

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097303.D
 Acq On : 3 Aug 2017 6:54
 Operator : SJ/JU
 Sample : I4537-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 11:58:24 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

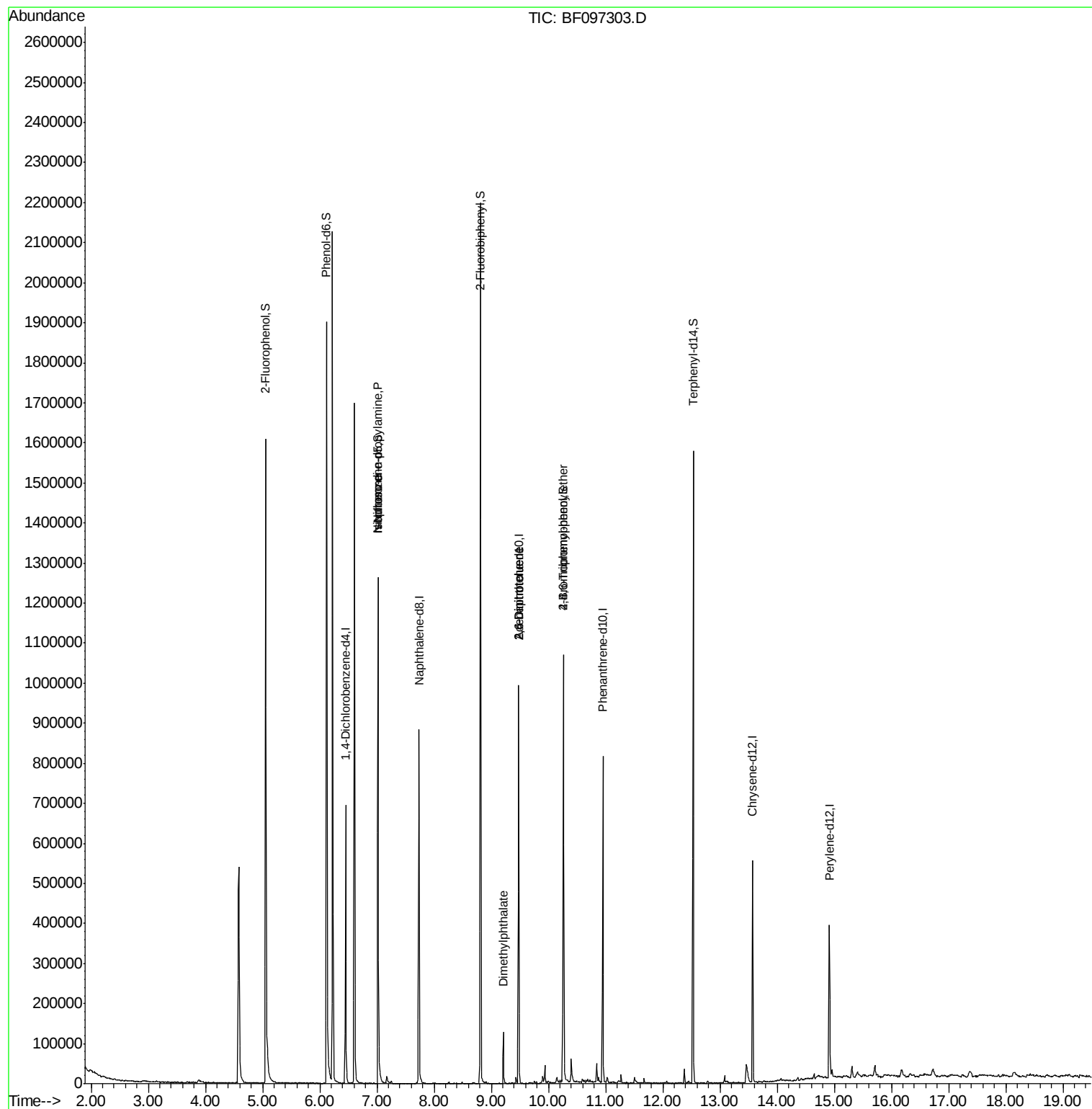
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	106872	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	402676	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	193143	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	299195	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	186704	20.00	ng	-0.06
86) Perylene-d12	14.92	264	153687	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	510149	71.96	ng	-0.05
7) Phenol-d6	6.12	99	716161	88.49	ng	-0.05
23) Nitrobenzene-d5	7.02	82	427411	62.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	116638	76.43	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	676074	59.40	ng	-0.06
78) Terphenyl-d14	12.53	244	485364	53.00	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	55962	10.505	ng	# 87
25) Isophorone	7.02	82	412795	30.708	ng	# 67
49) Dimethylphthalate	9.21	163	51589	3.517	ng	# 99
50) 2,6-Dinitrotoluene	9.47	165	24225	7.787	ng	# 34
56) 2,4-Dinitrotoluene	9.47	165	24225	6.774	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	6883	2.305	ng	# 1

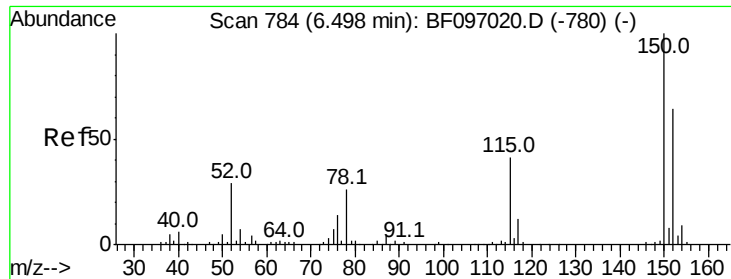
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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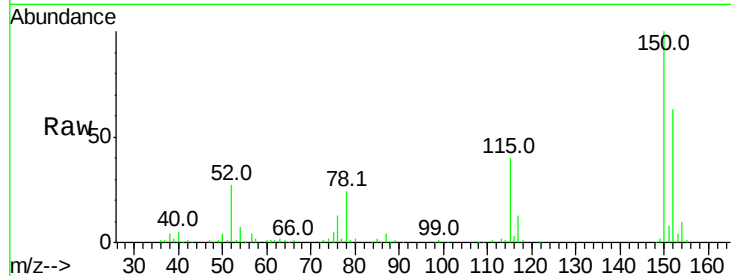


#1

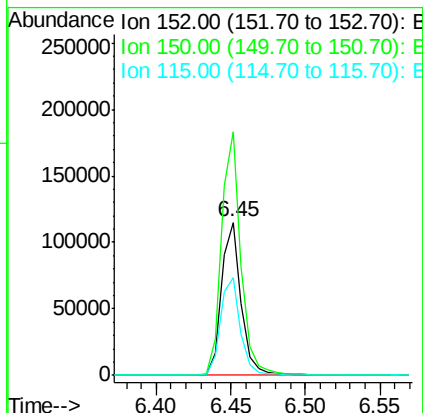
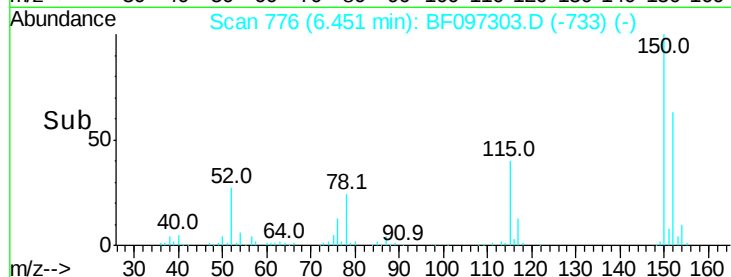
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097303.D
Acq: 3 Aug 2017 6:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106872
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 63.5 52.2 78.2



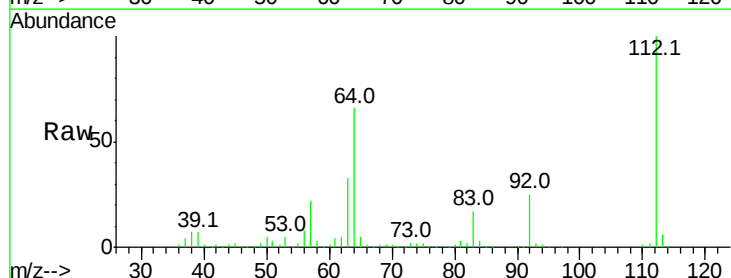
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



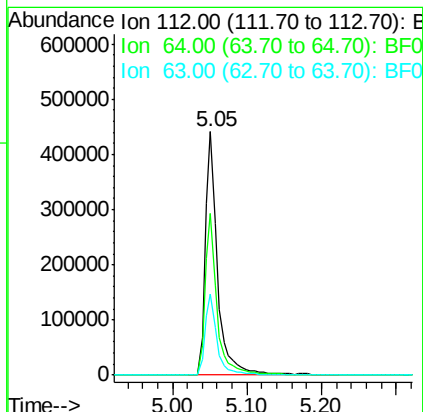
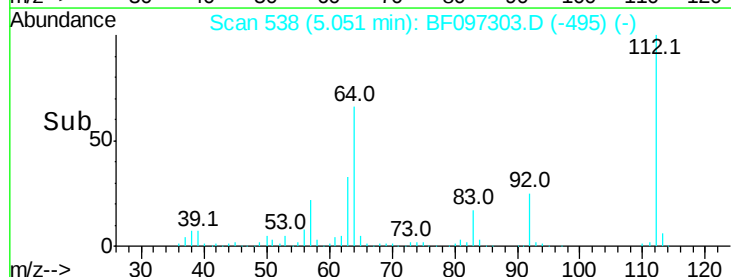
#5

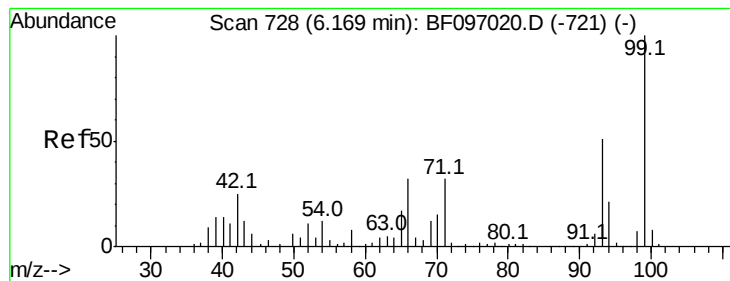
2-Fluorophenol
Concen: 71.959 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097303.D
Acq: 3 Aug 2017 6:54

Tgt Ion:112 Resp: 510149
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 33.4 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: 88.487 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

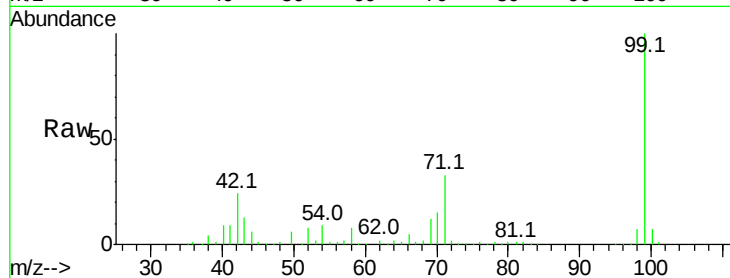
Tot Ion: 99 Resp: 716161

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

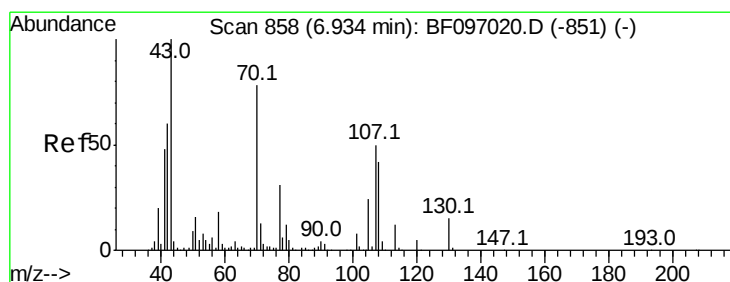
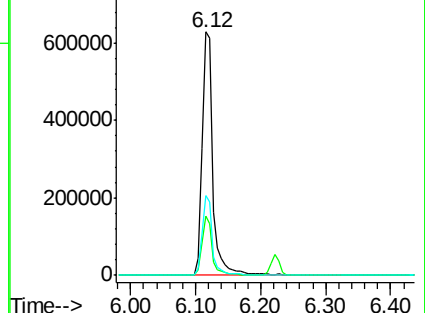
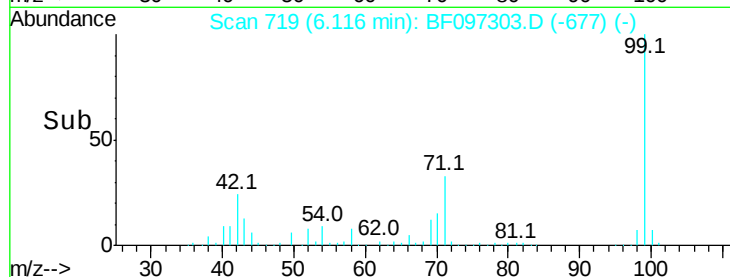
71 32.7 24.5 36.7



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: 10.505 ng

RT: 7.02 min Scan# 872

Delta R.T. 0.08 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

Tgt Ion: 70 Resp: 55962

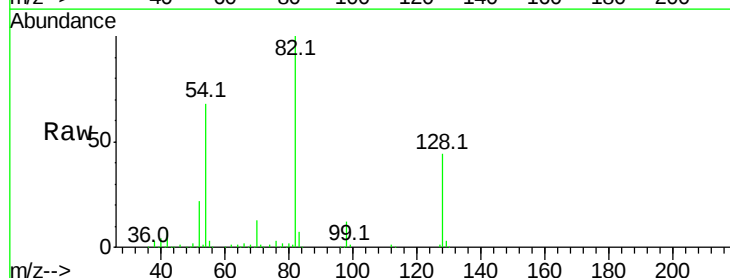
Ion Ratio Lower Upper

70 100

42 61.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

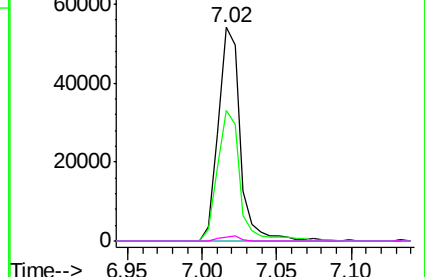
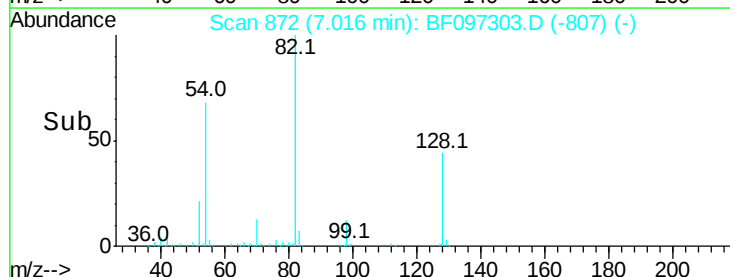


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402676

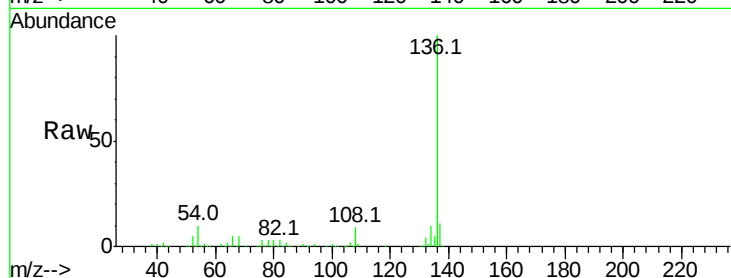
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.6 4.9 7.3#

68 4.6 4.1 6.1

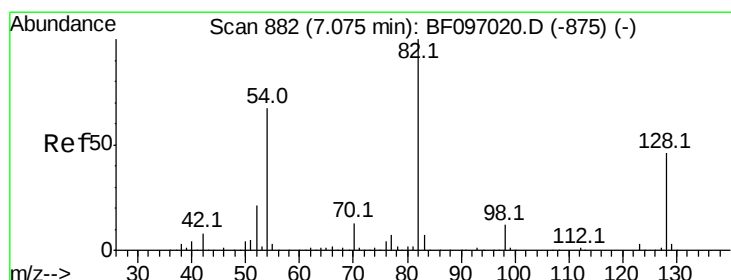
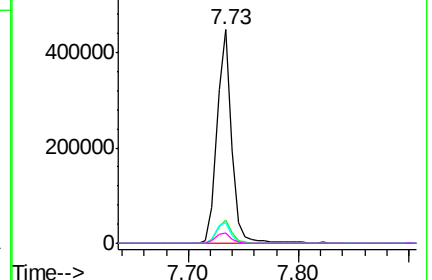
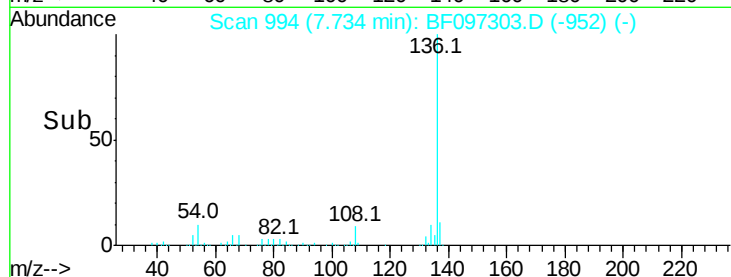


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.268 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.06 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

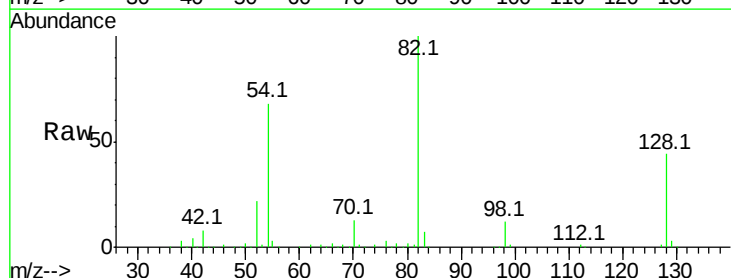
Tgt Ion: 82 Resp: 427411

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

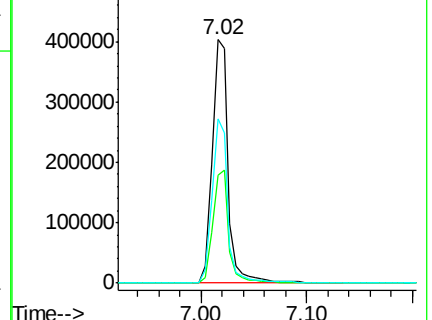
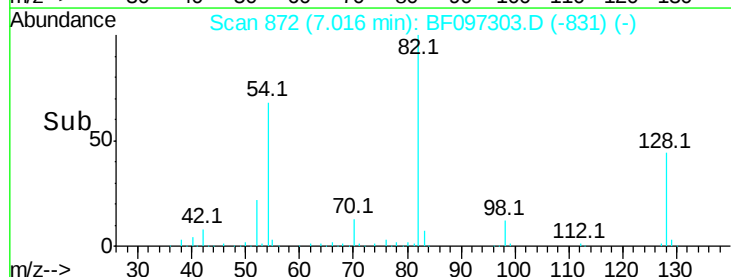
54 67.6 42.2 63.2#

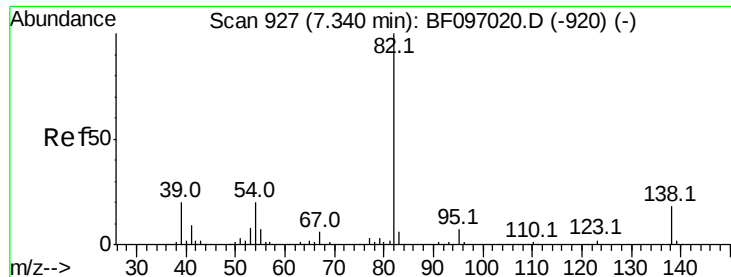


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.708 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.32 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

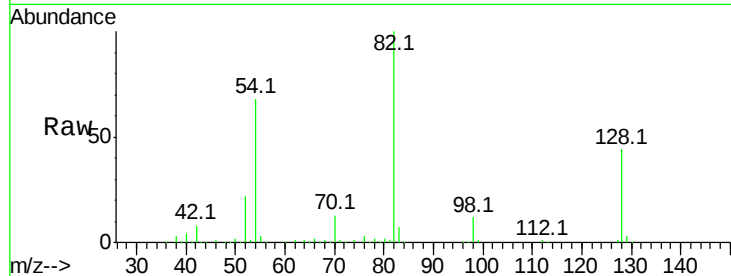
Tot Ion: 82 Resp: 412795

Ion Ratio Lower Upper

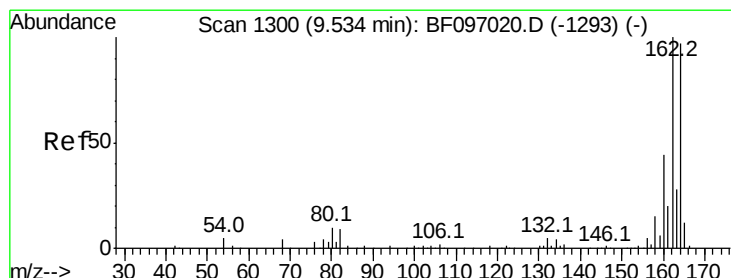
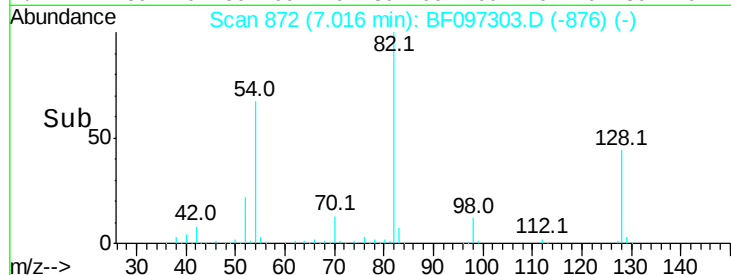
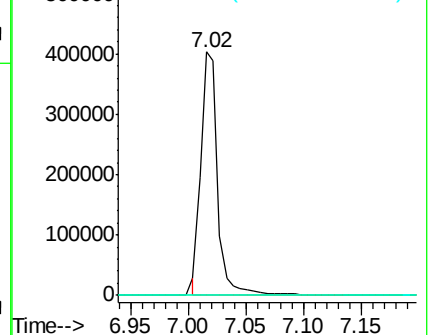
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

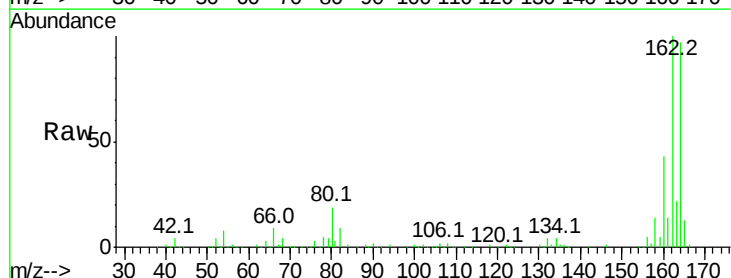
Tgt Ion:164 Resp: 193143

Ion Ratio Lower Upper

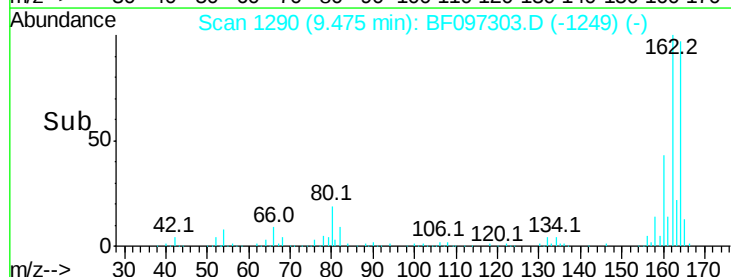
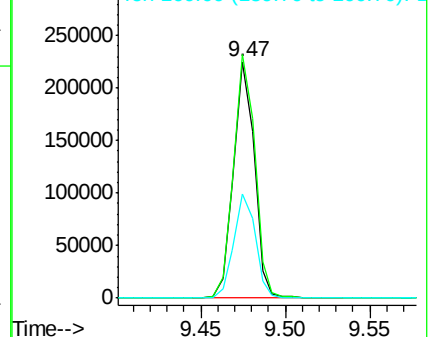
164 100

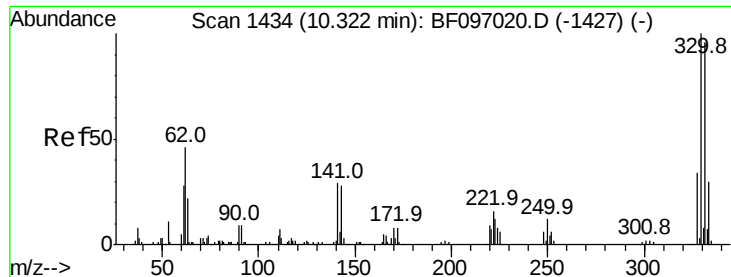
162 103.0 82.6 123.8

160 44.3 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

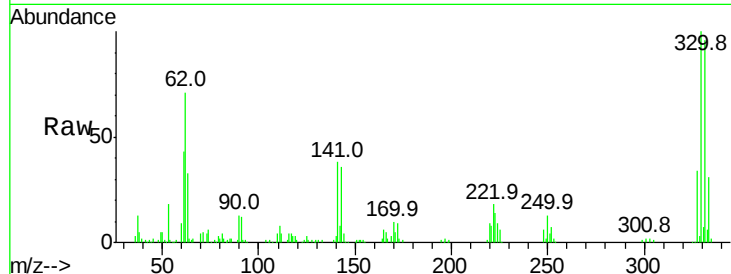




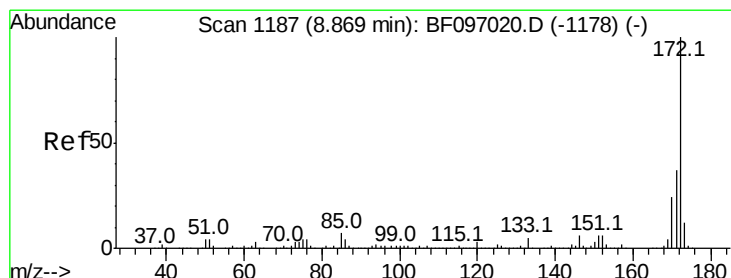
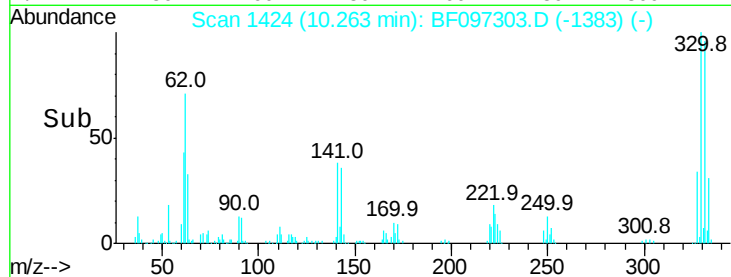
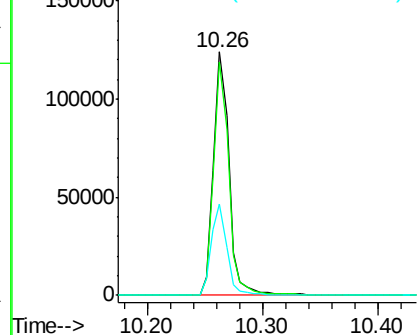
#41
 2,4,6-Tribromophenol
 Concen: 76.433 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	37.8	31.4	47.2

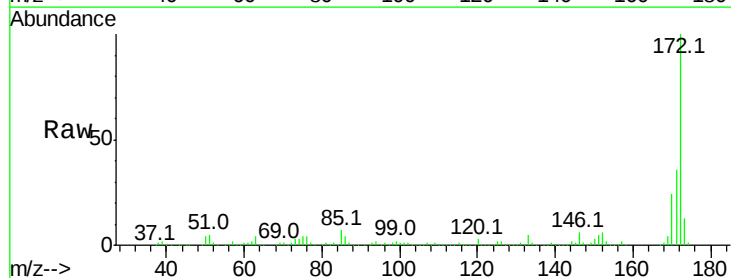


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

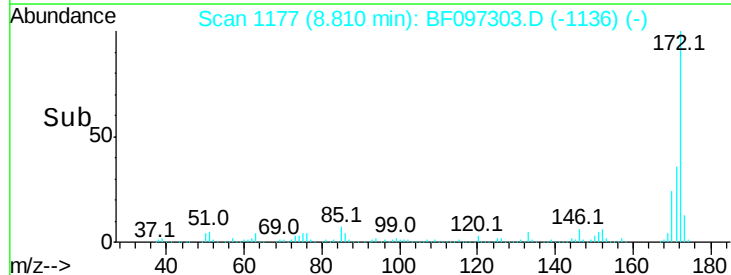
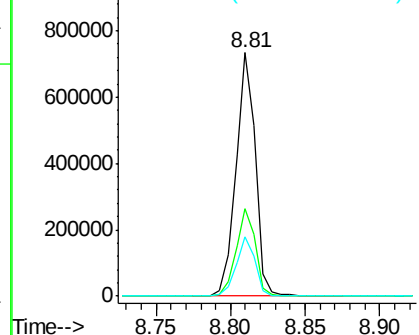


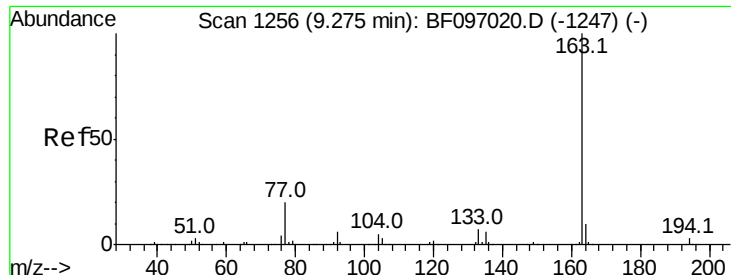
#44
 2-Fluorobiphenyl
 Concen: 59.405 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

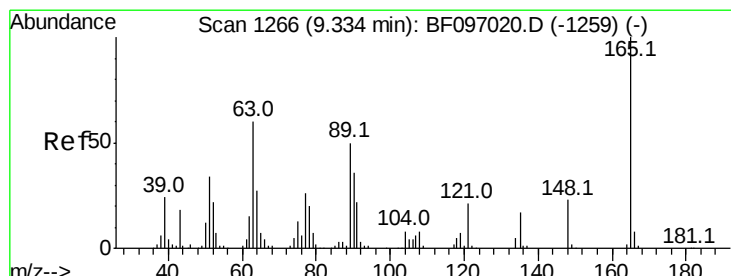
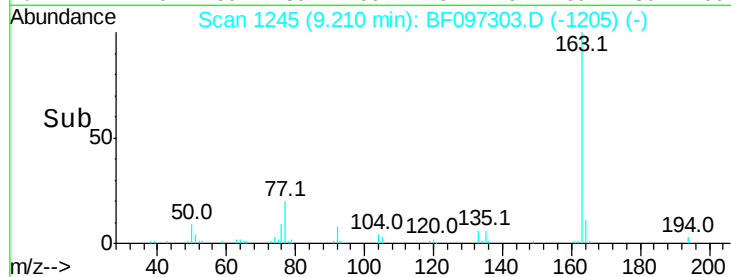
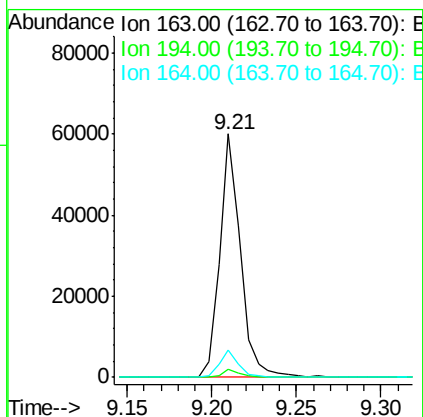
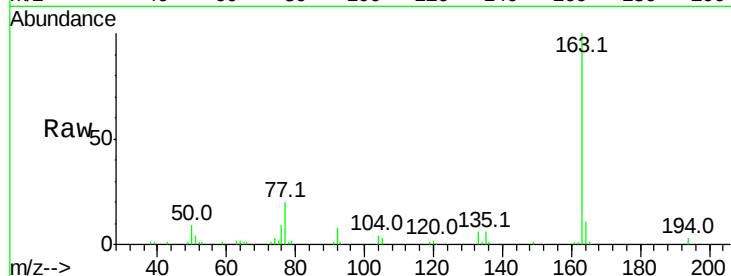




#49
Dimethylphthalate
Concen: 3.517 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097303.D
Acq: 3 Aug 2017 6:54

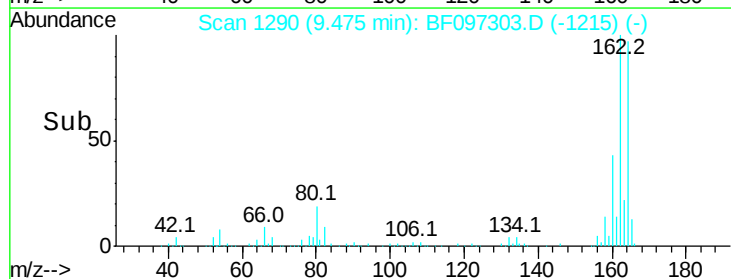
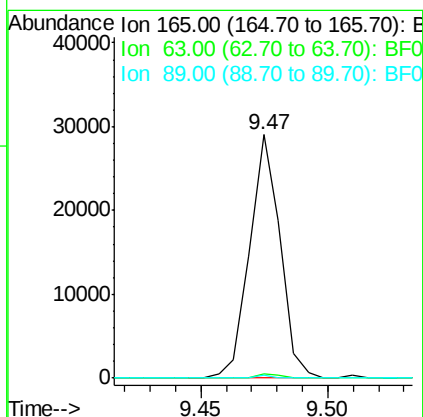
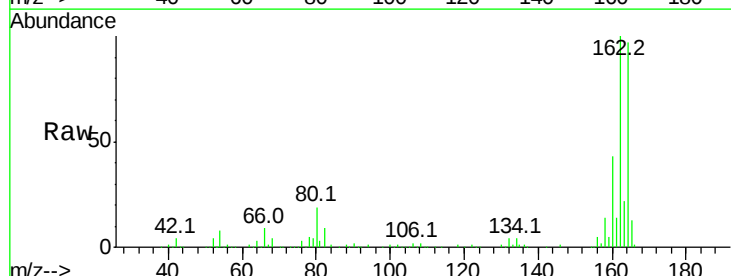
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 51589
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.14 min
Lab File: BF097303.D
Acq: 3 Aug 2017 6:54

Tgt Ion:165 Resp: 24225
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.2 37.1 55.7#

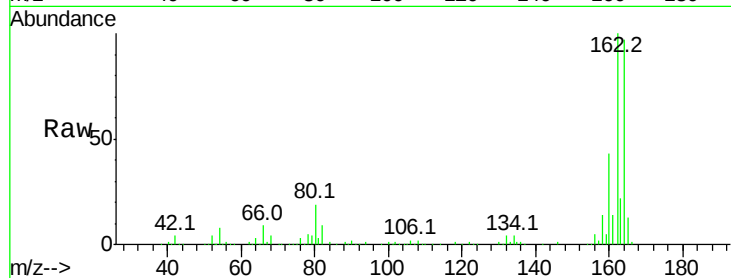




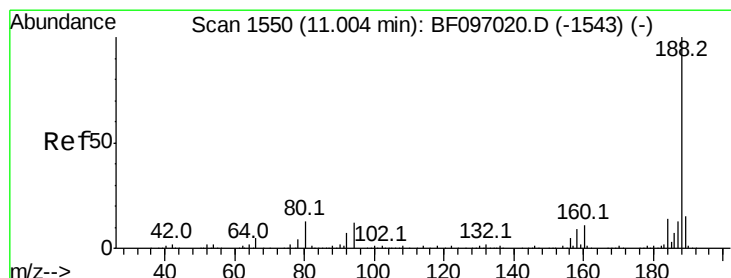
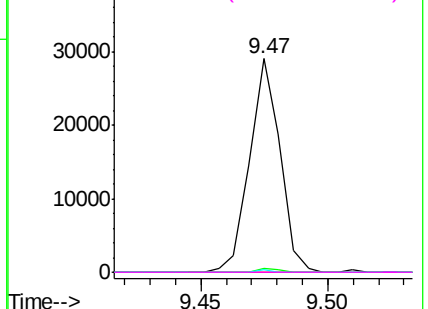
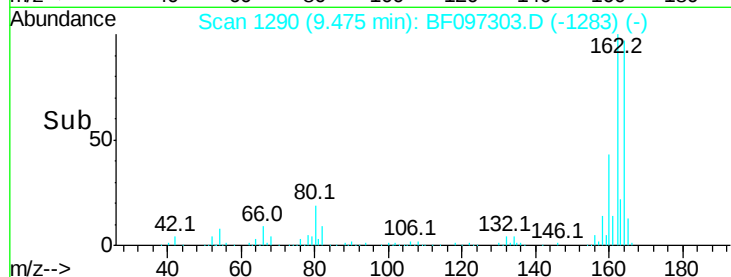
#56
 2,4-Dinitrotoluene
 Concen: 6.774 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24225
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#

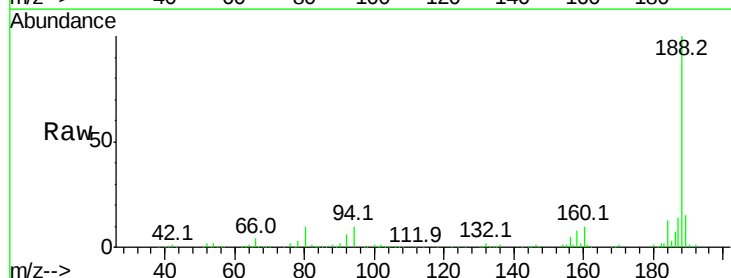


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

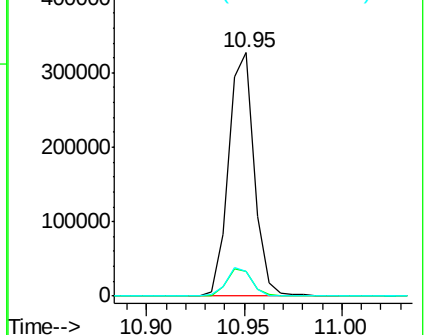
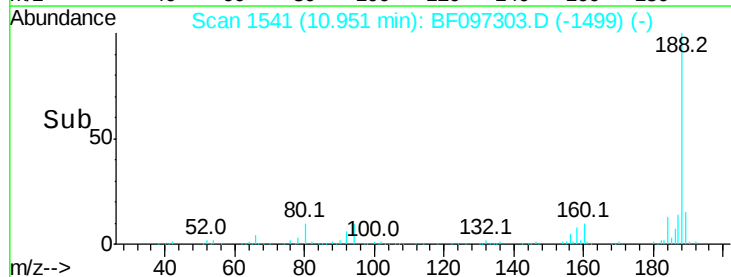


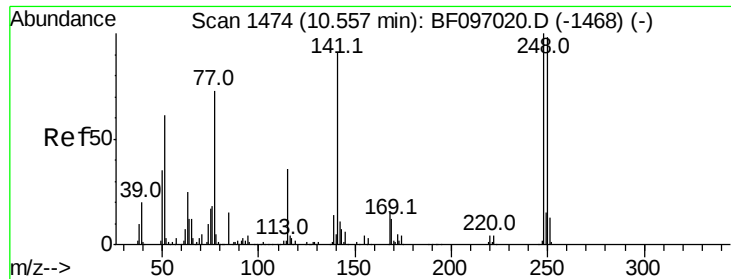
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Tgt Ion:188 Resp: 299195
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.3 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

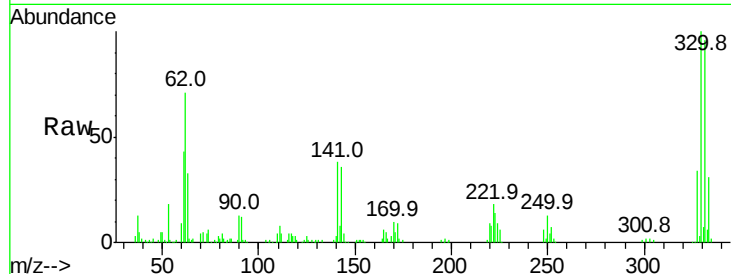




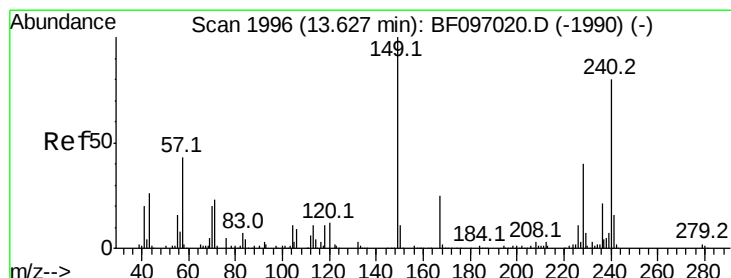
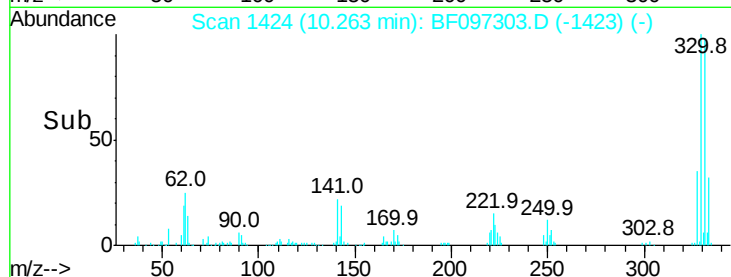
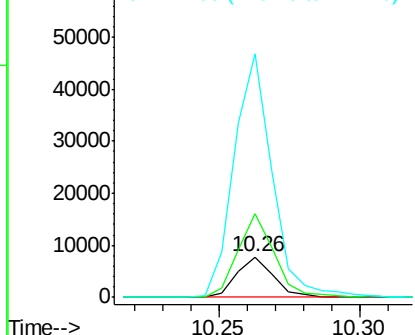
#66
 4-Bromophenyl-phenylether
 Concen: 2.305 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.29 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6883
 Ion Ratio Lower Upper
 248 100
 250 208.6 76.8 115.2#
 141 605.1 68.6 103.0#

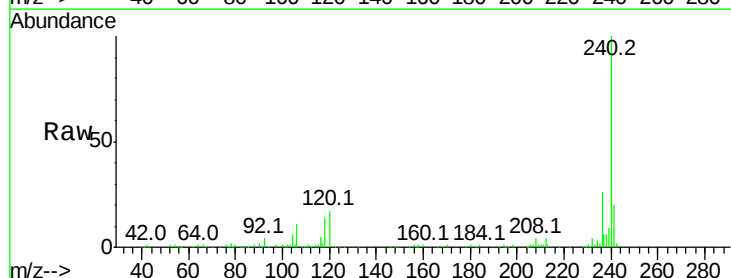


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

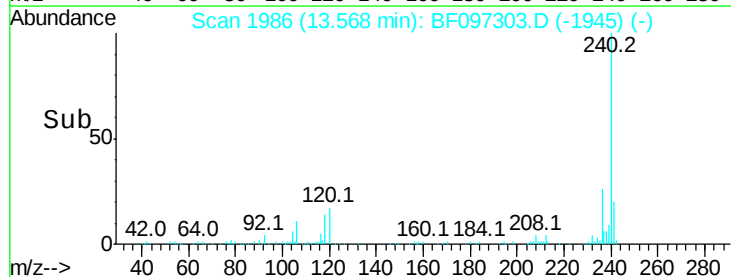
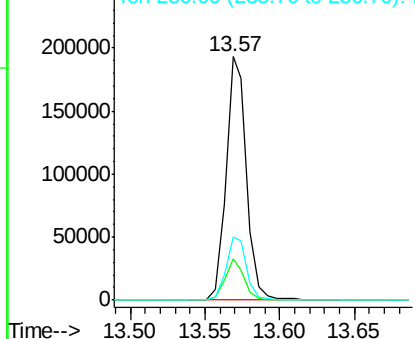


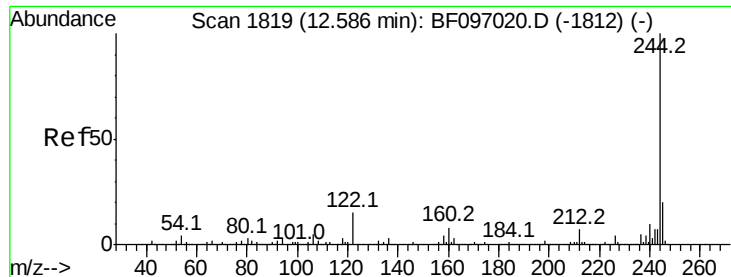
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097303.D
 Acq: 3 Aug 2017 6:54

Tgt Ion:240 Resp: 186704
 Ion Ratio Lower Upper
 240 100
 120 16.8 5.8 8.8#
 236 26.0 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: 53.003 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

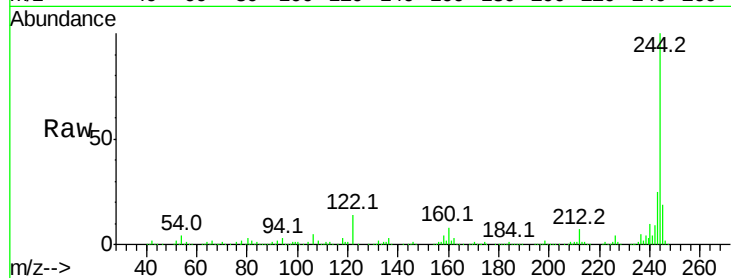
Tot Ion:244 Resp: 485364

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

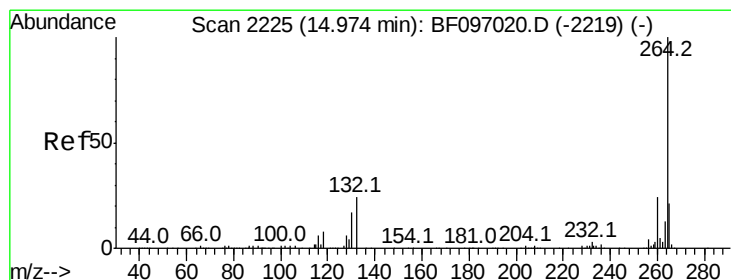
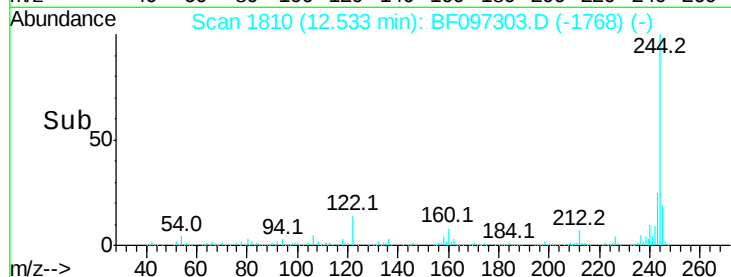
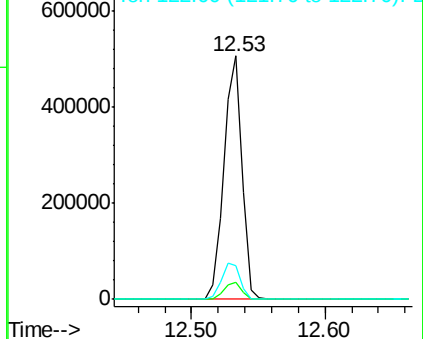
122 14.0 10.3 15.5



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. -0.06 min

Lab File: BF097303.D

Acq: 3 Aug 2017 6:54

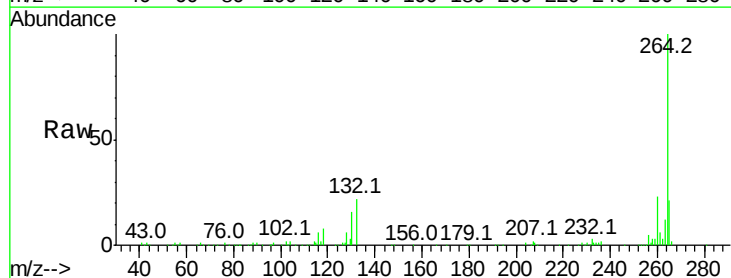
Tgt Ion:264 Resp: 153687

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.0 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

