

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097130.D
 Acq On : 27 Jul 2017 18:49
 Operator : SJ/JU
 Sample : I4432-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 28 00:43:23 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

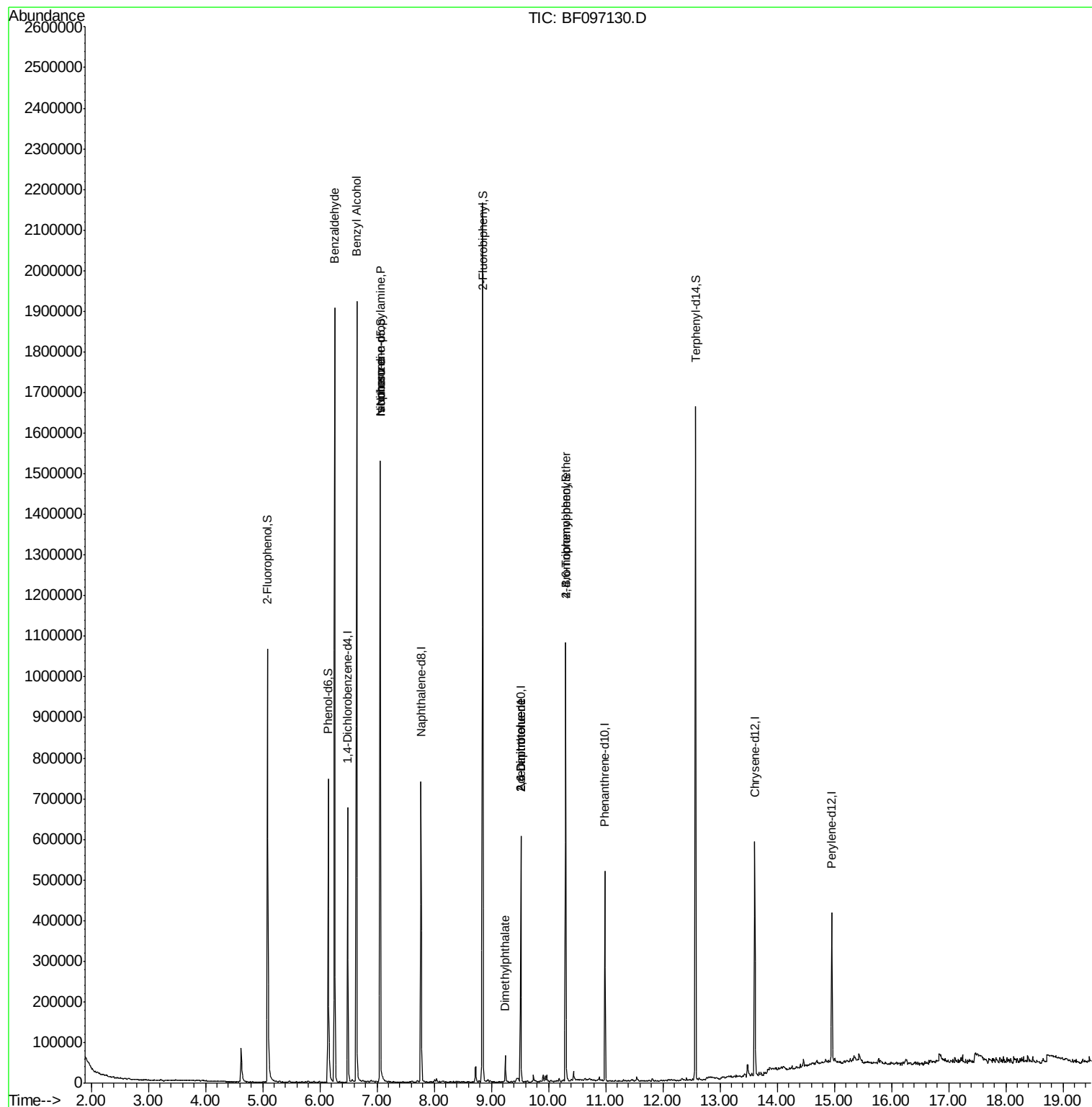
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88658	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	314798	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	117746	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	172685	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	179043	20.00	ng	-0.02
86) Perylene-d12	14.96	264	143419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	319367	54.30	ng	-0.01
7) Phenol-d6	6.15	99	246370	36.69	ng	-0.02
23) Nitrobenzene-d5	7.06	82	500103	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	109560	117.77	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	752647	108.48	ng	-0.02
78) Terphenyl-d14	12.57	244	517400	58.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.26	77	10219	2.57	ng	# 74
15) Benzyl Alcohol	6.64	79	8724	2.05	ng	# 41
19) n-Nitroso-di-n-propylamine	7.06	70	67193	15.20	ng	# 88
25) Isophorone	7.06	82	495332	47.13	ng	# 67
49) Dimethylphthalate	9.25	163	24261	2.71	ng	97
50) 2,6-Dinitrotoluene	9.52	165	15037	7.93	ng	# 31
56) 2,4-Dinitrotoluene	9.52	165	15037	6.90	ng	# 31
66) 4-Bromophenyl-phenylether	10.30	248	6894	4.00	ng	# 1

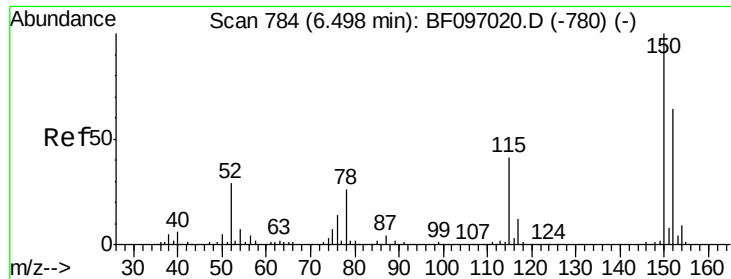
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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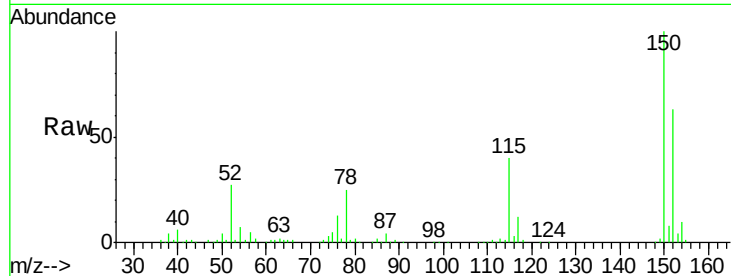


#1

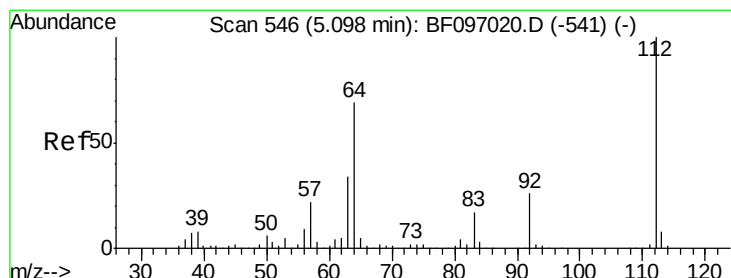
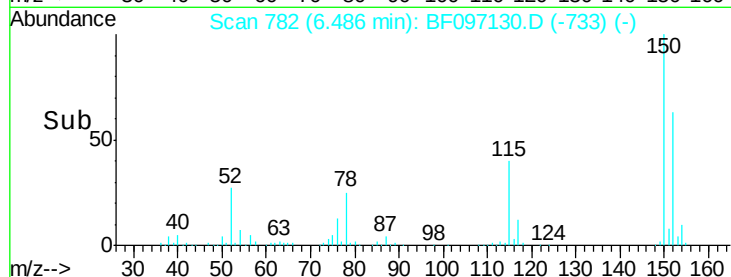
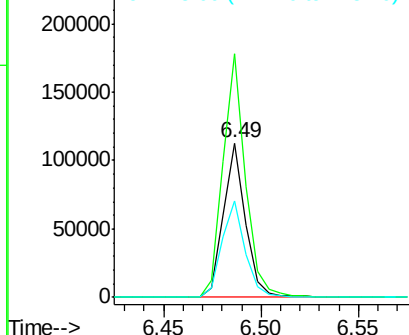
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88658
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 62.6 52.2 78.2



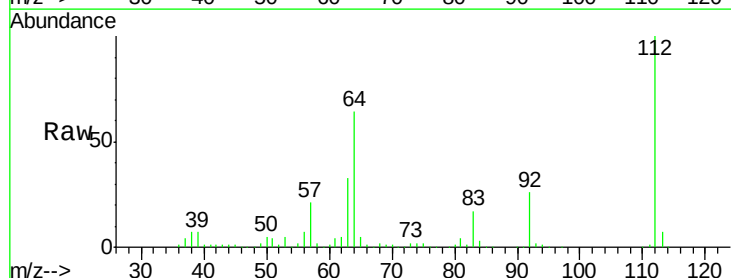
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



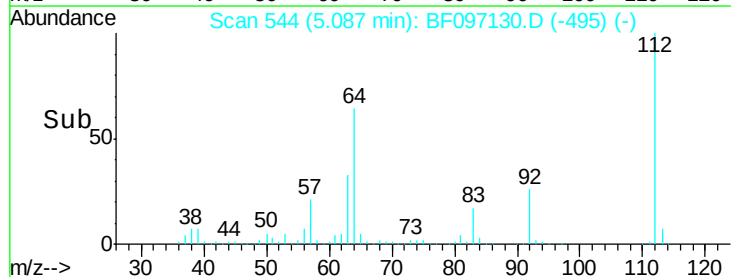
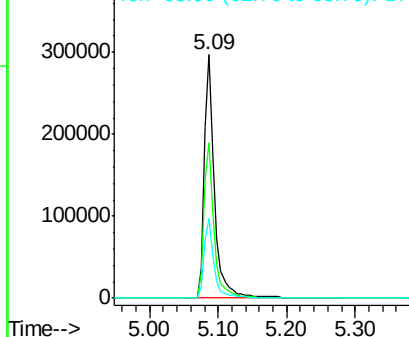
#5

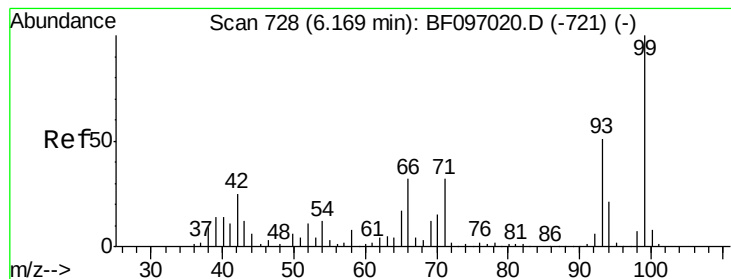
2-Fluorophenol
Concen: 54.30 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Tgt Ion:112 Resp: 319367
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.5 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: 36.69 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

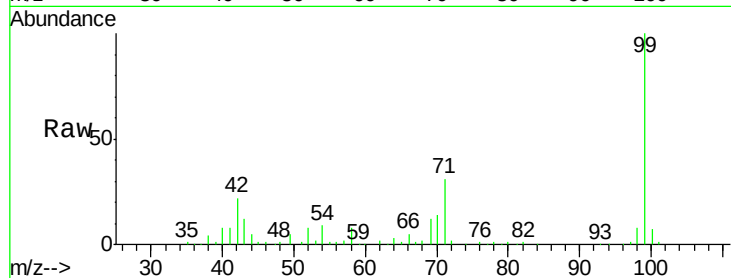
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 246370

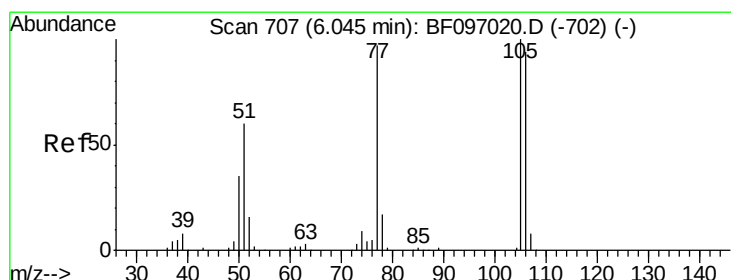
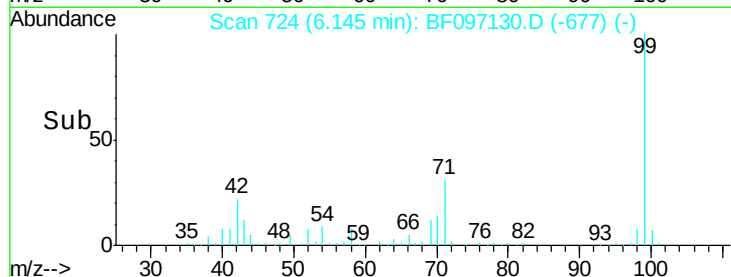
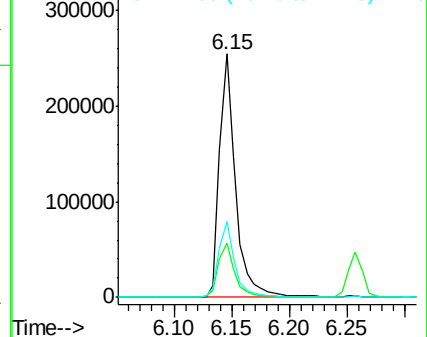
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.1	24.5	36.7



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



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.26 min Scan# 743

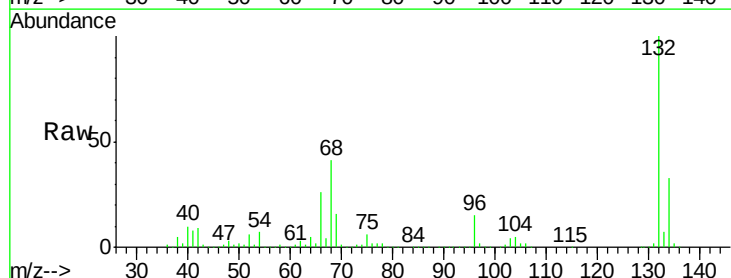
Delta R.T. 0.21 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Tgt Ion: 77 Resp: 10219

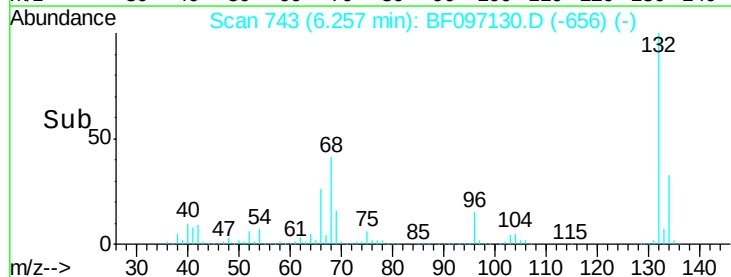
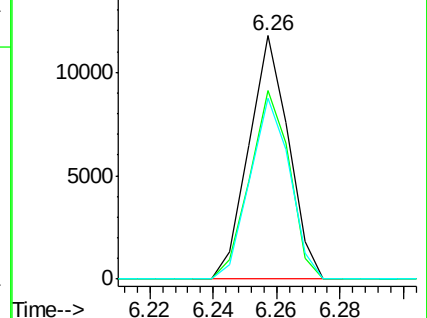
Ion	Ratio	Lower	Upper
77	100		
105	77.3	83.8	123.8#
106	74.0	79.1	119.1#

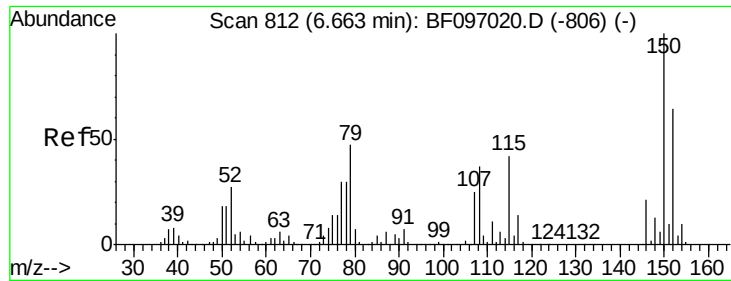


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

BNA_F

ClientSampleId :

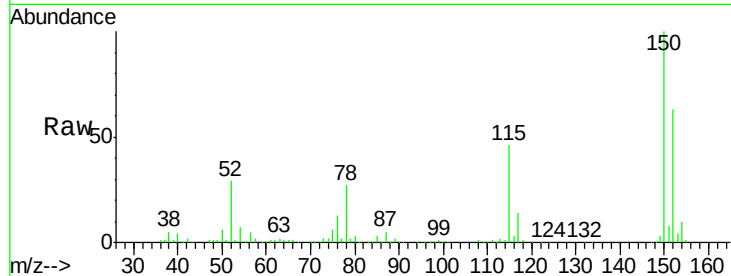
Tot Ion: 79 Resp: 8724

Ion Ratio Lower Upper

79 100

108 31.5 63.4 95.0#

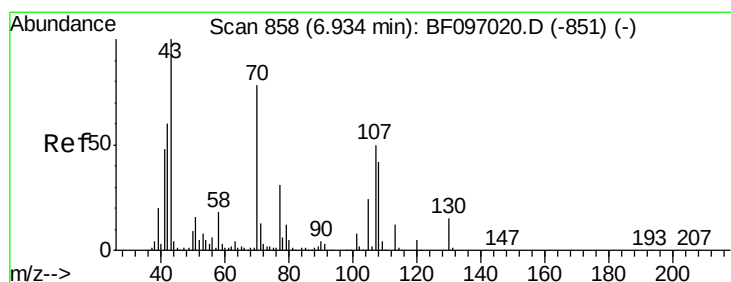
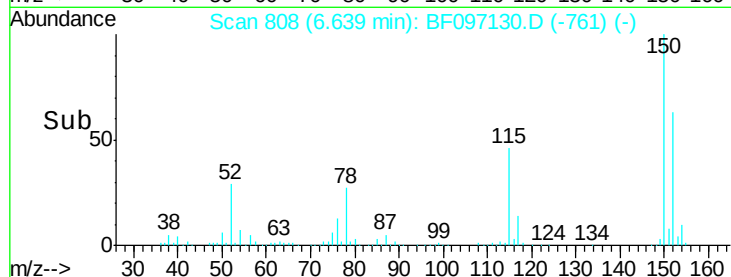
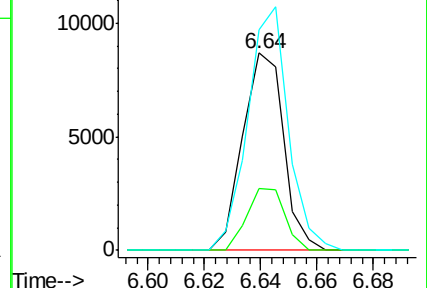
77 112.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.20 ng

RT: 7.06 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Tgt Ion: 70 Resp: 67193

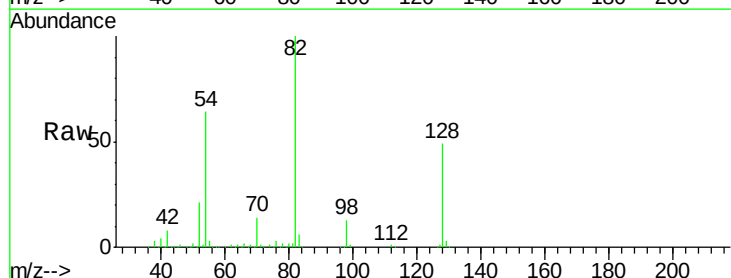
Ion Ratio Lower Upper

70 100

42 58.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

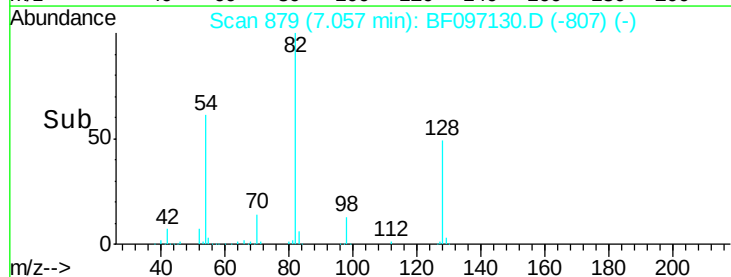
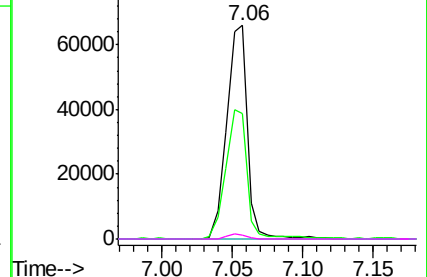


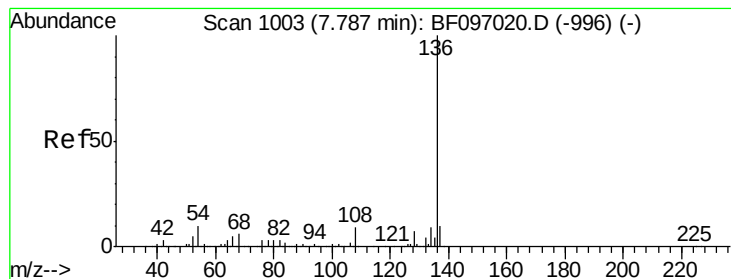
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

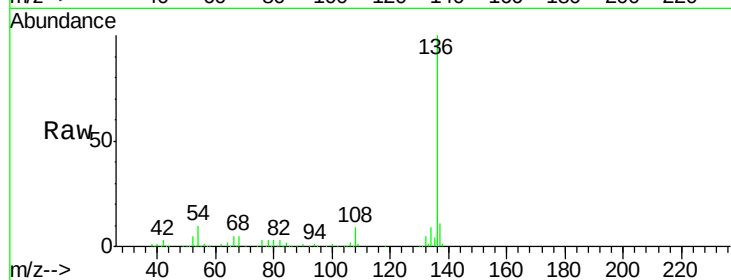
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 314798

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	9.9	4.9	7.3#
68	5.0	4.1	6.1

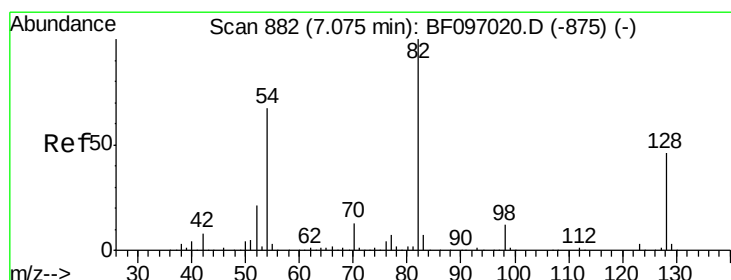
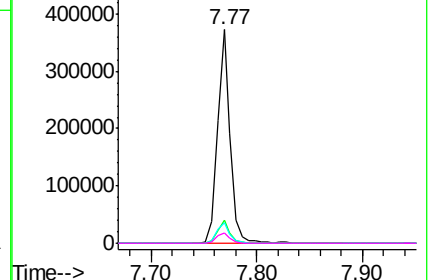
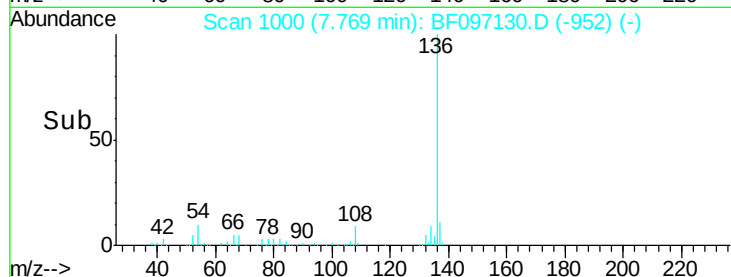


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.20 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

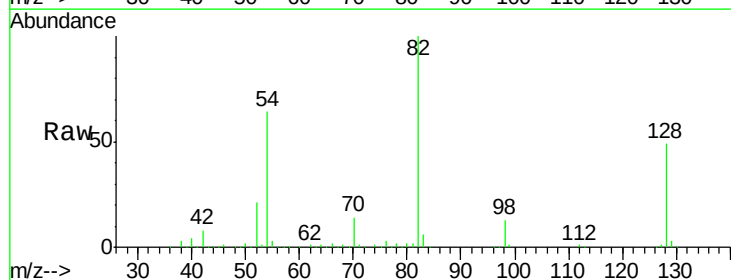
Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Tgt Ion: 82 Resp: 500103

Ion Ratio Lower Upper

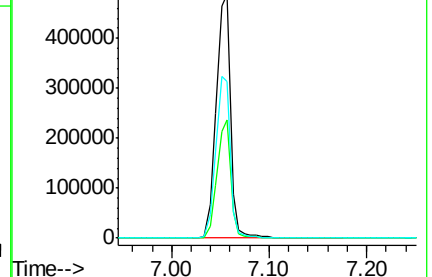
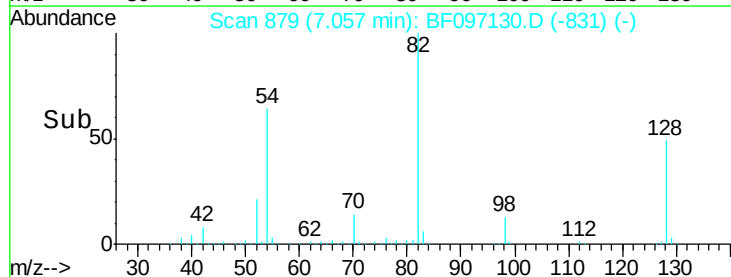
82	100		
128	48.7	34.0	51.0
54	64.1	42.2	63.2#

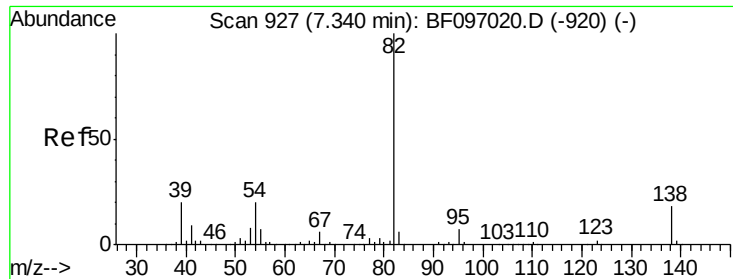


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.13 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

BNA_F

ClientSampleId :

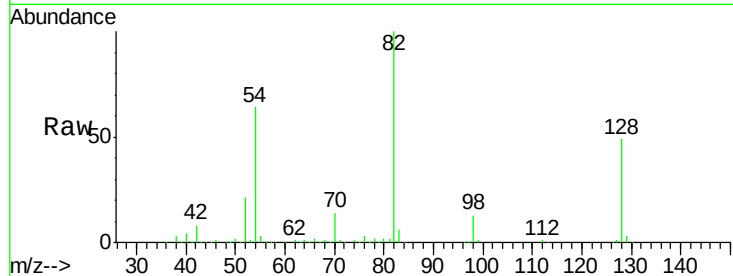
Tot Ion: 82 Resp: 495332

Ion Ratio Lower Upper

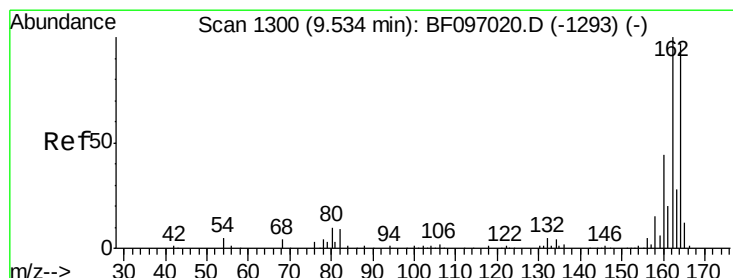
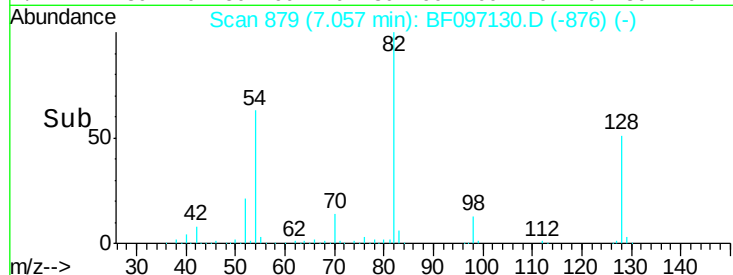
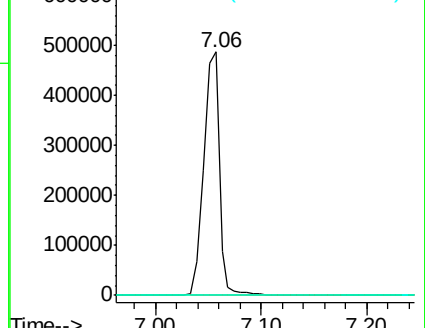
82 100

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: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

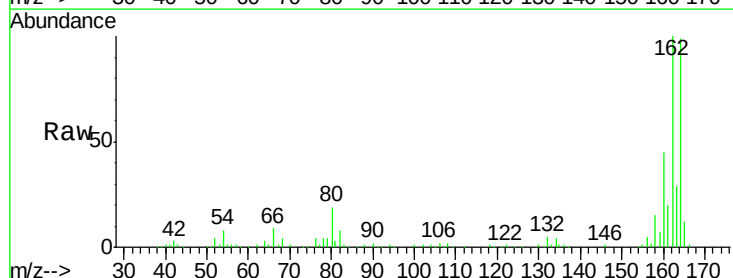
Tgt Ion: 164 Resp: 117746

Ion Ratio Lower Upper

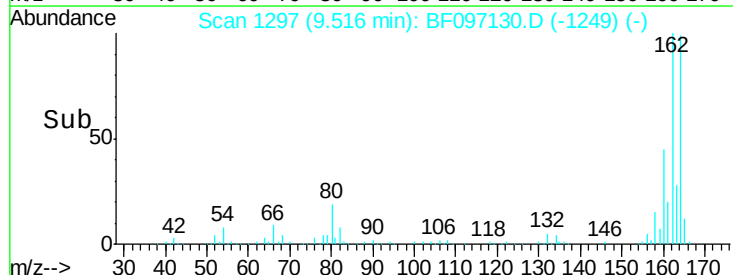
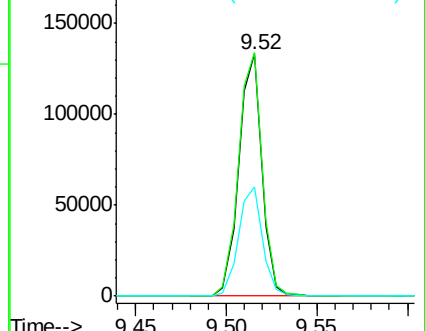
164 100

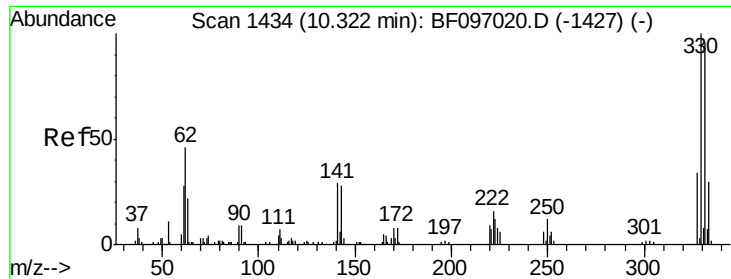
162 100.6 82.6 123.8

160 44.9 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

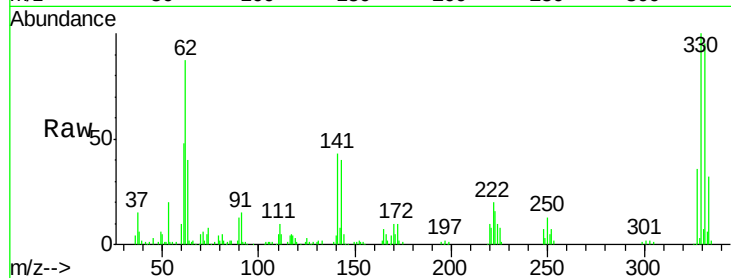




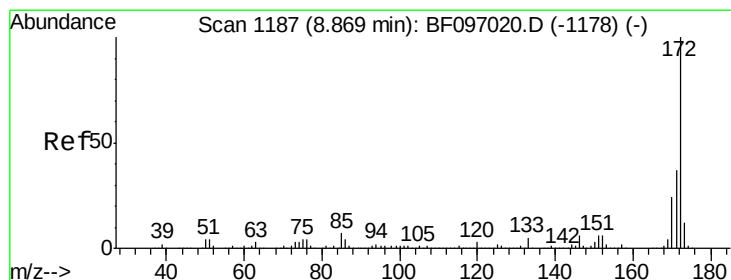
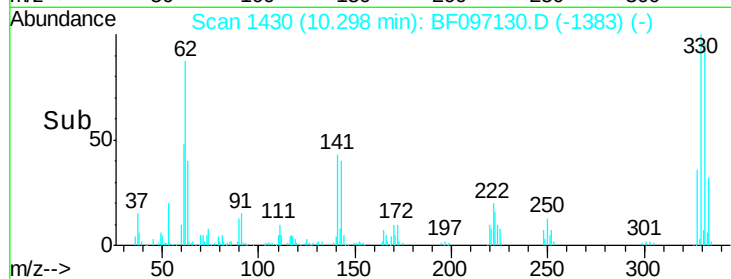
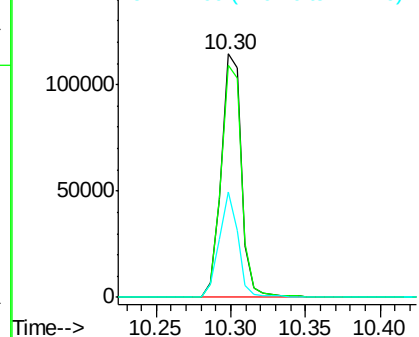
#41
 2,4,6-Tribromophenol
 Concen: 117.77 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.2	31.4	47.2

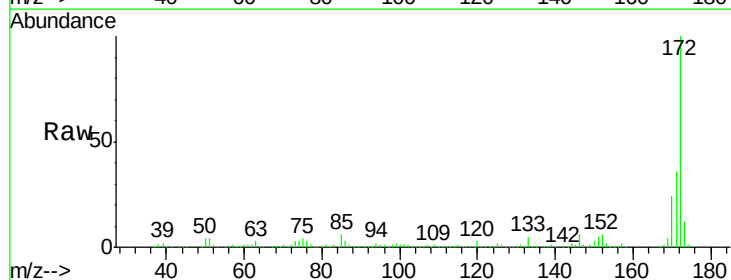


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

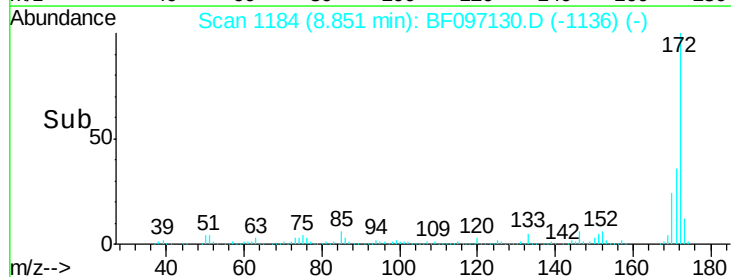
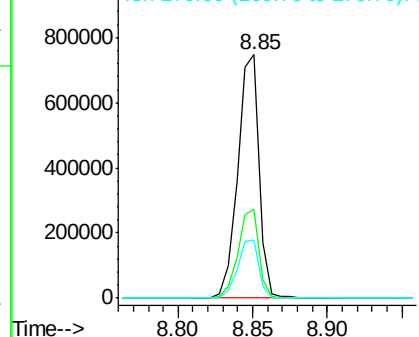


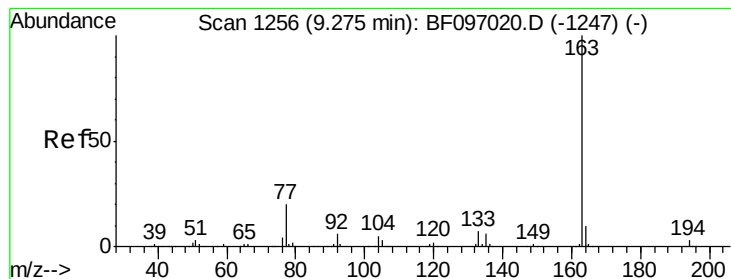
#44
 2-Fluorobiphenyl
 Concen: 108.48 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	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: 2.71 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

BNA_F

ClientSampleId :

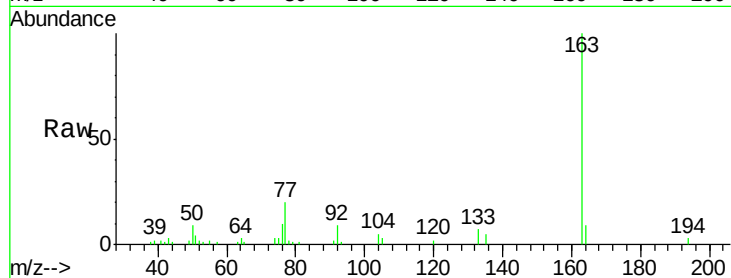
Tot Ion:163 Resp: 24261

Ion Ratio Lower Upper

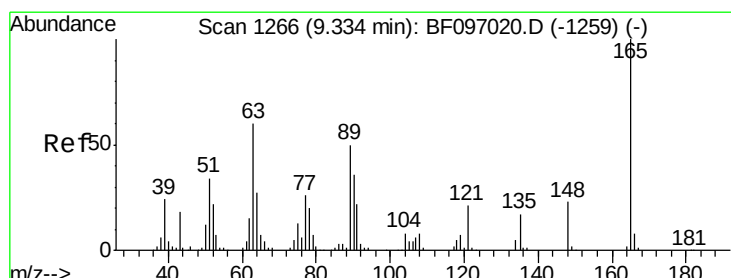
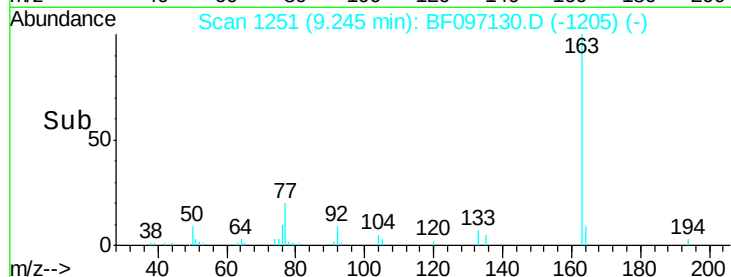
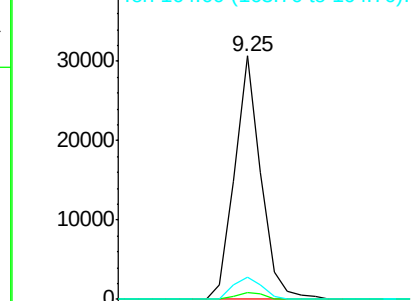
163 100

194 2.9 2.6 4.0

164 9.1 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: 7.93 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.18 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

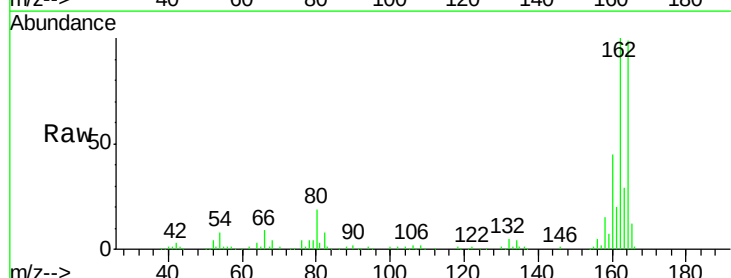
Tgt Ion:165 Resp: 15037

Ion Ratio Lower Upper

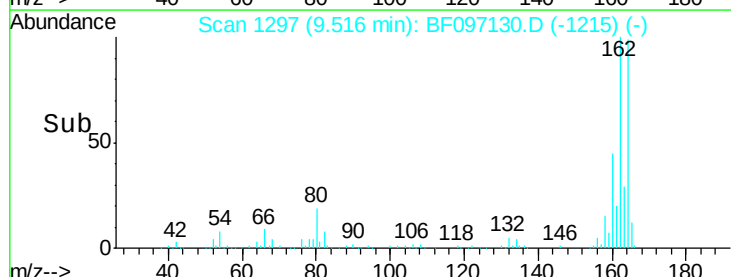
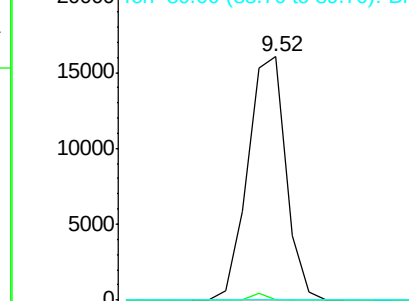
165 100

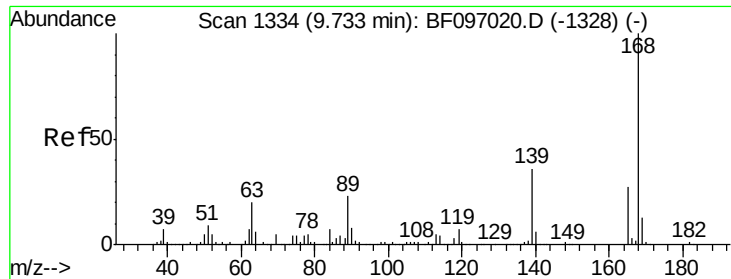
63 0.0 34.3 51.5#

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

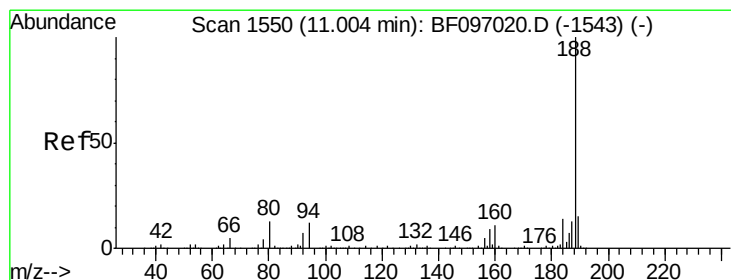
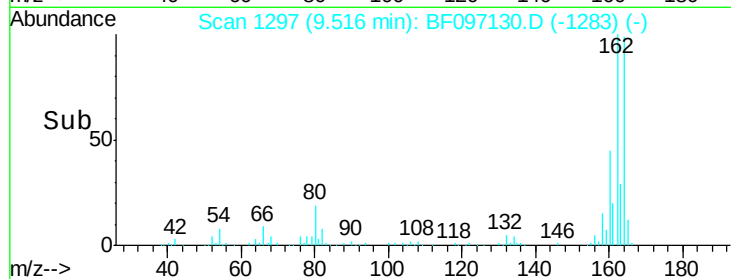
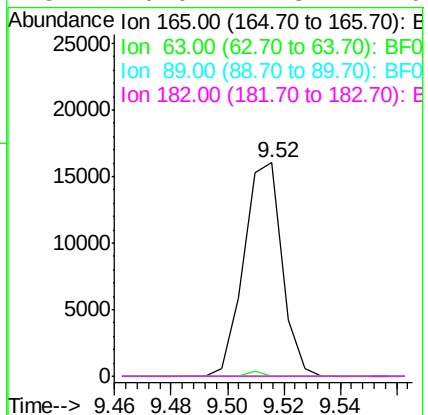
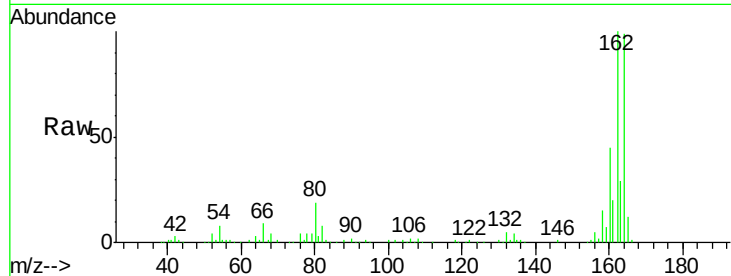




#56
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

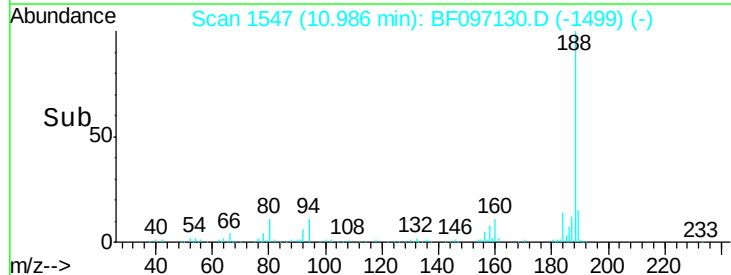
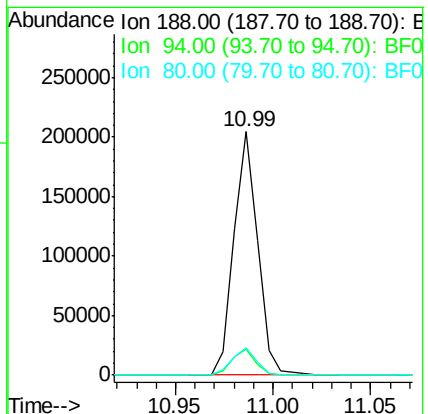
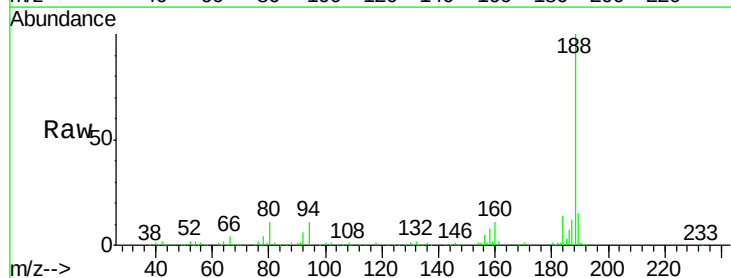
Instrument :
 BNA_F
 ClientSampleId :

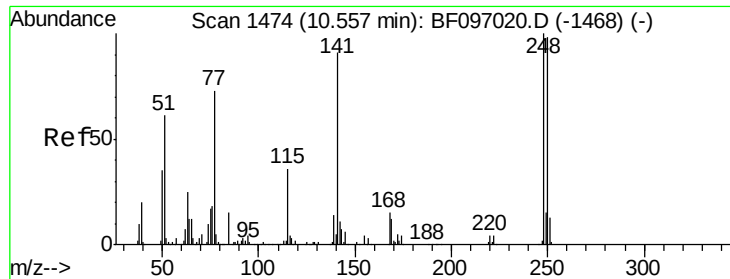
Tot Ion:165 Resp: 15037
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Tgt Ion:188 Resp: 172685
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.1 10.2 15.2

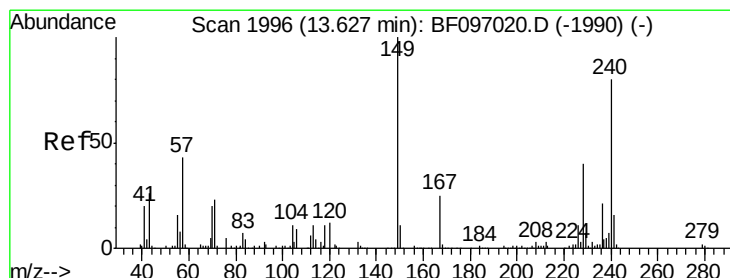
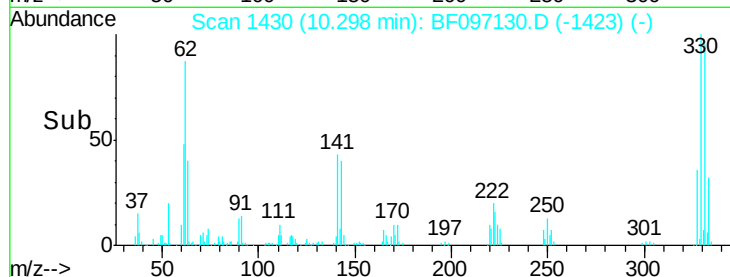
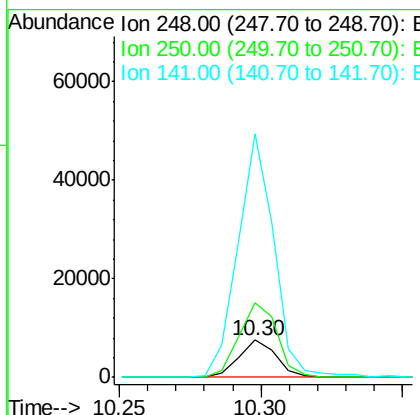
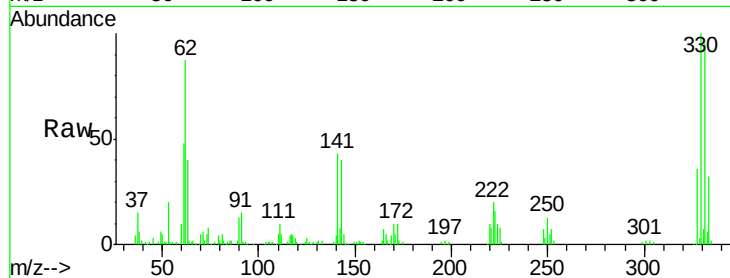




#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

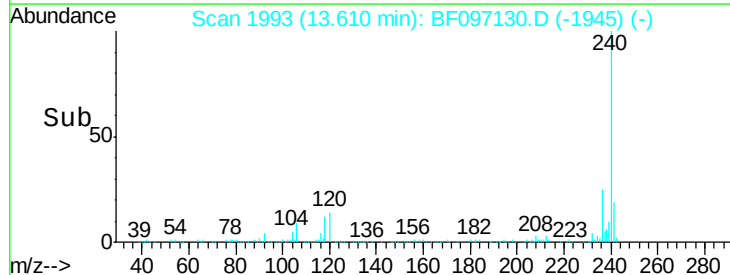
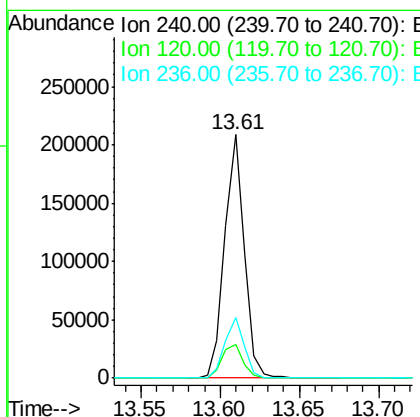
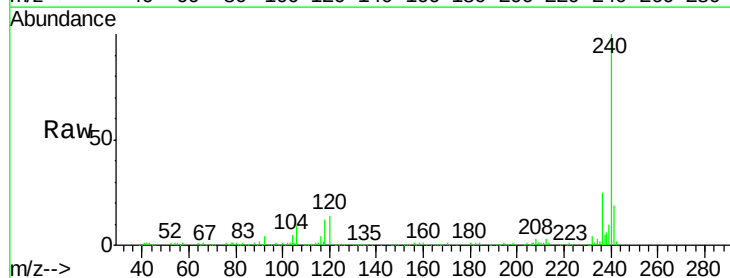
Instrument :
 BNA_F
 ClientSampleId :

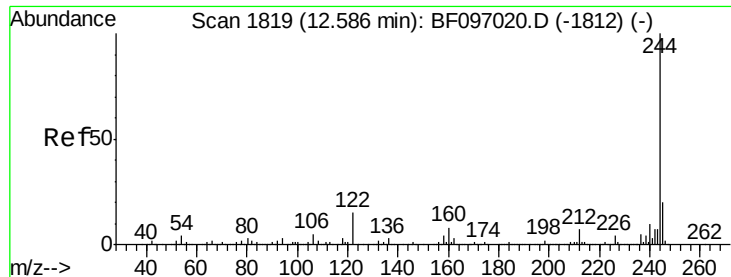
Tot Ion:248 Resp: 6894
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.8 115.2#
 141 658.6 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Tgt Ion:240 Resp: 179043
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 24.9 20.5 30.7

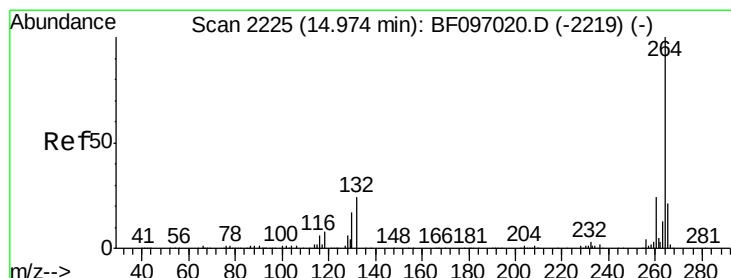
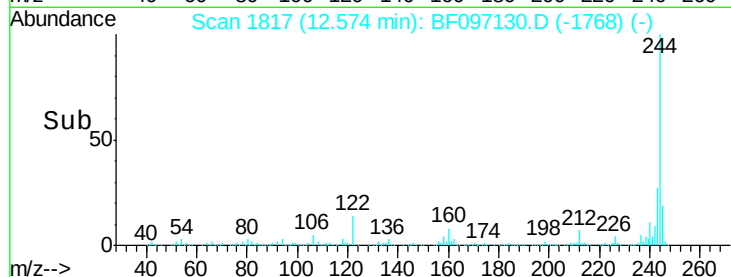
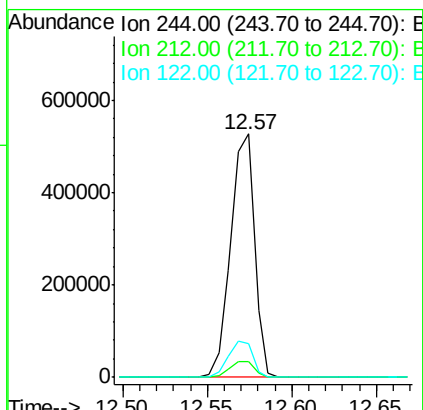
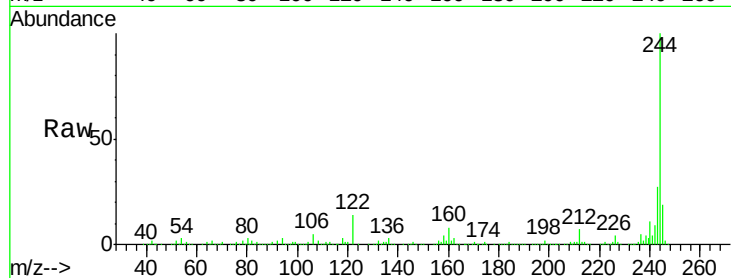




#78
 Terphenyl-d14
 Concen: 58.92 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 517400
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Tgt Ion:264 Resp: 143419
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.1 17.2 25.8

