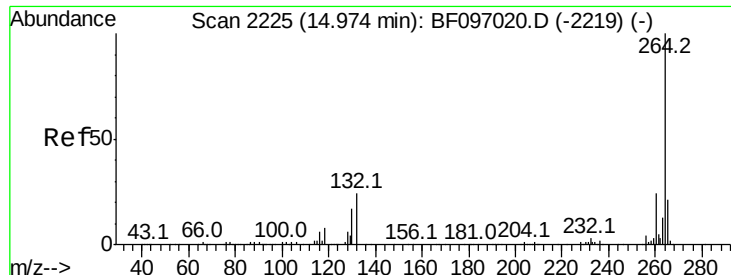
50000

0

12.55 12.60 12.65

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8

