

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097111.D
 Acq On : 27 Jul 2017 8:07
 Operator : SJ/JU
 Sample : I4443-10 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 10:12:00 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

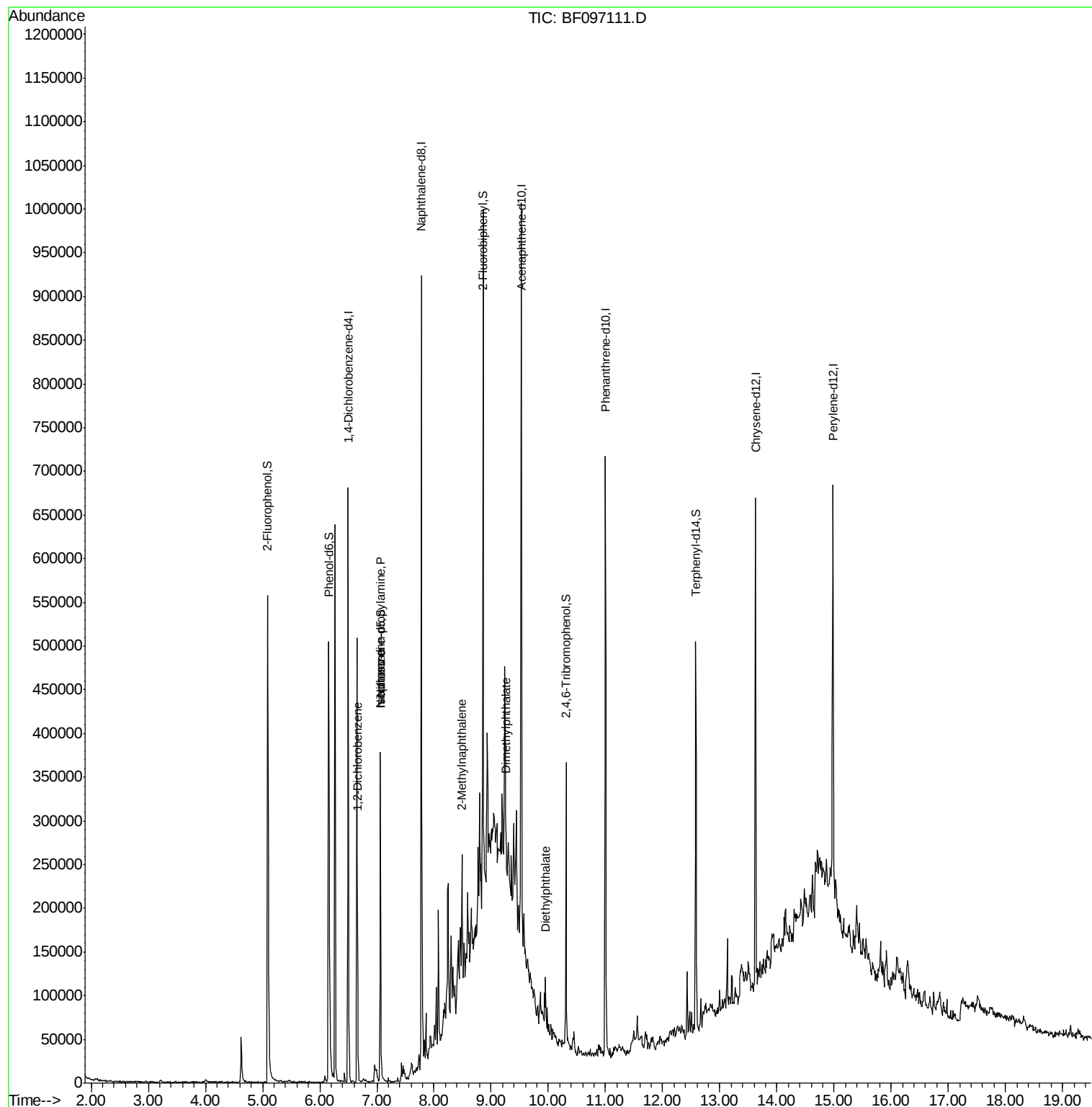
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102097	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	395848	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	163773	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	222757	20.00	ng	0.00
75) Chrysene-d12	13.63	240	195764	20.00	ng	0.00
86) Perylene-d12	14.98	264	181068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	192636	28.44	ng	-0.01
7) Phenol-d6	6.16	99	216986	28.06	ng	-0.01
23) Nitrobenzene-d5	7.06	82	111974	16.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	29960	23.15	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	215127	22.29	ng	-0.01
78) Terphenyl-d14	12.58	244	118484	12.34	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.66	146	27261	4.037	ng	99
19) n-Nitroso-di-n-propylamine	7.06	70	15088	2.965	ng	# 86
25) Isophorone	7.06	82	111469	8.435	ng	# 67
37) 2-Methylnaphthalene	8.49	142	31927	2.702	ng	97
49) Dimethylphthalate	9.26	163	26007	2.091	ng	98
59) Diethylphthalate	9.96	149	23532	2.062	ng	98

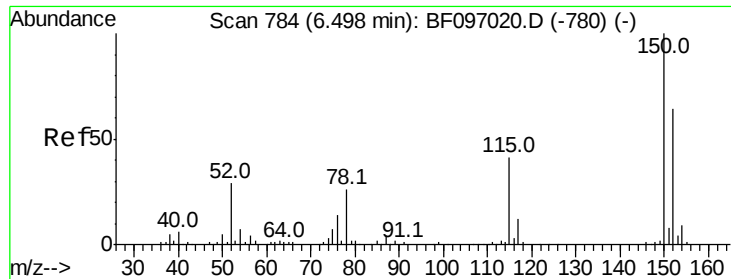
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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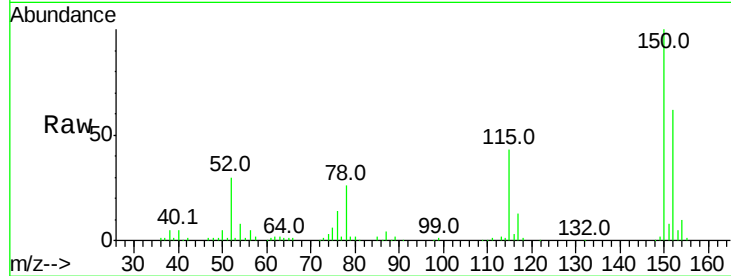


#1

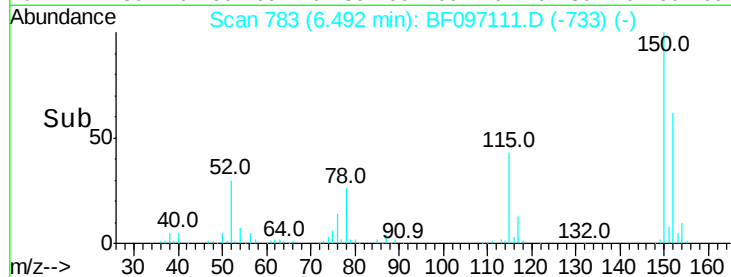
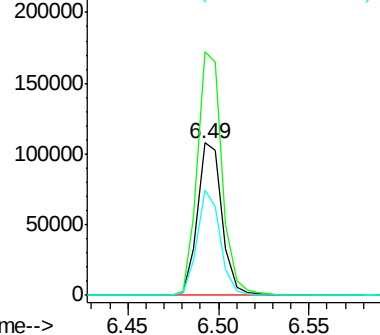
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102097
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 69.5 52.2 78.2



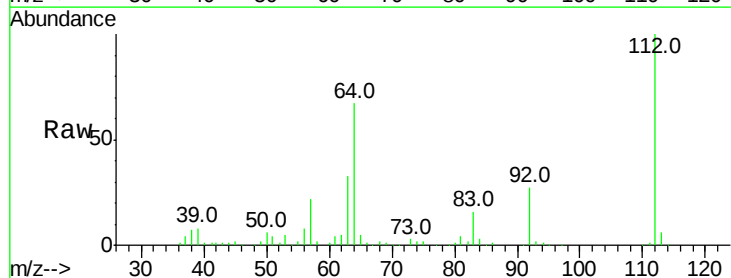
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



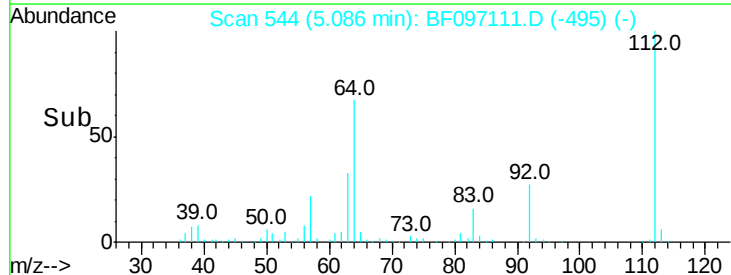
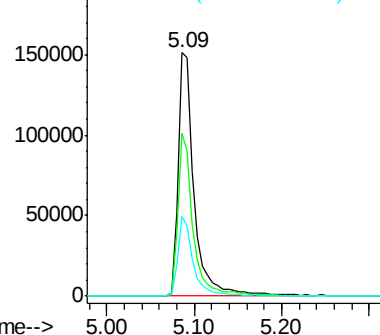
#5

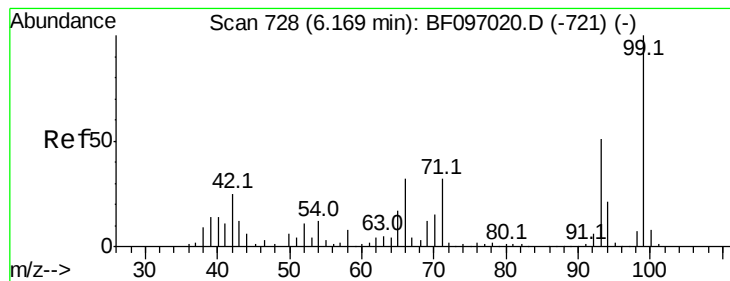
2-Fluorophenol
Concen: 28.443 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Tgt Ion:112 Resp: 192636
Ion Ratio Lower Upper
112 100
64 67.1 46.0 69.0
63 33.0 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: 28.064 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampled :

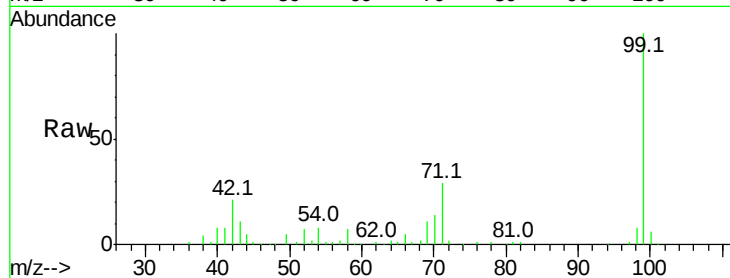
Tot Ion: 99 Resp: 216986

Ion Ratio Lower Upper

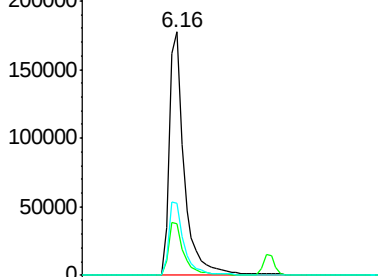
99 100

42 21.0 13.5 20.3#

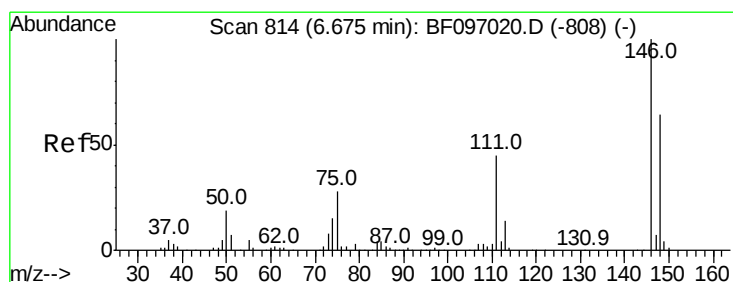
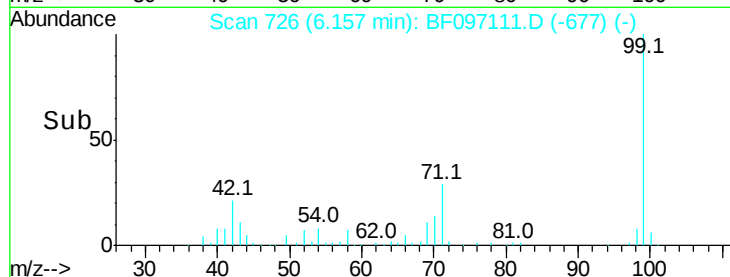
71 29.4 24.5 36.7



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



Time-->



#14

1,2-Dichlorobenzene

Concen: 4.037 ng

RT: 6.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

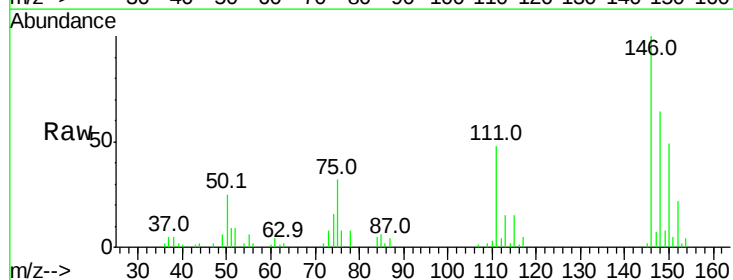
Tgt Ion: 146 Resp: 27261

Ion Ratio Lower Upper

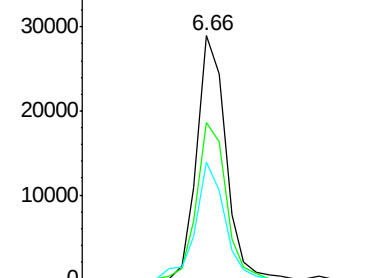
146 100

148 64.2 50.4 75.6

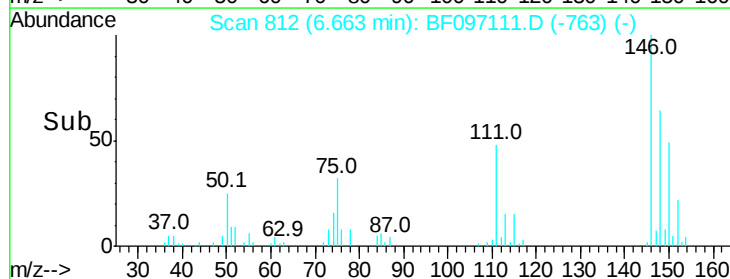
111 47.9 38.2 57.4

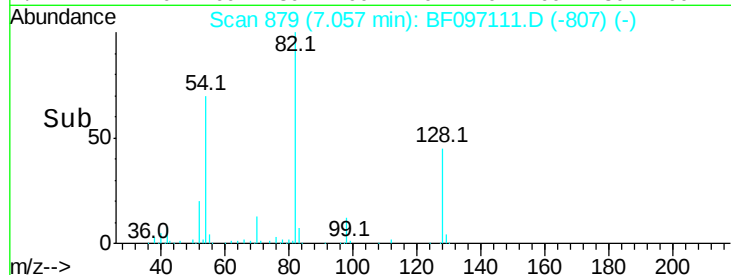
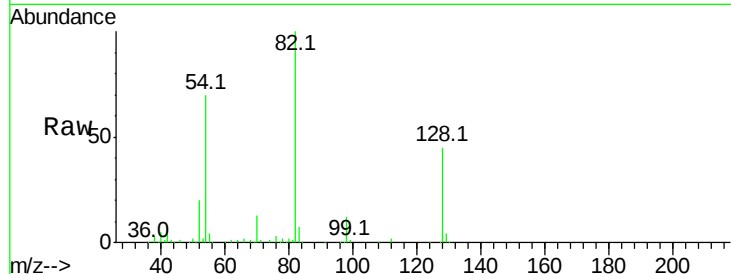
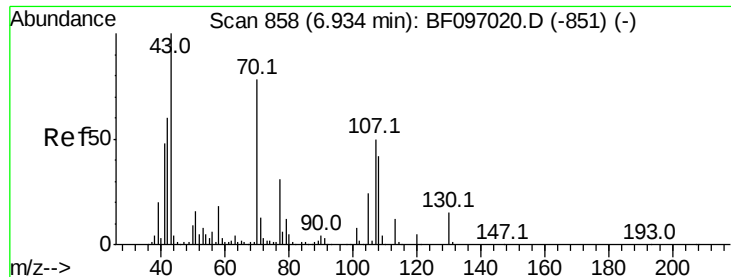


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->

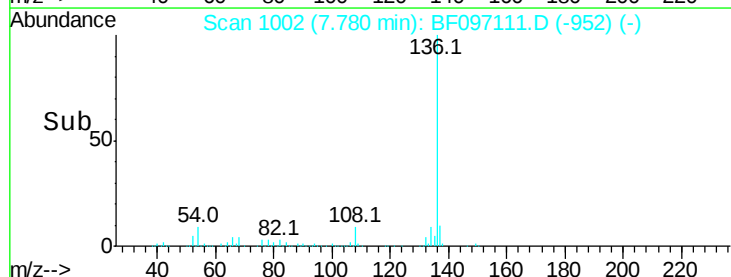
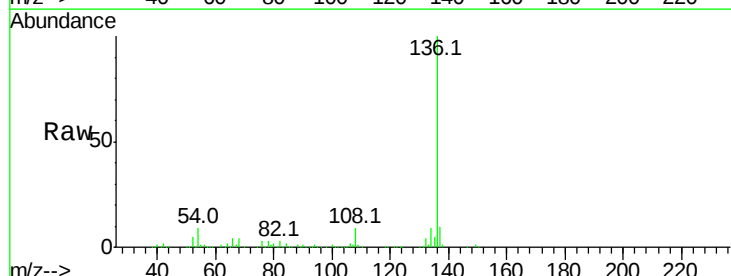
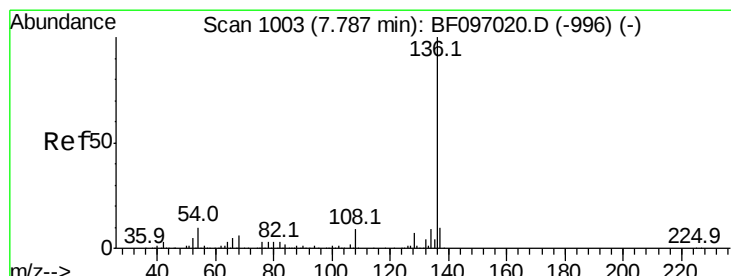
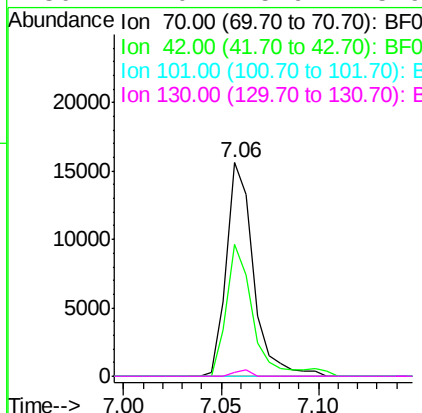




#19
n-Nitroso-di-n-propylamine
Concen: 2.965 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

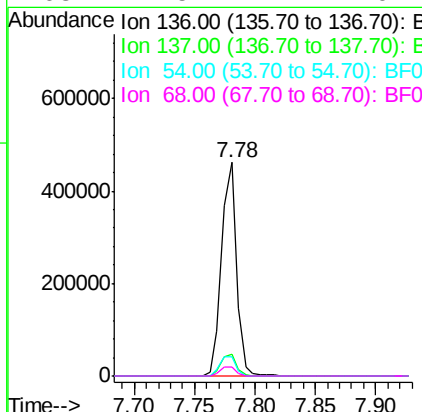
Instrument :
BNA_F
ClientSampled :

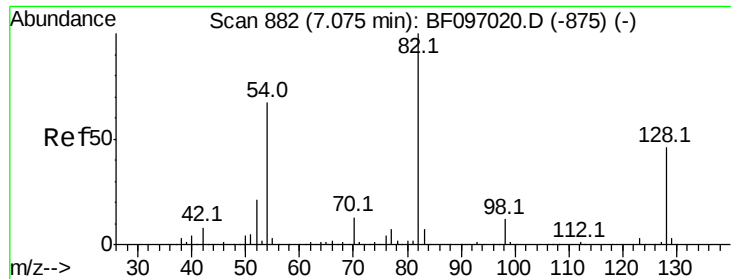
Tot Ion: 70 Resp: 15088
Ion Ratio Lower Upper
70 100
42 61.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Tgt Ion:136 Resp: 395848
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.0 4.9 7.3#
68 4.5 4.1 6.1

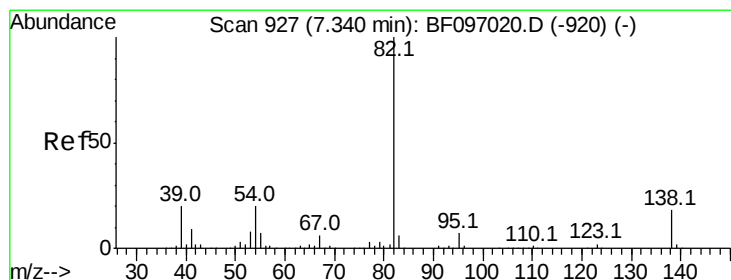
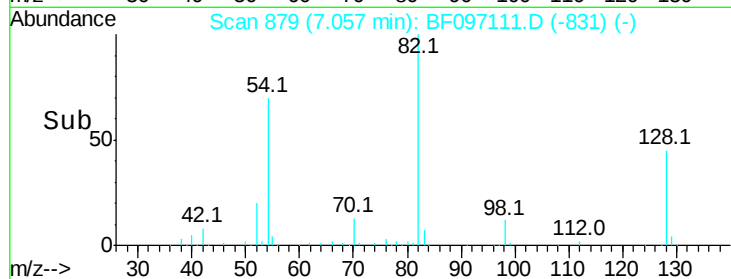
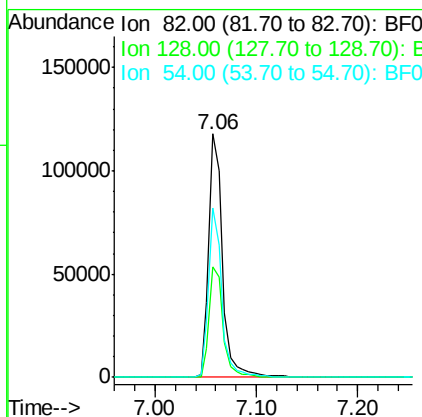
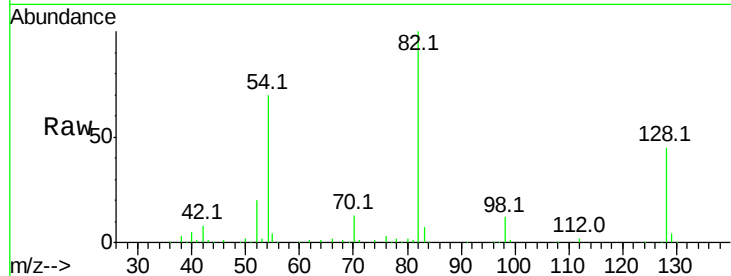




#23
 Nitrobenzene-d5
 Concen: 16.594 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

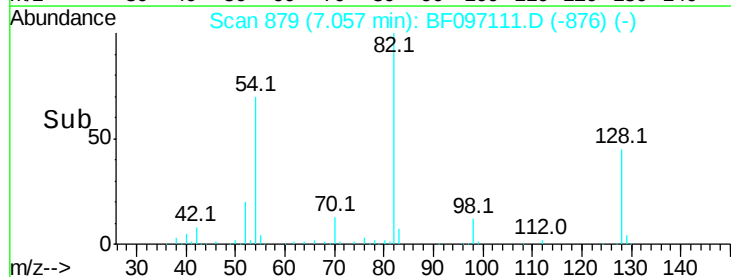
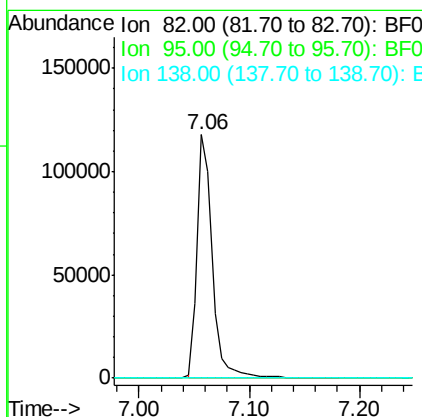
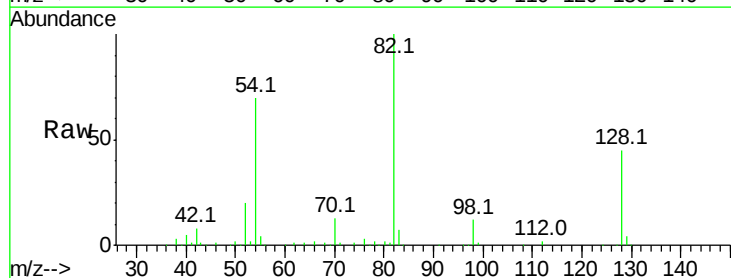
Instrument :
 BNA_F
 ClientSampleId :

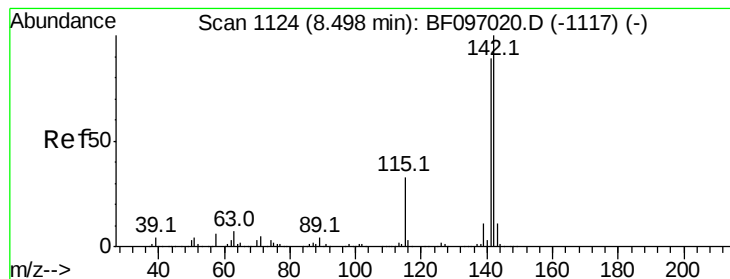
Tot Ion	82	Resp	111974
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.0	51.0
54	69.5	42.2	63.2#



#25
 Isophorone
 Concen: 8.435 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion	82	Resp	111469
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

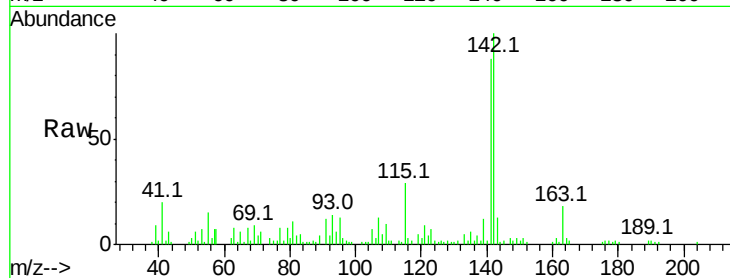




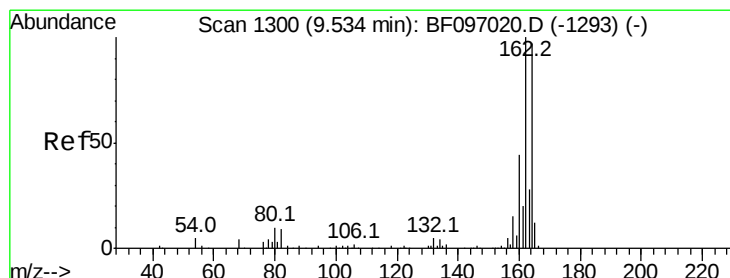
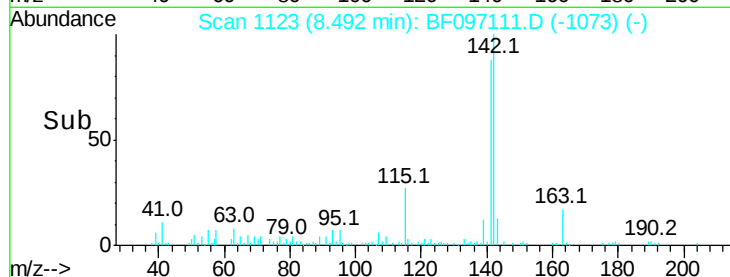
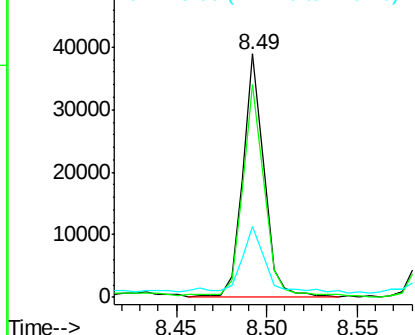
#37
 2-Methylnaphthalene
 Concen: 2.702 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 31927
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.3 106.9
 115 29.3 27.1 40.7

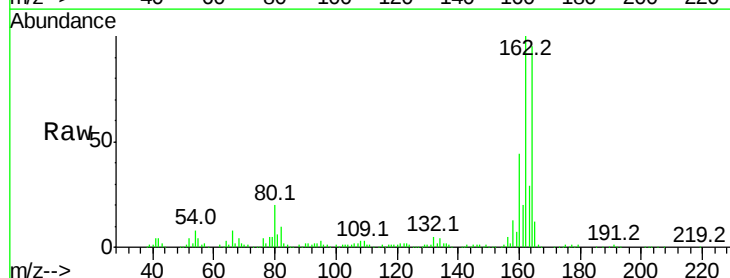


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

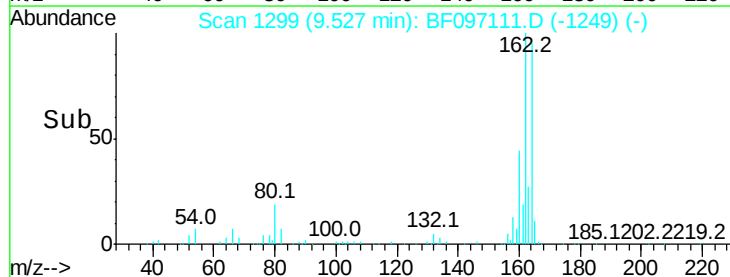
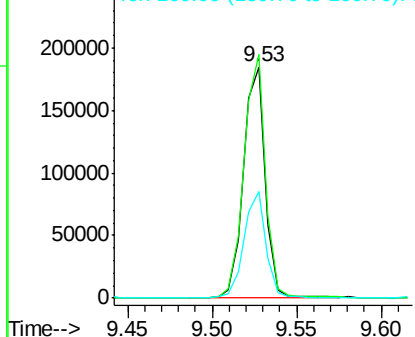


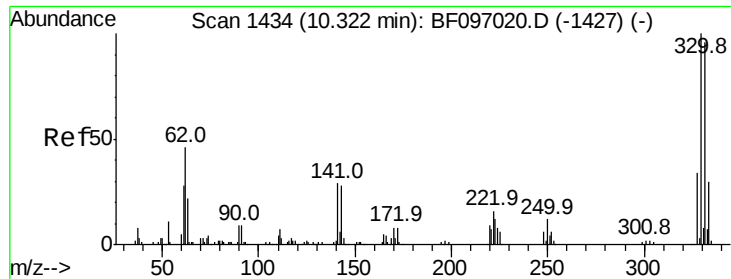
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion:164 Resp: 163773
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 45.9 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

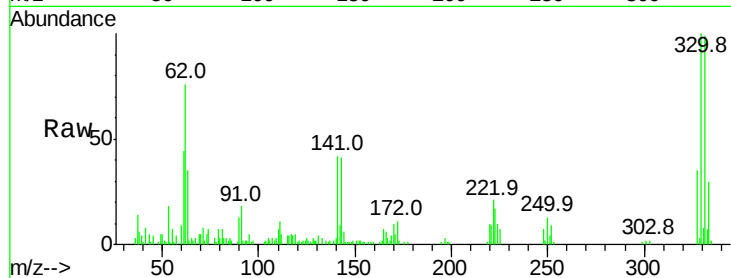




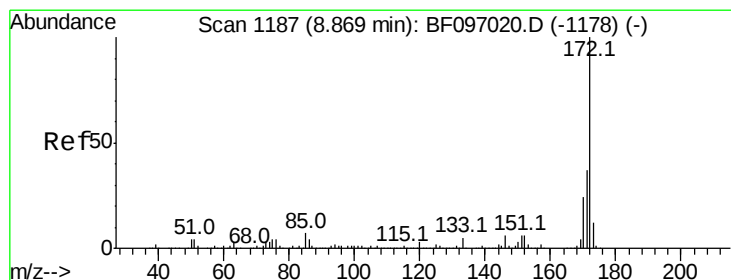
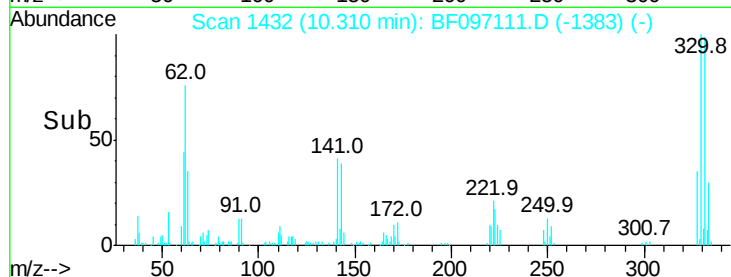
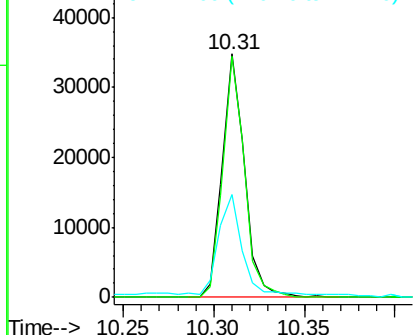
#41
 2,4,6-Tribromophenol
 Concen: 23.154 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 29960
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 50.3 31.4 47.2#

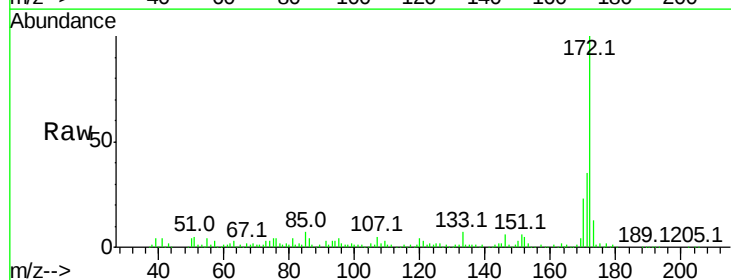


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

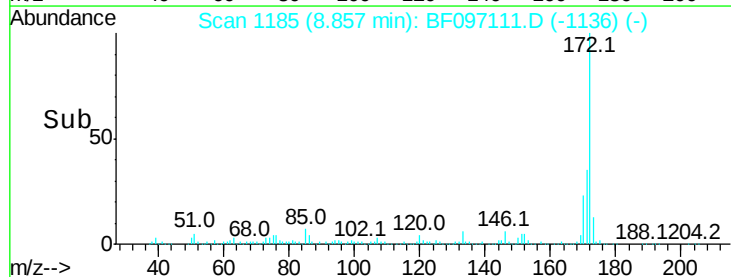
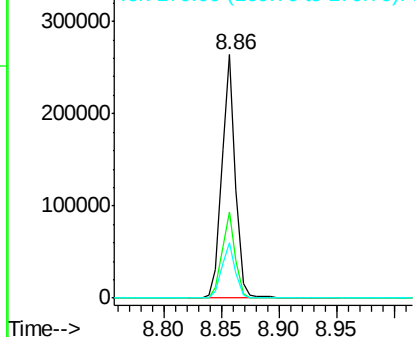


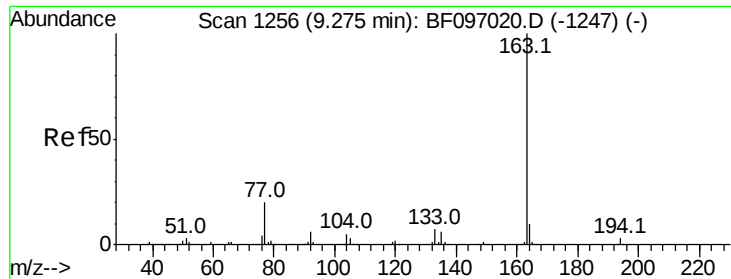
#44
 2-Fluorobiphenyl
 Concen: 22.293 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion:172 Resp: 215127
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.7 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

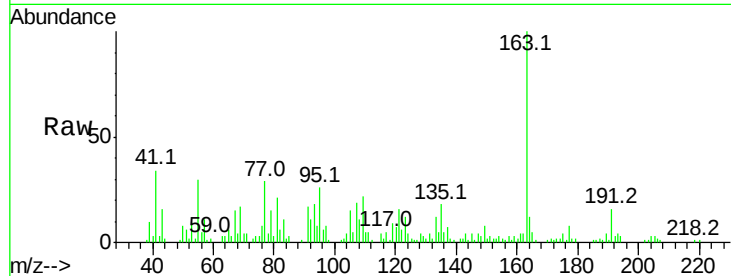




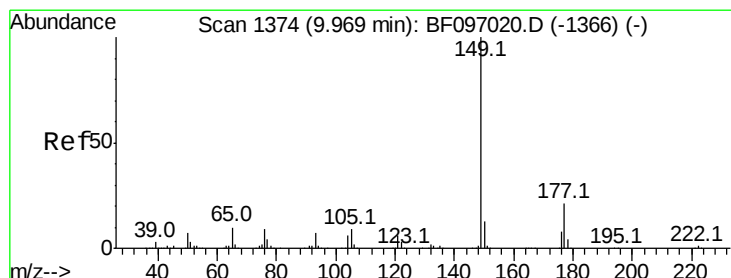
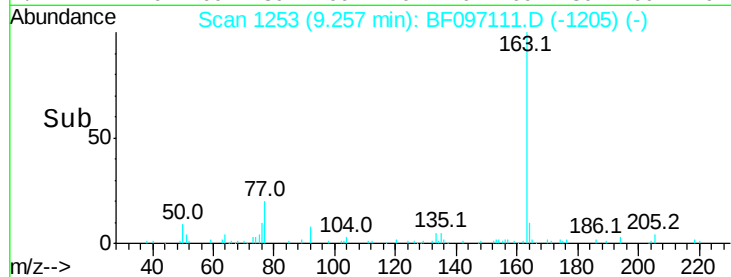
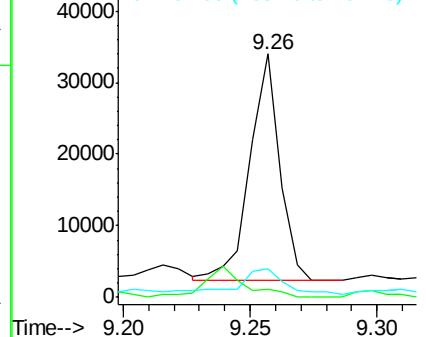
#49
Dimethylphthalate
Concen: 2.091 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 26007
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.6 8.4 12.6

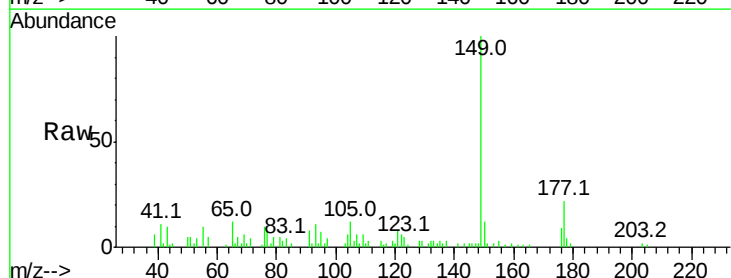


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

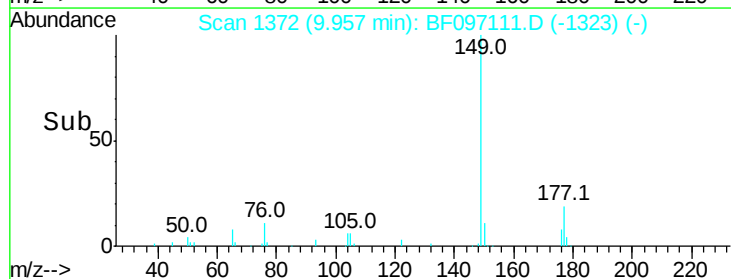
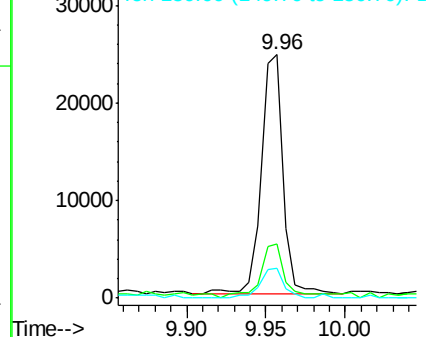


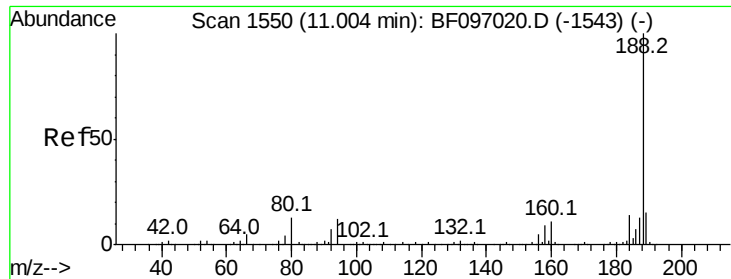
#59
Diethylphthalate
Concen: 2.062 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Tgt Ion:149 Resp: 23532
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.3 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

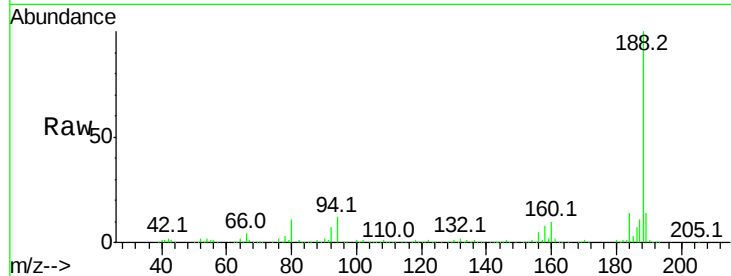




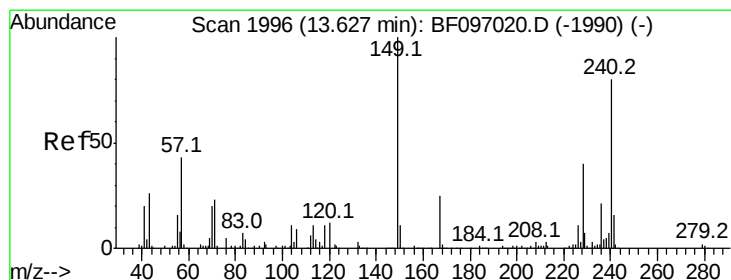
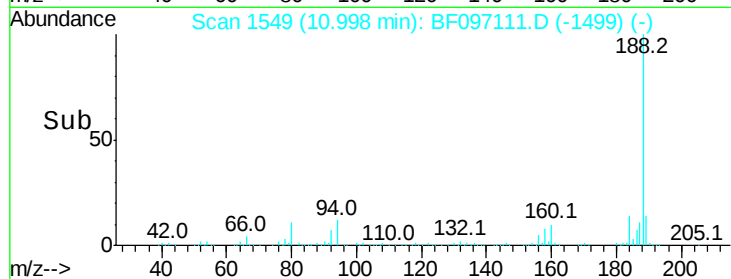
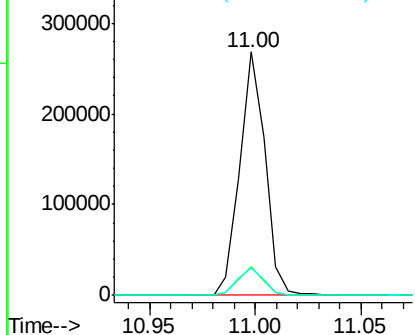
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 222757
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.3 10.2 15.2

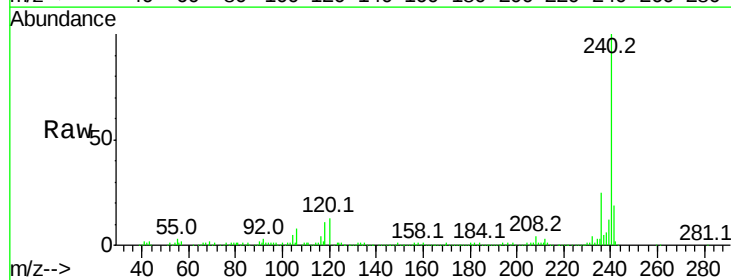


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

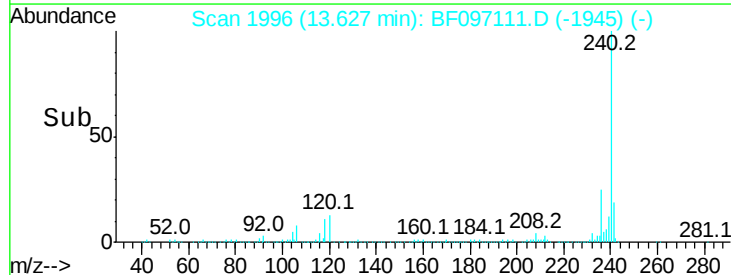
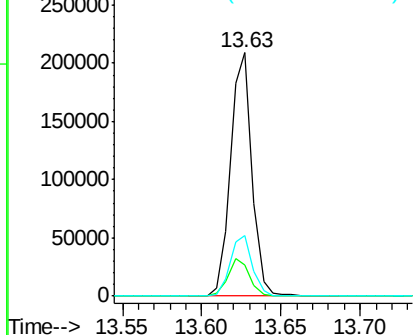


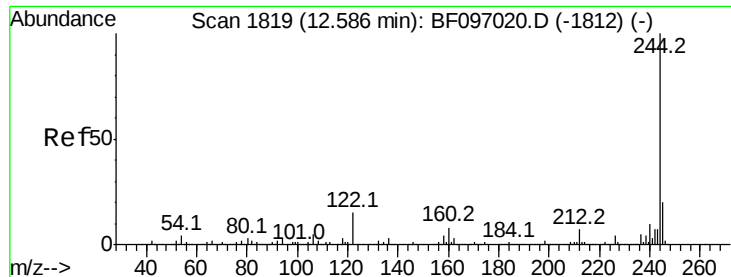
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.63 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion:240 Resp: 195764
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.1 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: 12.340 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampleId :

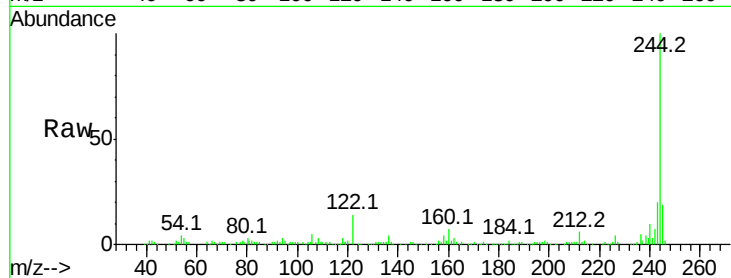
Tot Ion:244 Resp: 118484

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

122 13.9 10.3 15.5

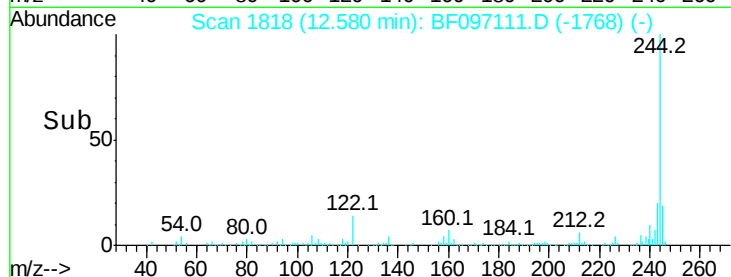


Abundance Ion 244.00 (243.70 to 244.70): E

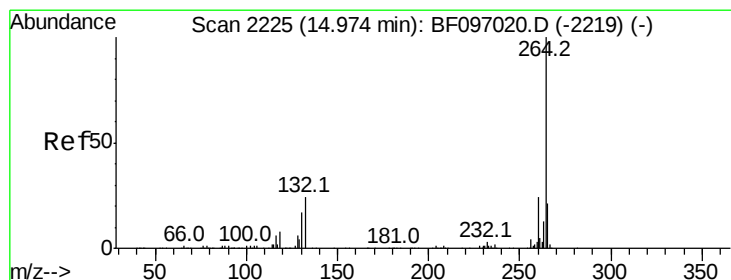
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.58



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

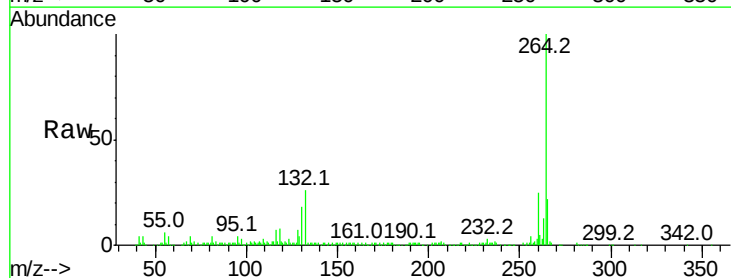
Tgt Ion:264 Resp: 181068

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.8 17.2 25.8

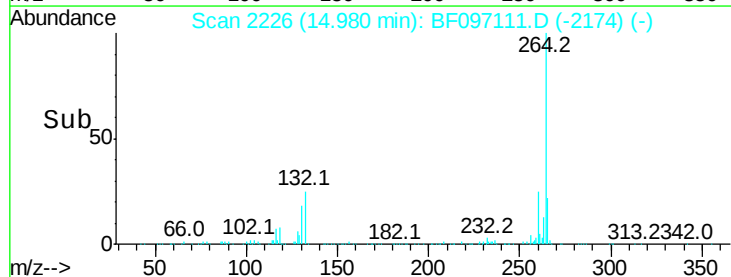


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

14.98



Time-->