

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097185.D
 Acq On : 29 Jul 2017 6:20
 Operator : SJ/JU
 Sample : I4472-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072617

Quant Time: Jul 29 07:02:43 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

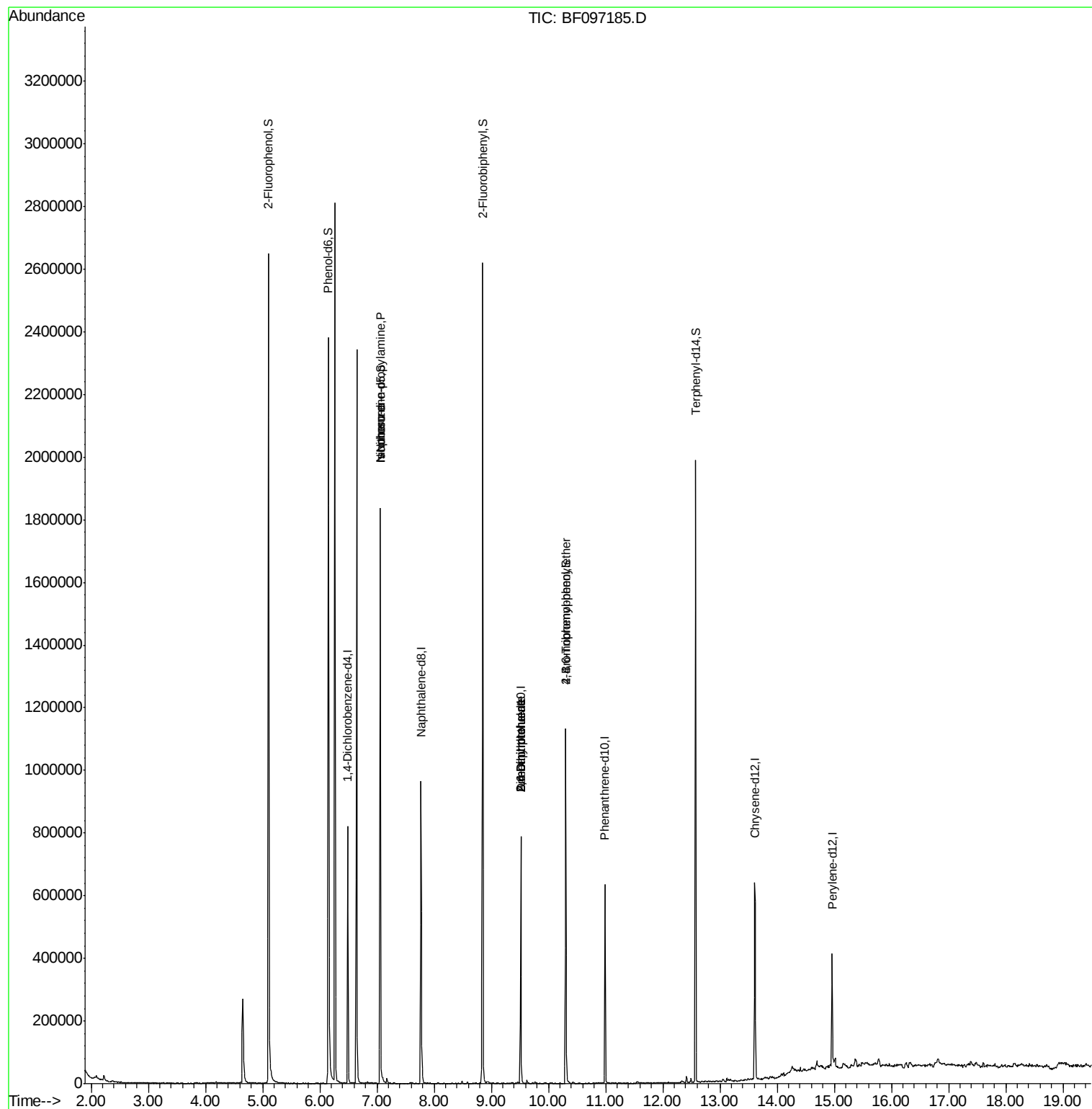
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	112075	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	408560	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	155623	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	220558	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	210688	20.00	ng	-0.02
86) Perylene-d12	14.96	264	135404	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	814111	109.50	ng	0.00
7) Phenol-d6	6.15	99	868872	102.37	ng	-0.02
23) Nitrobenzene-d5	7.06	82	549250	78.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	128008	104.11	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	856411	93.39	ng	-0.02
78) Terphenyl-d14	12.57	244	602206	58.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	74154	13.27	ng	# 88
25) Isophorone	7.06	82	543346	39.84	ng	# 67
49) Dimethylphthalate	9.52	163	47196	3.99	ng	# 1
50) 2,6-Dinitrotoluene	9.52	165	20250	8.08	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	20250	7.03	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	8581	3.90	ng	# 1

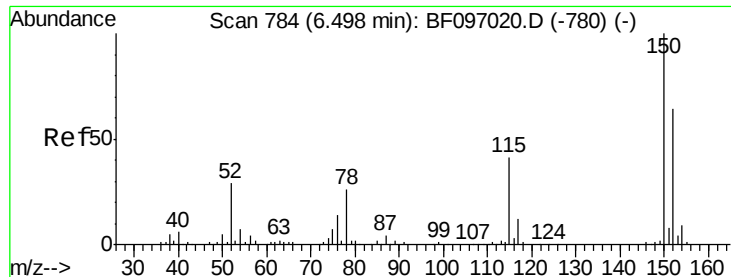
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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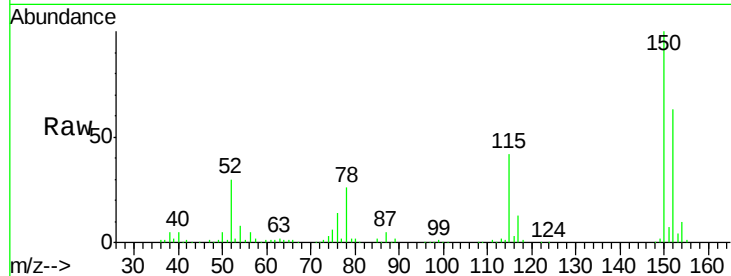


#1

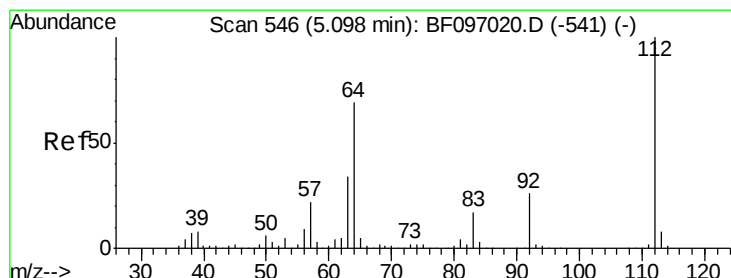
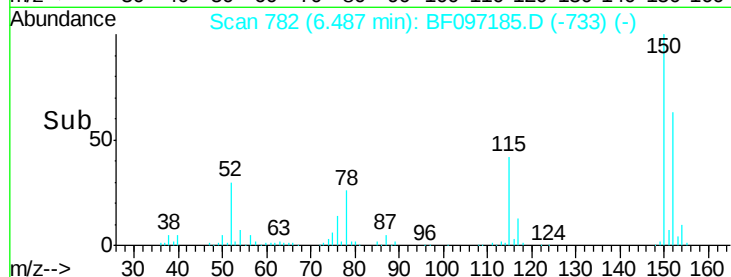
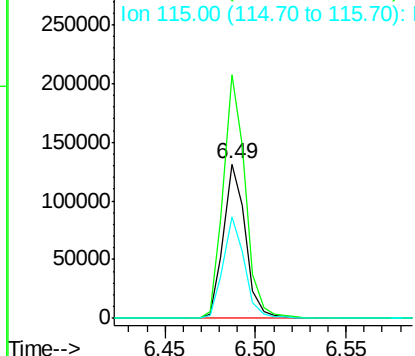
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097185.D
Acq: 29 Jul 2017 6:20

Instrument :
BNA_F
ClientSampleId :
TR-04-072617

Tot Ion:152 Resp: 112075
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 66.0 52.2 78.2



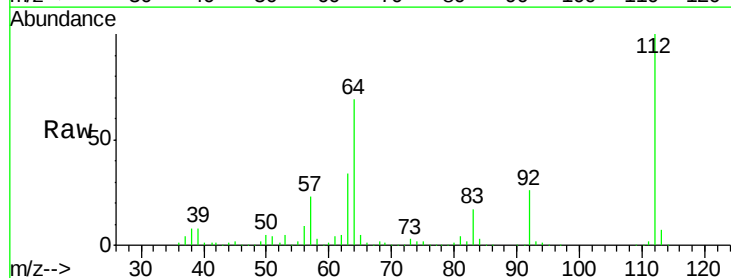
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



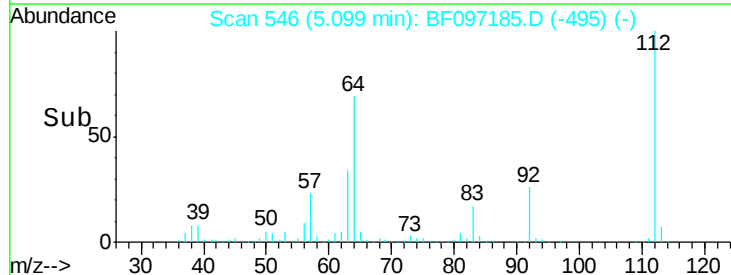
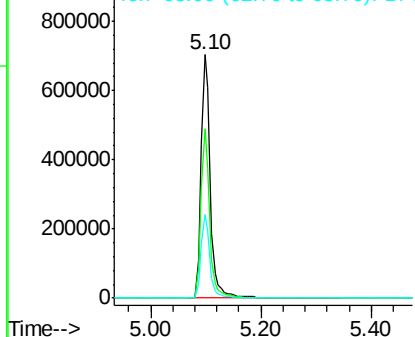
#5

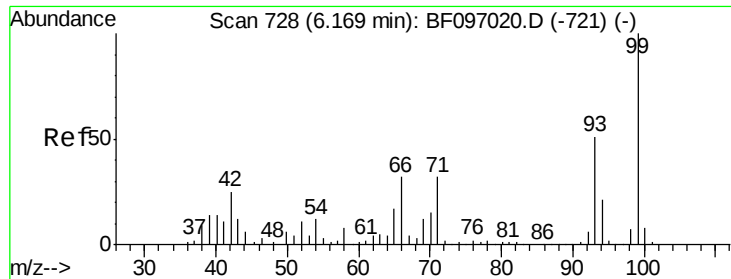
2-Fluorophenol
Concen: 109.50 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097185.D
Acq: 29 Jul 2017 6:20

Tgt Ion:112 Resp: 814111
Ion Ratio Lower Upper
112 100
64 69.4 46.0 69.0#
63 34.5 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: 102.37 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

Instrument :

BNA_F

ClientSampleId :

TR-04-072617

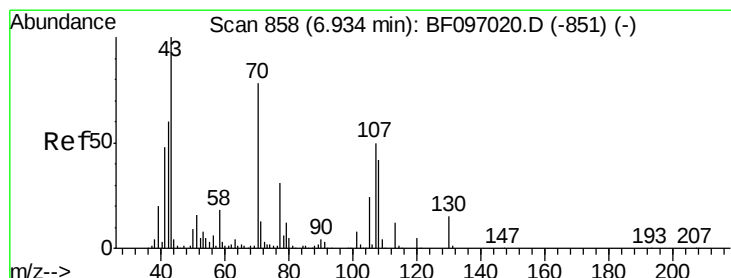
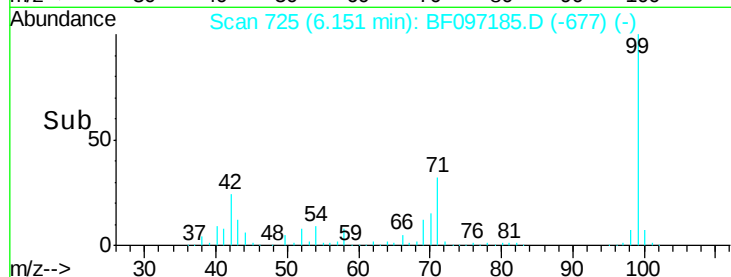
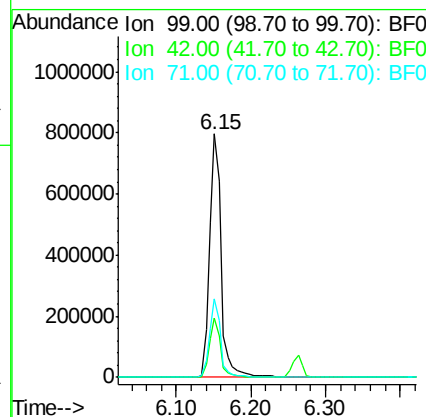
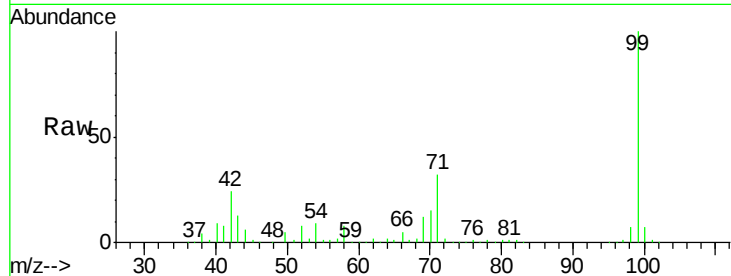
Tot Ion: 99 Resp: 868872

Ion Ratio Lower Upper

99 100

42 24.2 13.5 20.3#

71 32.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.27 ng

RT: 7.06 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

Tgt Ion: 70 Resp: 74154

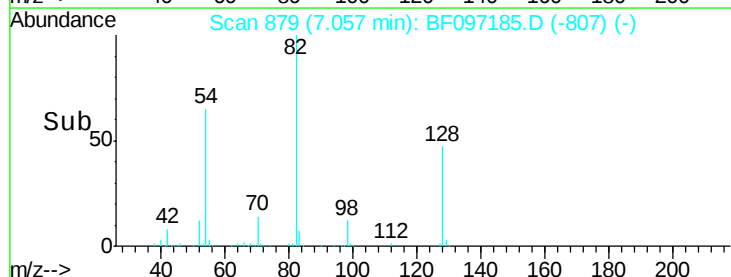
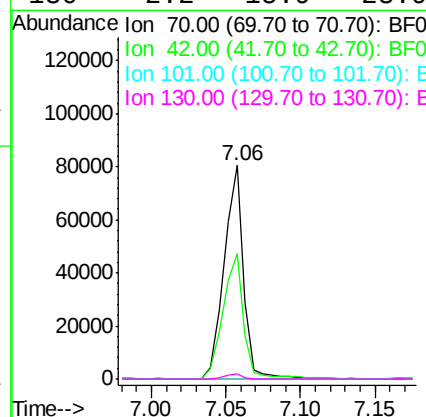
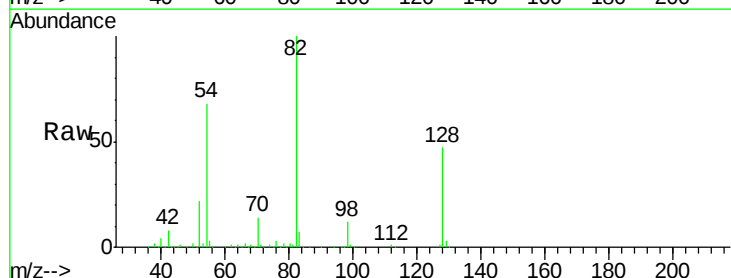
Ion Ratio Lower Upper

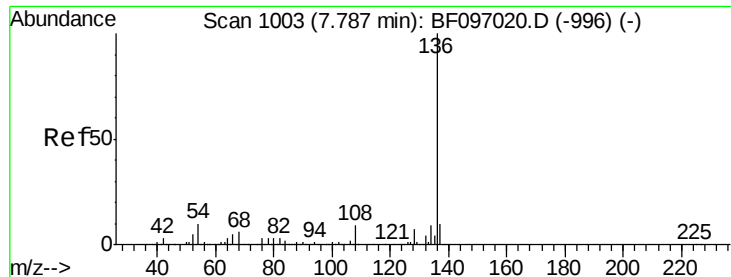
70 100

42 58.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

Instrument :

BNA_F

ClientSampleId :

TR-04-072617

Tot Ion:136 Resp: 408560

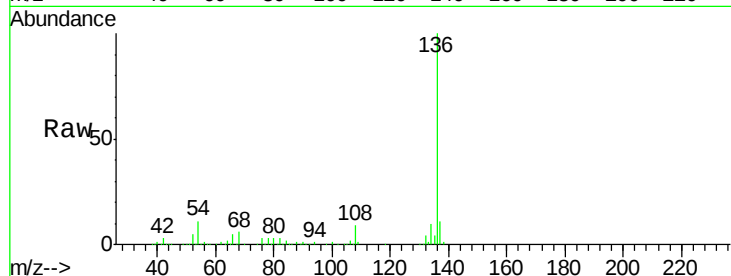
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.7 4.9 7.3#

68 6.0 4.1 6.1

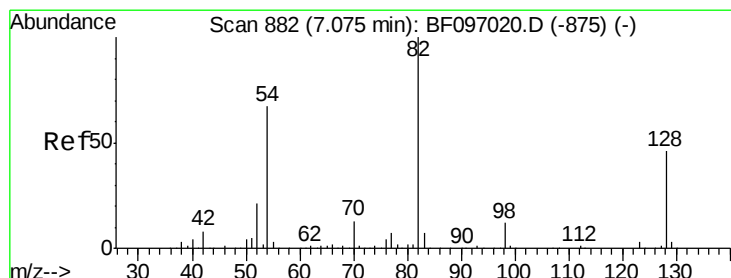
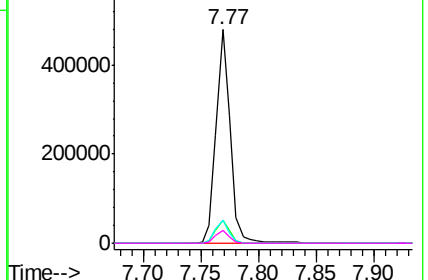
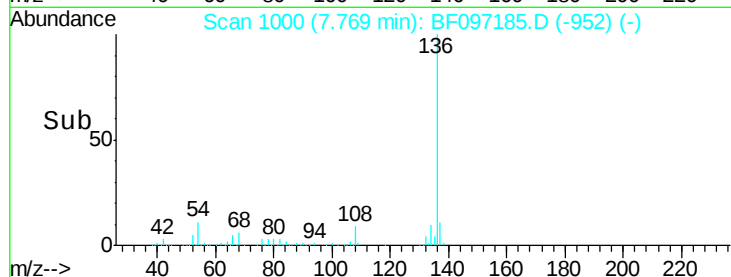


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.87 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

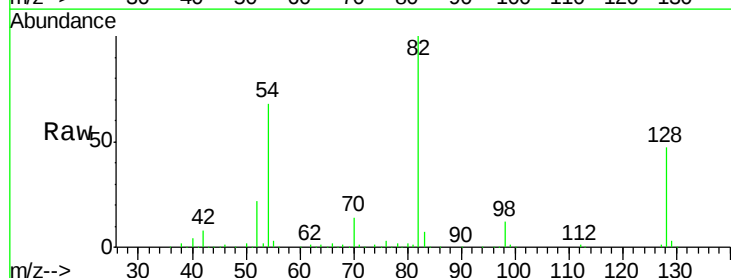
Tgt Ion: 82 Resp: 549250

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

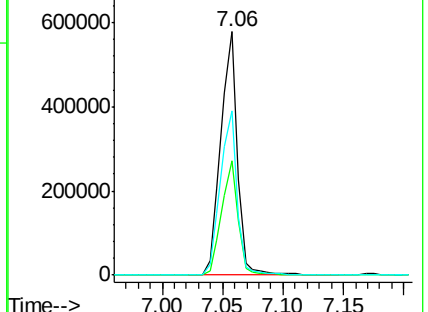
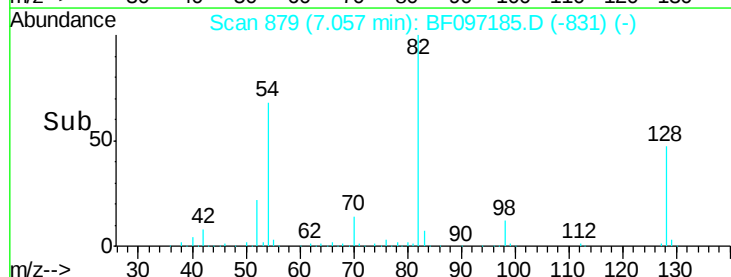
54 67.6 42.2 63.2#

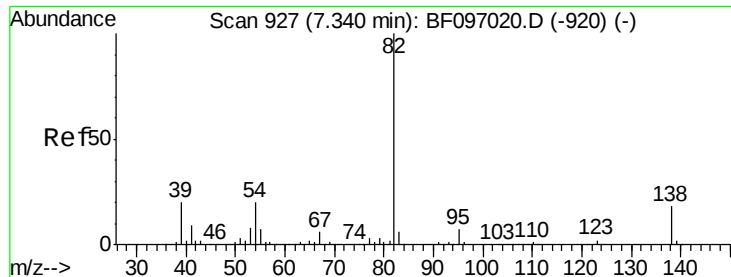


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.84 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

Instrument :

BNA_F

ClientSampleId :

TR-04-072617

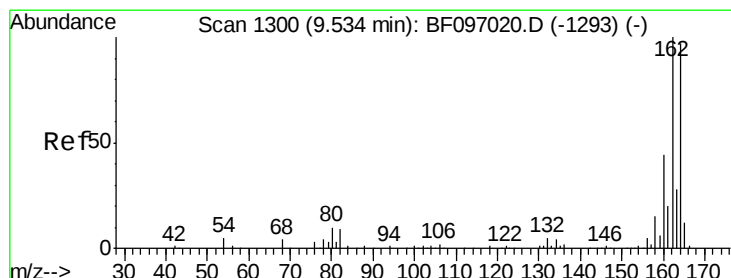
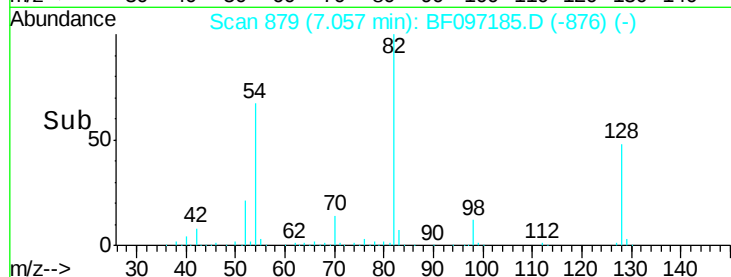
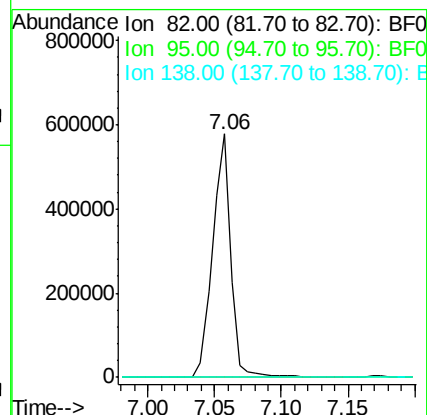
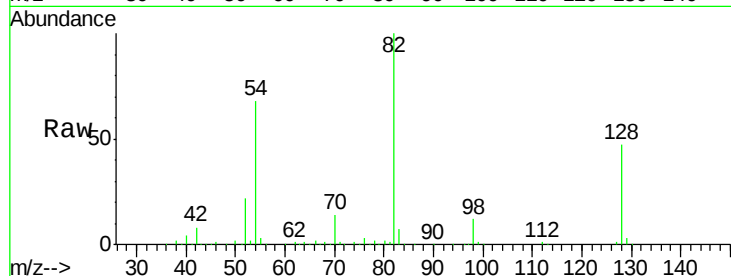
Tot Ion: 82 Resp: 543346

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

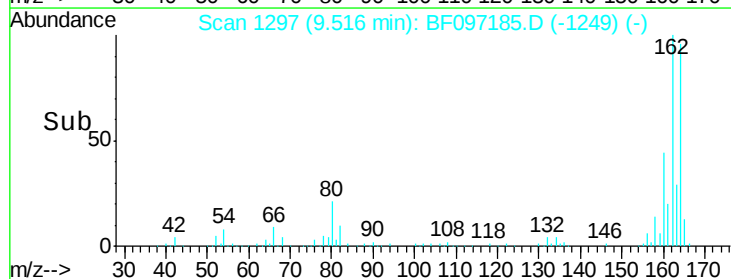
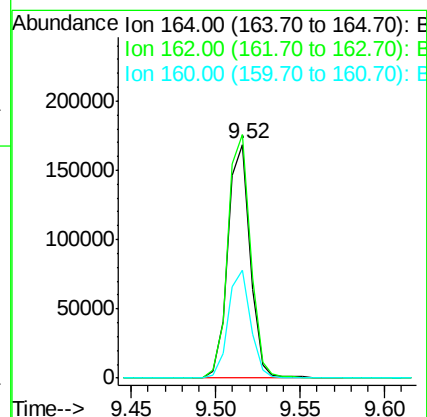
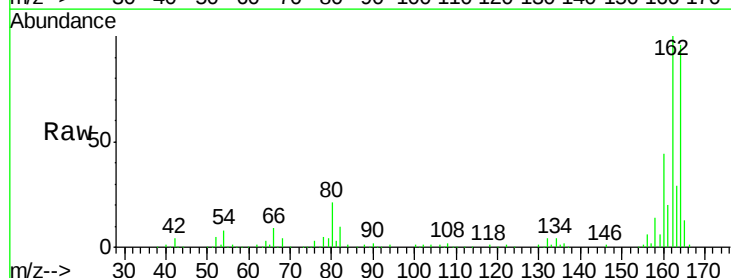
Tgt Ion: 164 Resp: 155623

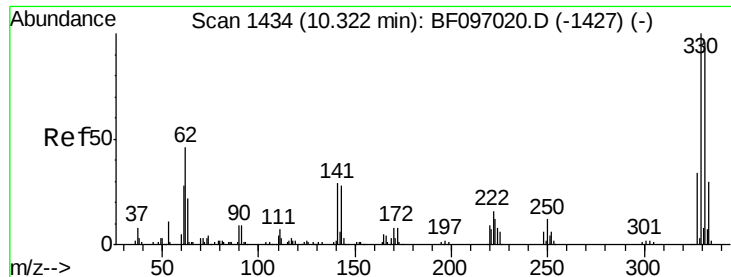
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 45.9 36.2 54.2

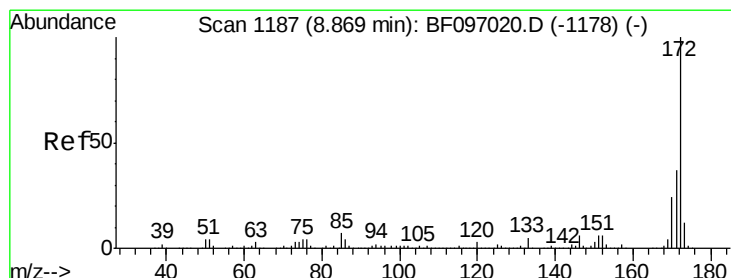
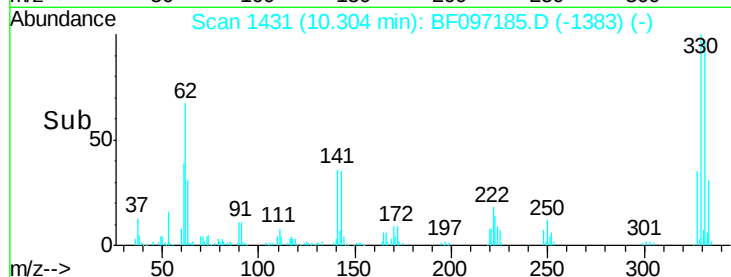
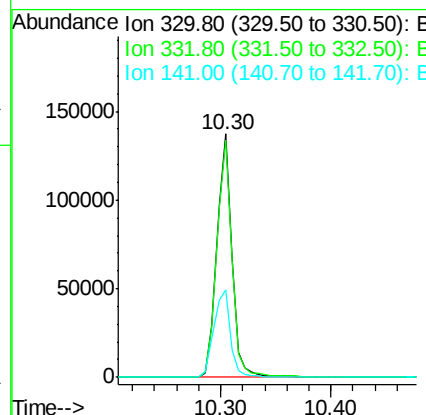
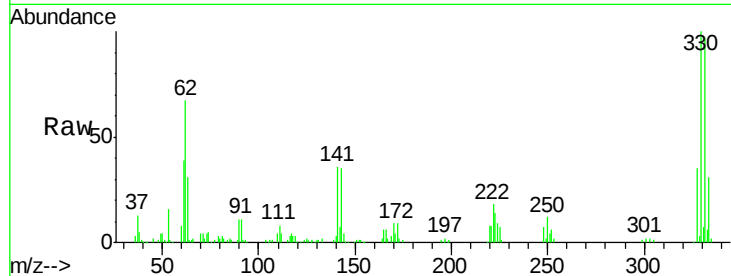




#41
 2,4,6-Tribromophenol
 Concen: 104.11 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

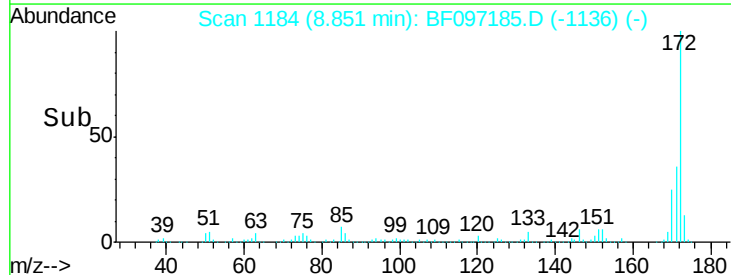
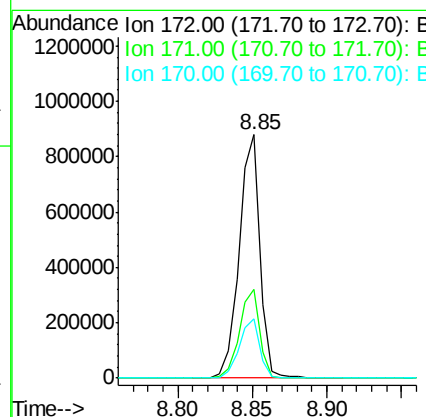
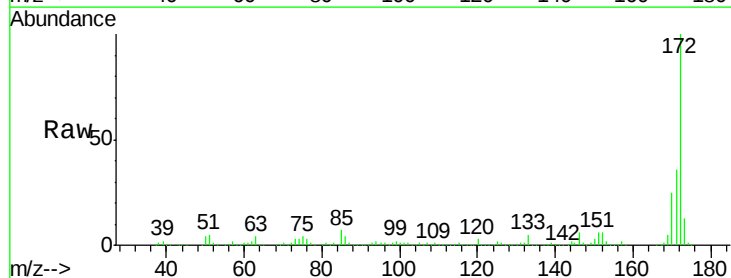
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072617

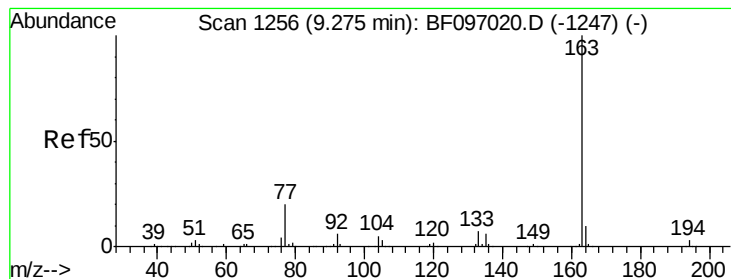
Tot Ion:330 Resp: 128008
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

Tgt Ion:172 Resp: 856411
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.6 19.8 29.8





#49

Dimethylphthalate

Concen: 3.99 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.24 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

Instrument :

BNA_F

ClientSampleId :

TR-04-072617

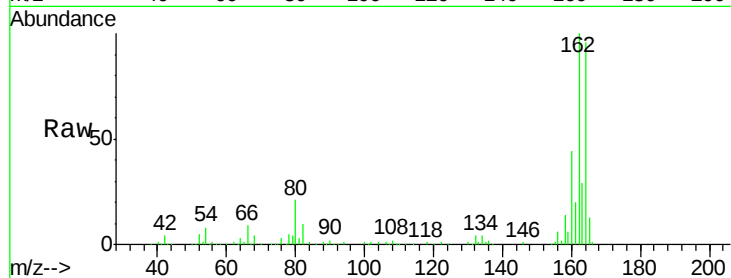
Tot Ion:163 Resp: 47196

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

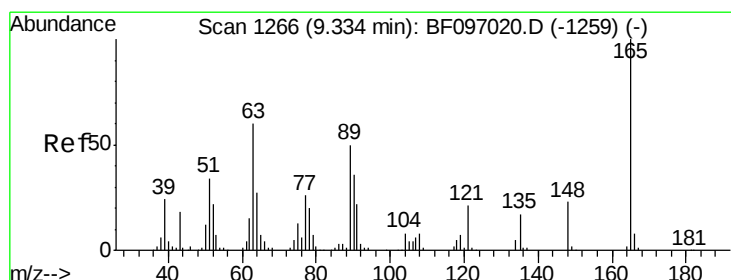
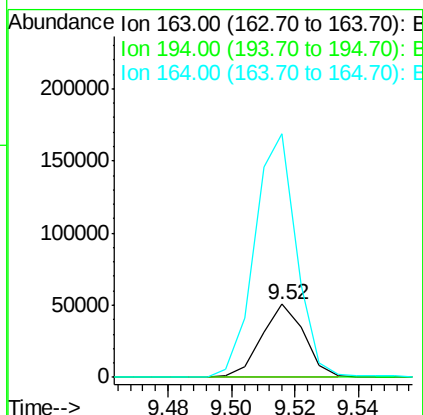
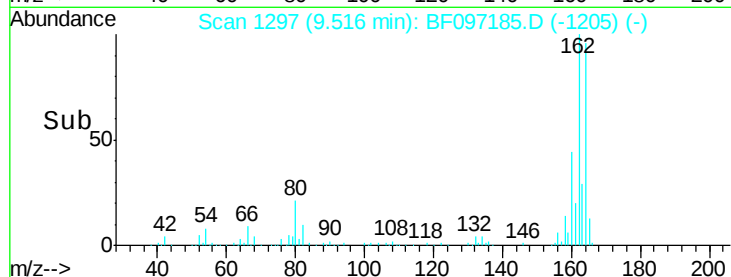
164 332.1 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 8.08 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.18 min

Lab File: BF097185.D

Acq: 29 Jul 2017 6:20

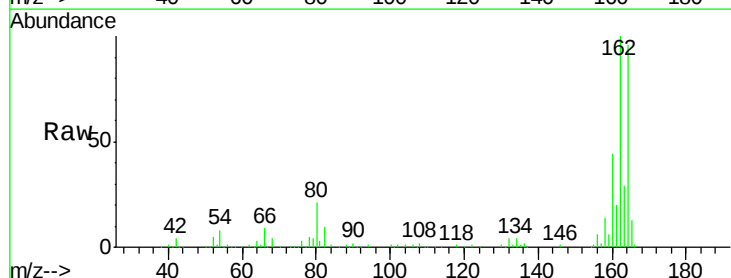
Tgt Ion:165 Resp: 20250

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

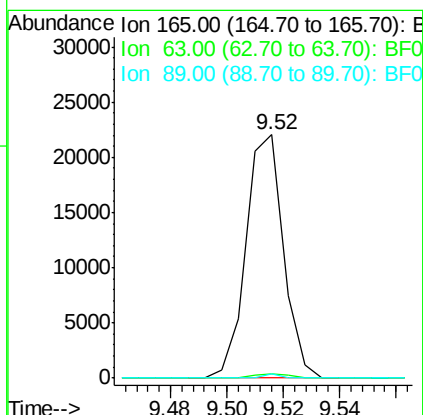
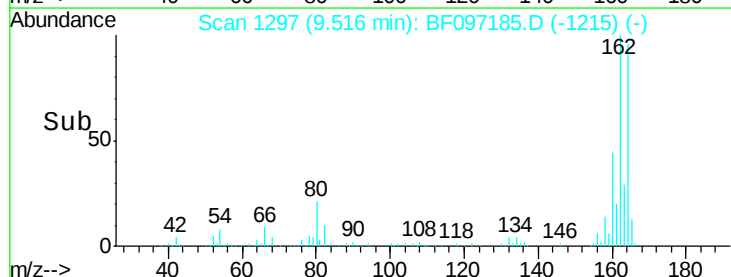
89 1.6 37.1 55.7#



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

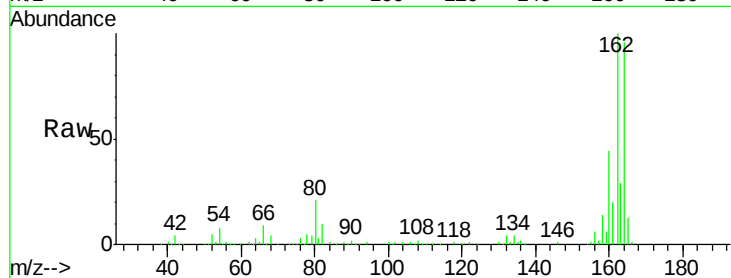




#56
 2,4-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072617

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

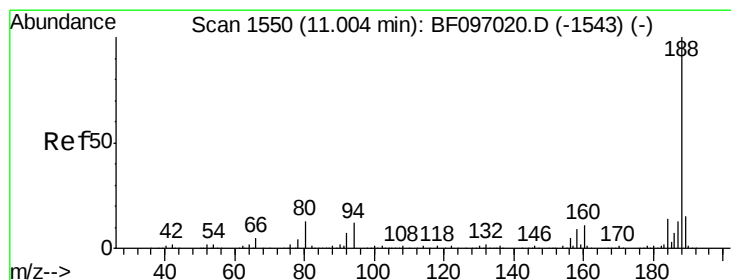
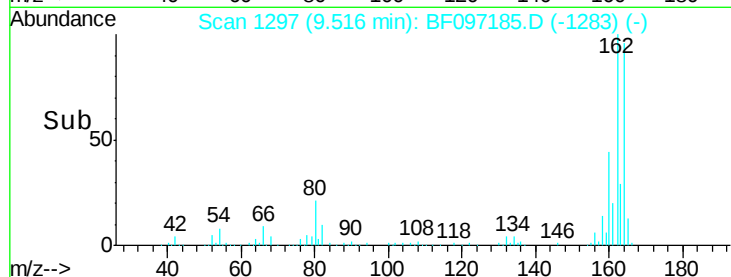
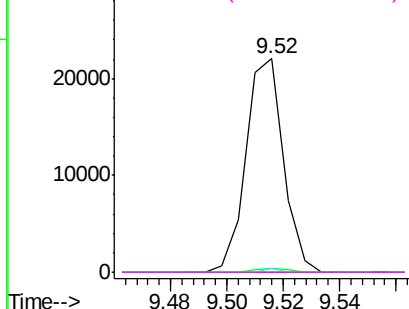


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

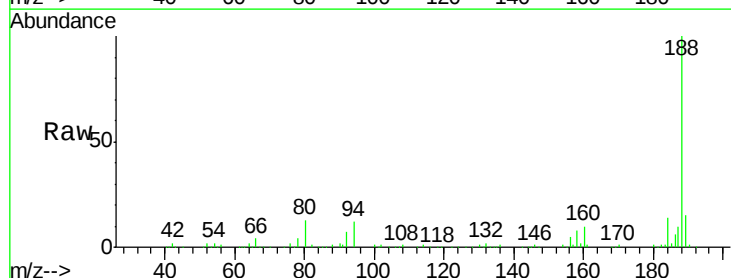
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

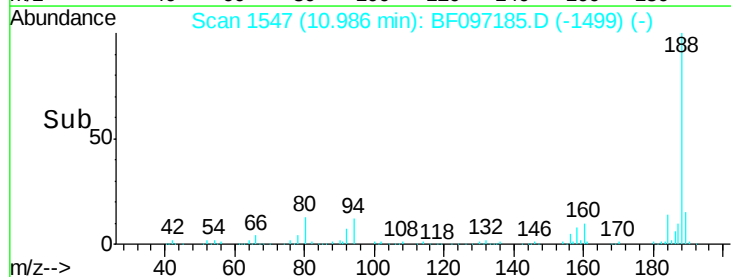
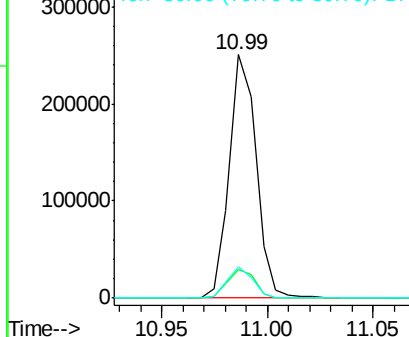
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.7	10.2	15.2



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

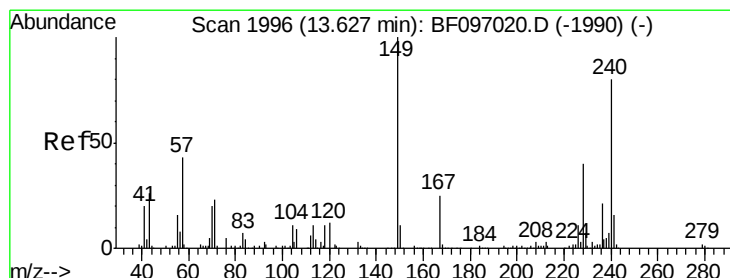
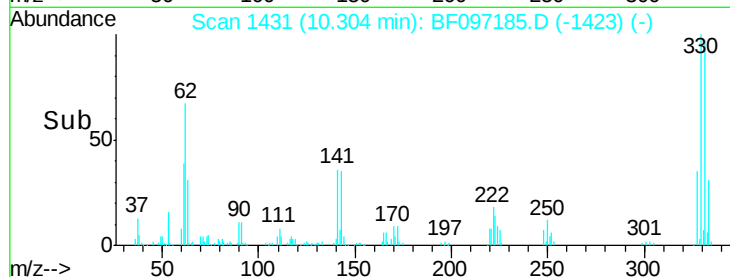
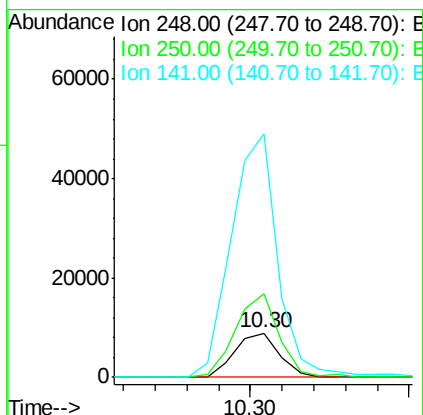
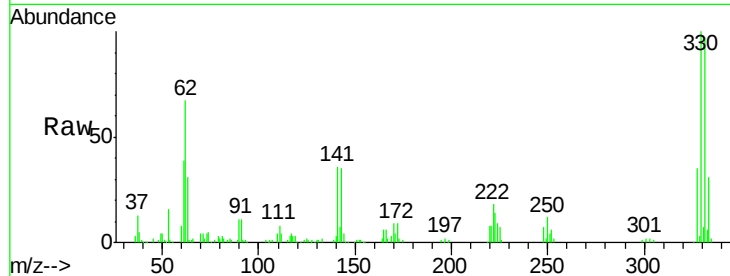




#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

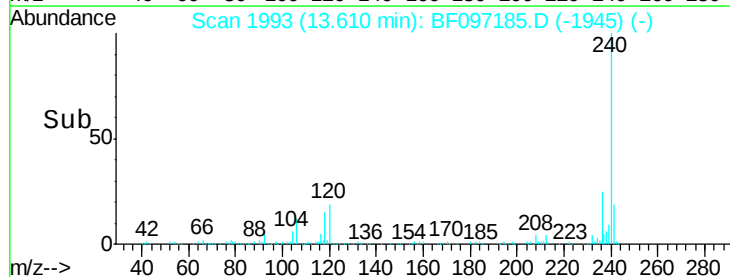
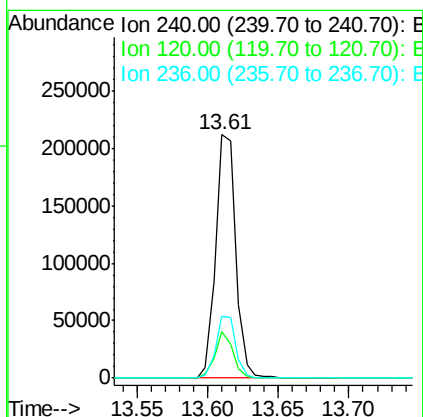
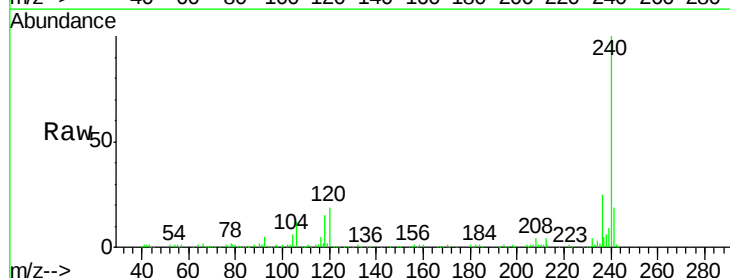
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072617

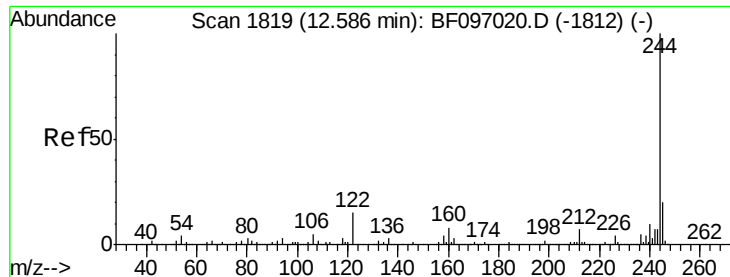
Tot Ion:248 Resp: 8581
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.8 115.2#
 141 546.1 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

Tgt Ion:240 Resp: 210688
 Ion Ratio Lower Upper
 240 100
 120 18.9 5.8 8.8#
 236 25.4 20.5 30.7

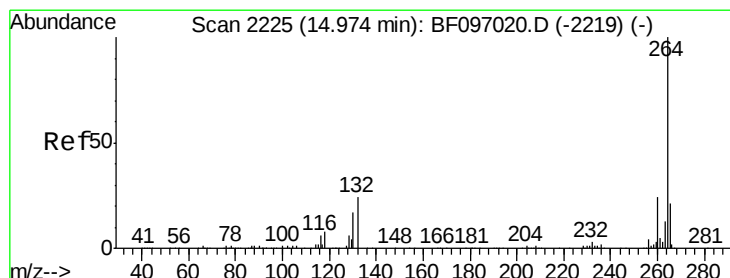
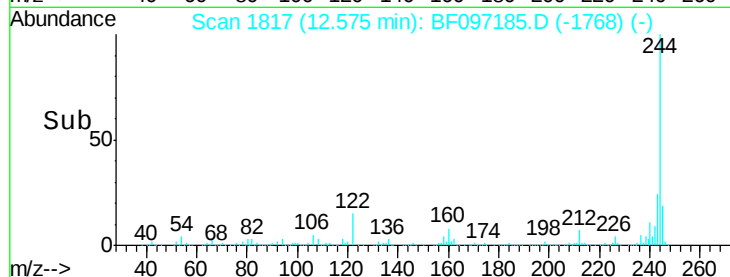
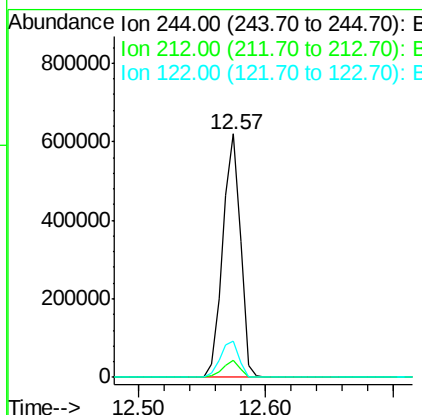
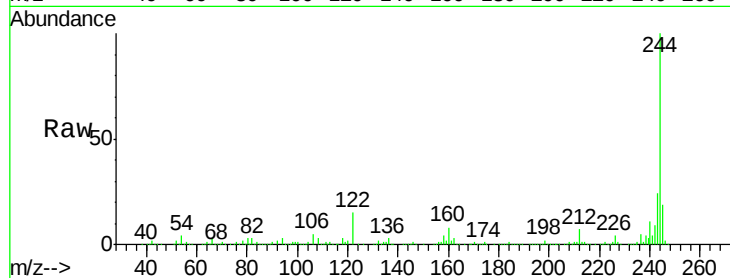




#78
 Terphenyl-d14
 Concen: 58.28 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072617

Tot Ion:244 Resp: 602206
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097185.D
 Acq: 29 Jul 2017 6:20

Tgt Ion:264 Resp: 135404
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.1 17.2 25.8

