

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097306.D
 Acq On : 3 Aug 2017 8:17
 Operator : SJ/JU
 Sample : I4537-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 11:59:29 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

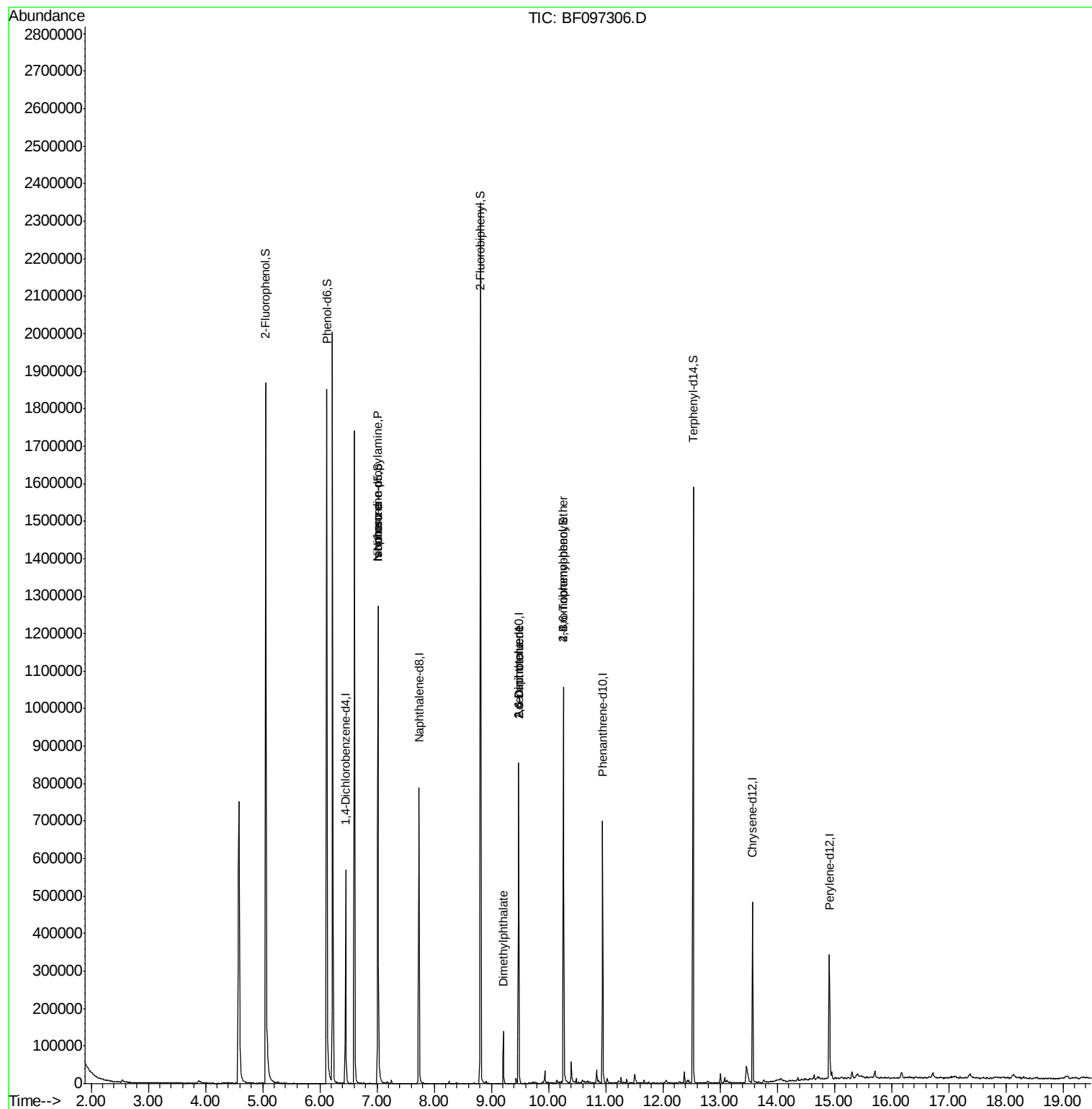
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	92006	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	364912	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	165409	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	258987	20.00	ng	-0.06
75) Chrysene-d12	13.57	240	159811	20.00	ng	-0.06
86) Perylene-d12	14.92	264	139810	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	592078	97.01	ng	-0.05
7) Phenol-d6	6.12	99	698864	100.30	ng	-0.05
23) Nitrobenzene-d5	7.02	82	430511	69.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	114616	87.70	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	743444	76.28	ng	-0.06
78) Terphenyl-d14	12.53	244	491739	62.74	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	57649	12.570	ng	# 87
25) Isophorone	7.02	82	419202	34.412	ng	# 67
49) Dimethylphthalate	9.21	163	53610	4.268	ng	98
50) 2,6-Dinitrotoluene	9.47	165	21091	7.917	ng	# 32
56) 2,4-Dinitrotoluene	9.47	165	21091	6.887	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	7205	2.788	ng	# 1

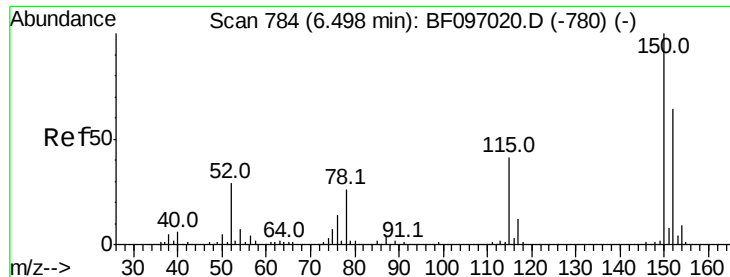
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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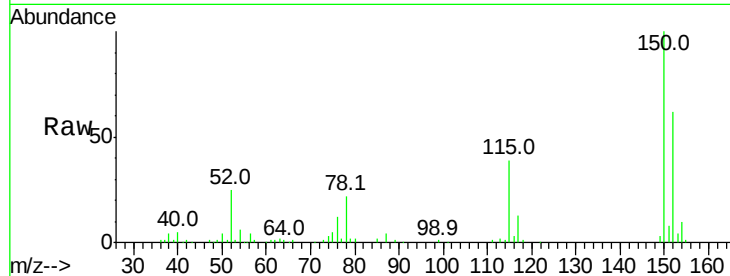


#1

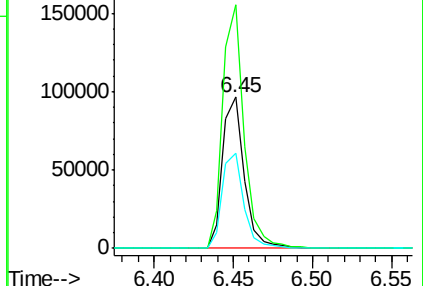
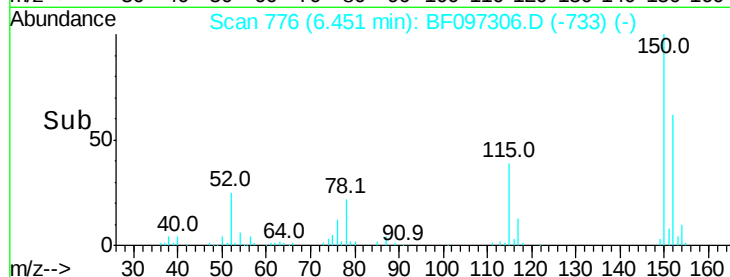
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097306.D
Acq: 3 Aug 2017 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92006
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 63.1 52.2 78.2



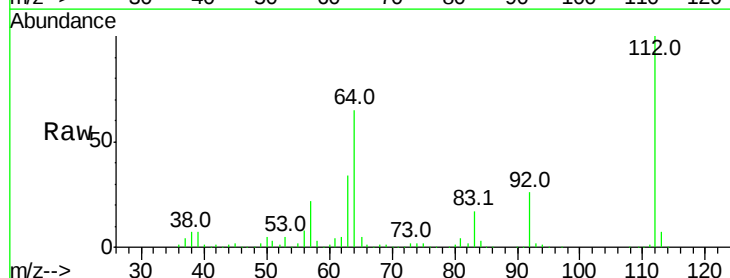
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



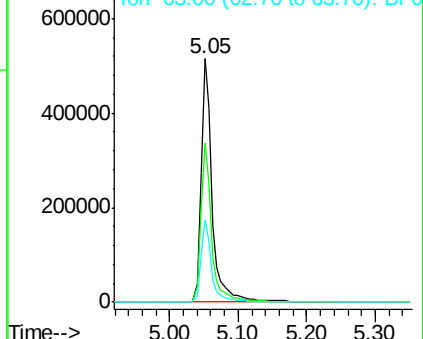
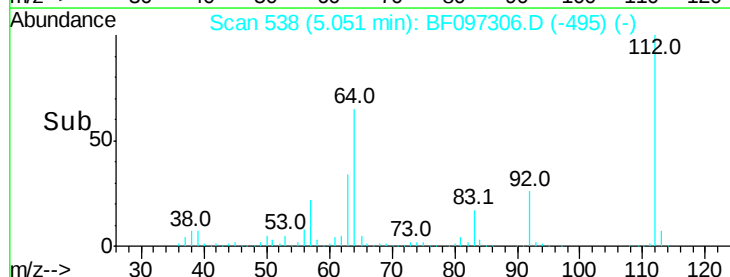
#5

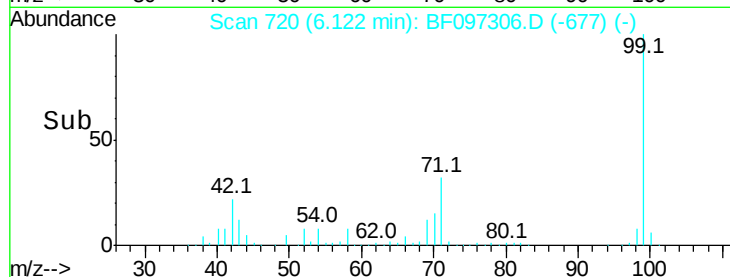
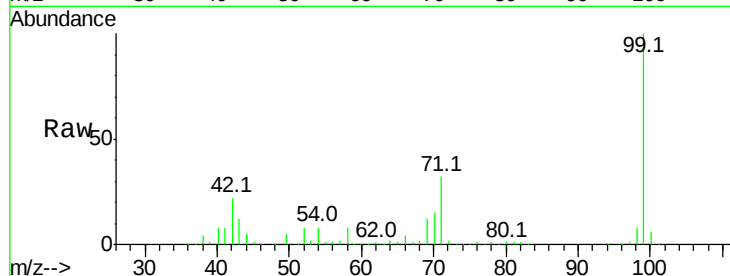
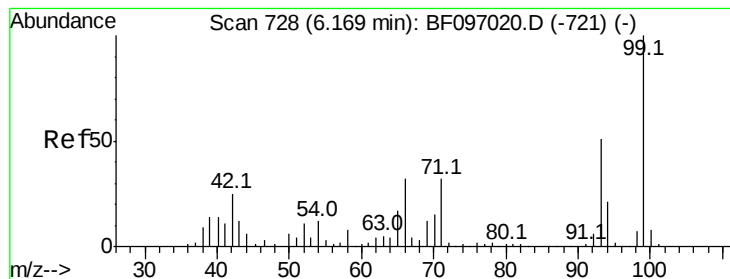
2-Fluorophenol
Concen: 97.010 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097306.D
Acq: 3 Aug 2017 8:17

Tgt Ion:112 Resp: 592078
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 33.7 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: 100.302 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Instrument :

BNA_F

ClientSampleId :

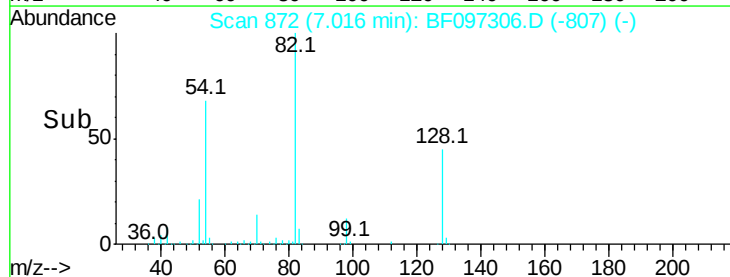
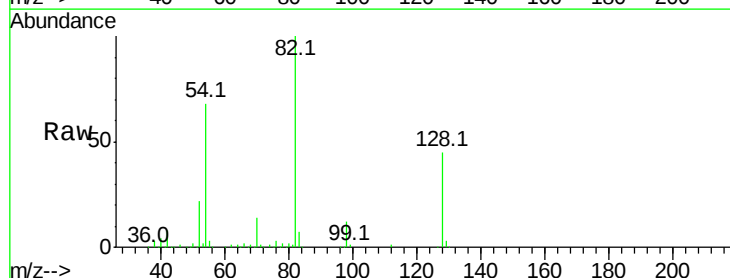
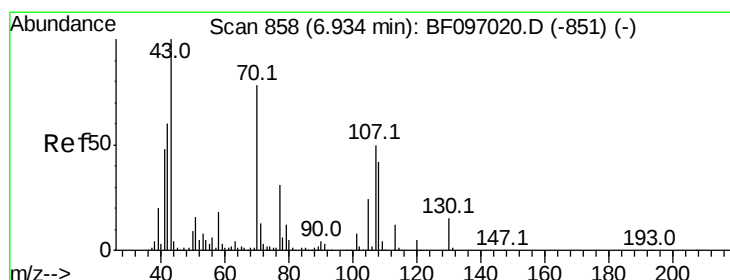
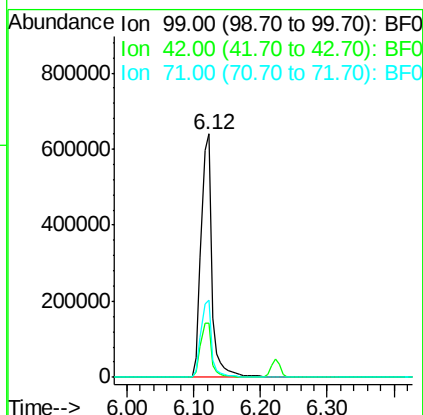
Tot Ion: 99 Resp: 698864

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

71 31.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.570 ng

RT: 7.02 min Scan# 872

Delta R.T. 0.08 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

Tgt Ion: 70 Resp: 57649

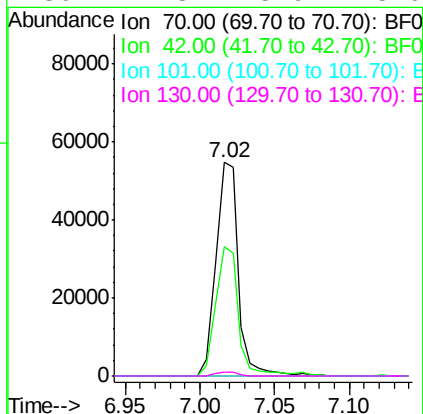
Ion Ratio Lower Upper

70 100

42 60.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097306.D

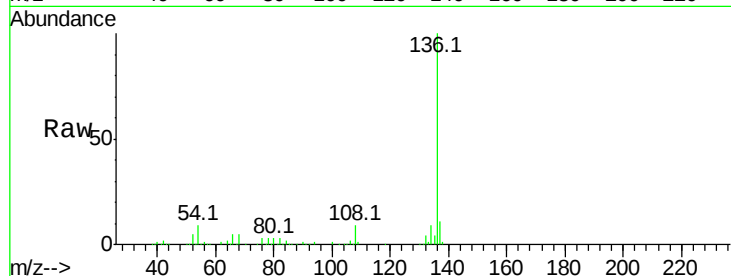
Acq: 3 Aug 2017 8:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	364912
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.3	4.9 7.3#
68	4.6	4.1 6.1

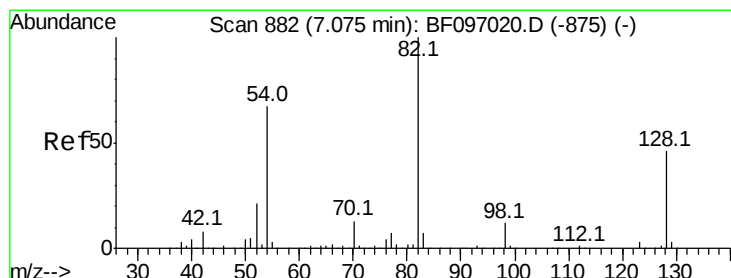
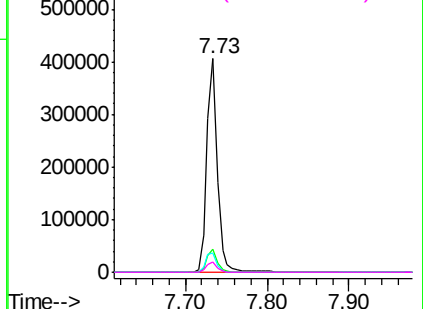
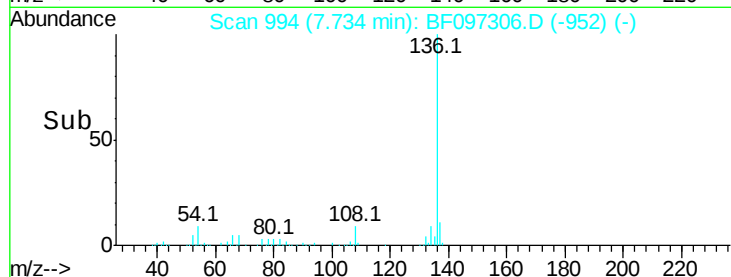


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.210 ng

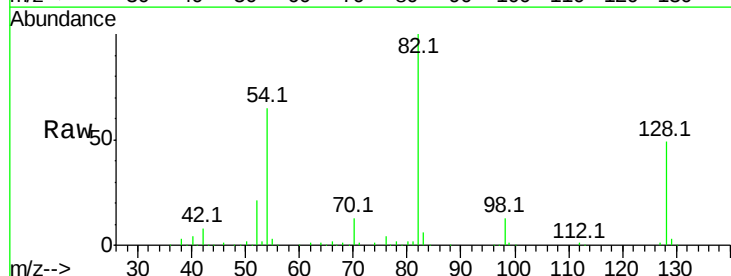
RT: 7.02 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF097306.D

Acq: 3 Aug 2017 8:17

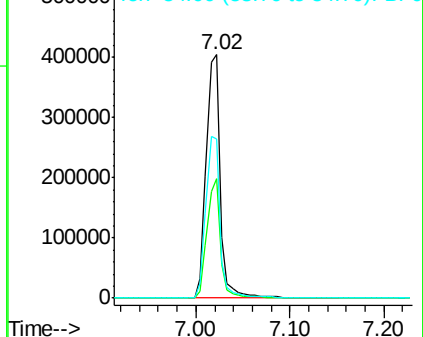
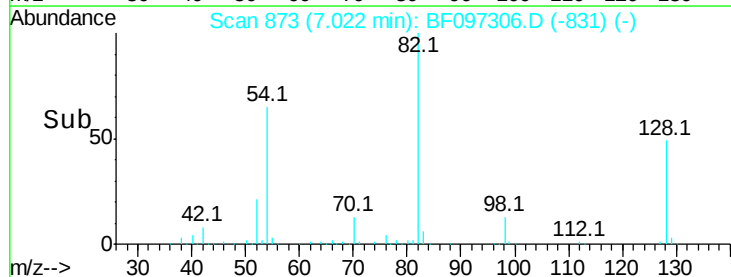
Tgt Ion: 82	Resp:	430511
Ion Ratio	Lower	Upper
82	100	
128	49.0	34.0 51.0
54	65.3	42.2 63.2#

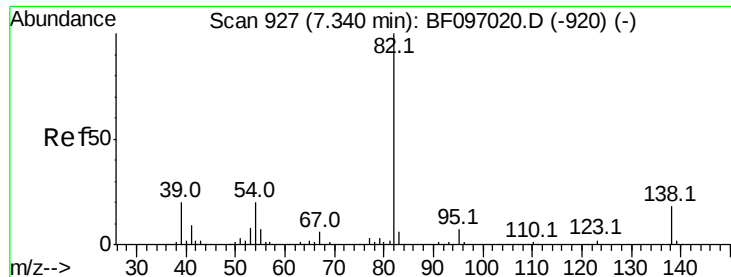


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

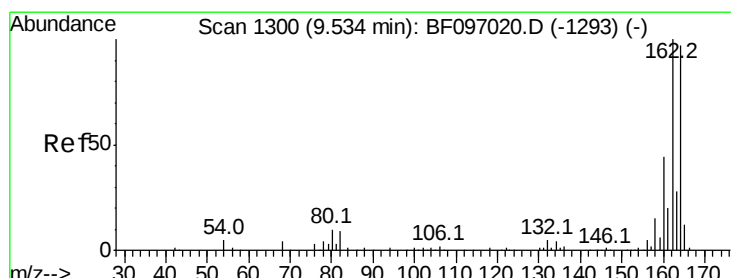
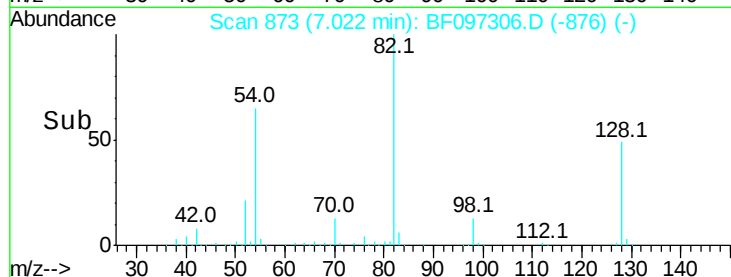
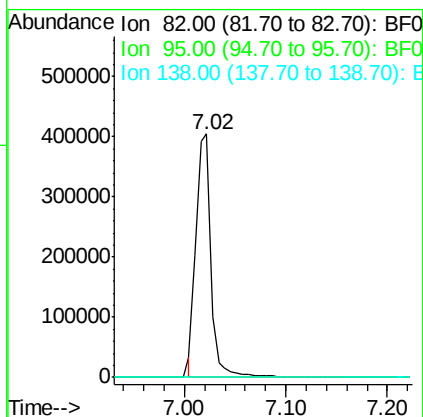
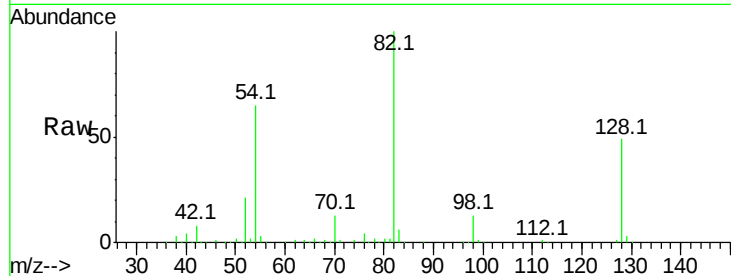




#25
Isophorone
Concen: 34.412 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097306.D
Acq: 3 Aug 2017 8:17

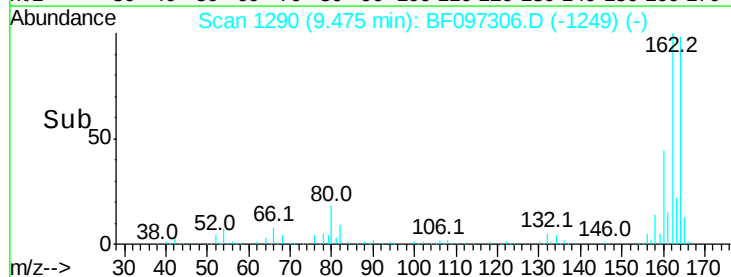
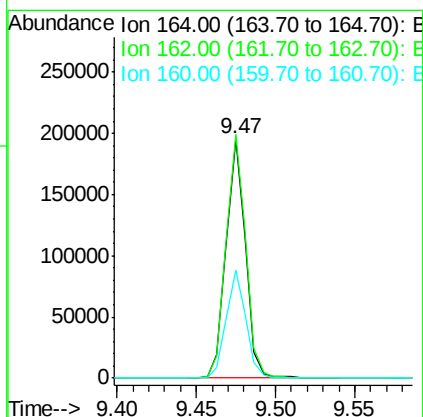
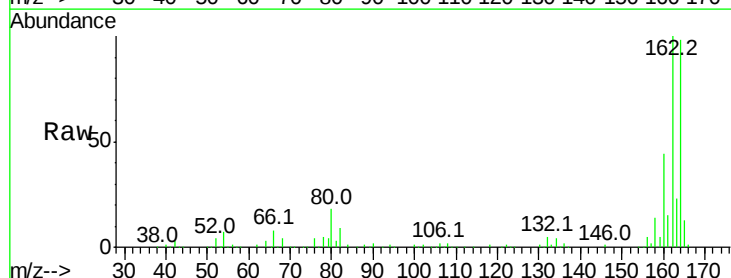
Instrument :
BNA_F
ClientSampled :

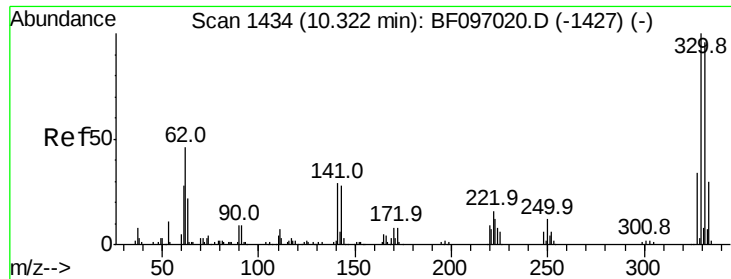
Tot Ion: 82 Resp: 419202
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097306.D
Acq: 3 Aug 2017 8:17

Tgt Ion:164 Resp: 165409
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.0 36.2 54.2

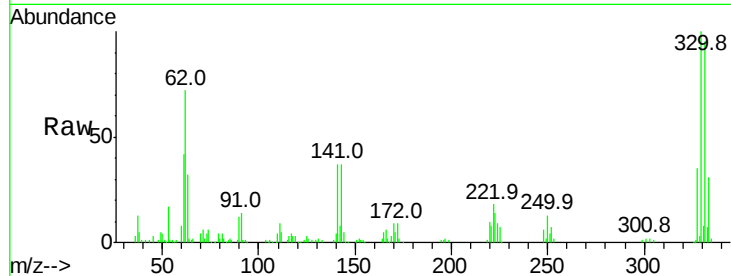




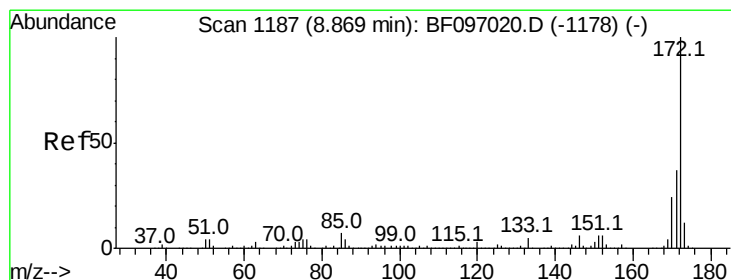
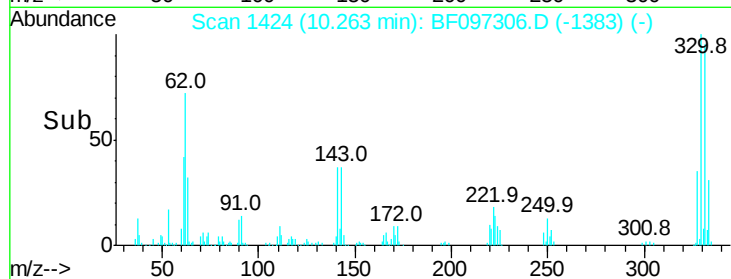
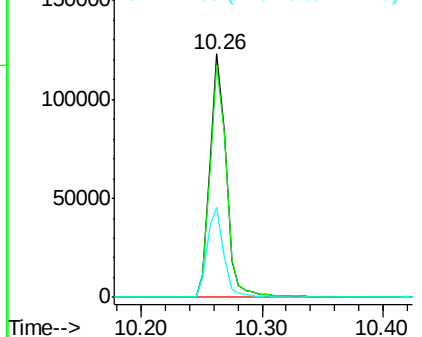
#41
 2,4,6-Tribromophenol
 Concen: 87.701 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 114616
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.8 31.4 47.2

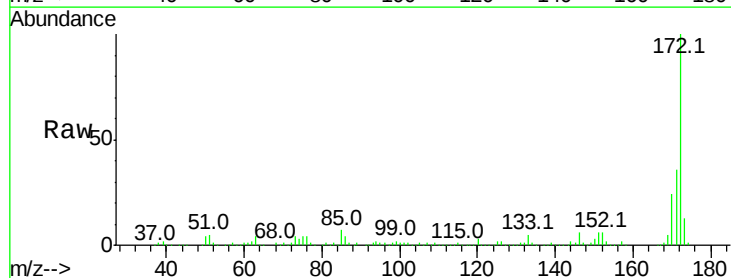


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

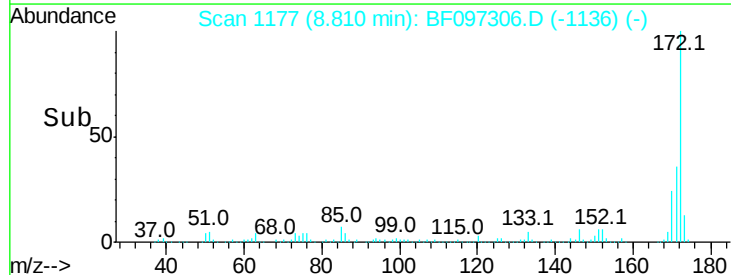
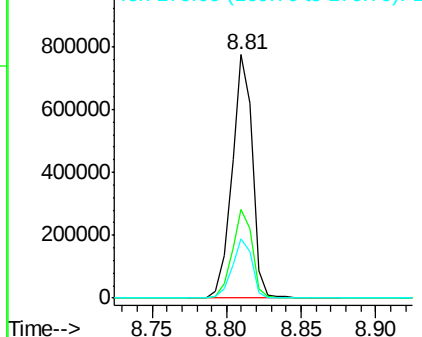


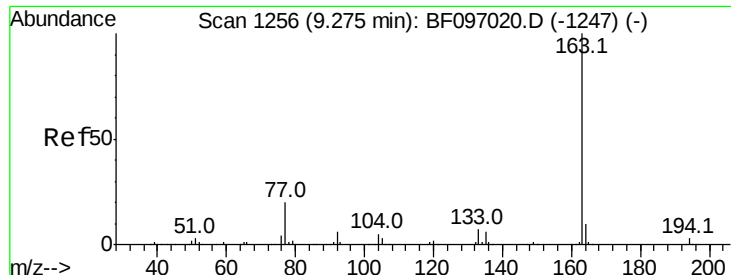
#44
 2-Fluorobiphenyl
 Concen: 76.277 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:172 Resp: 743444
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 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

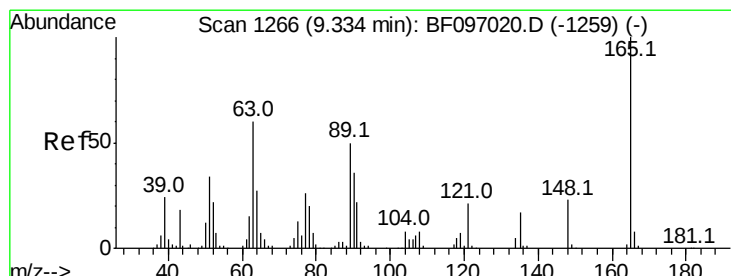
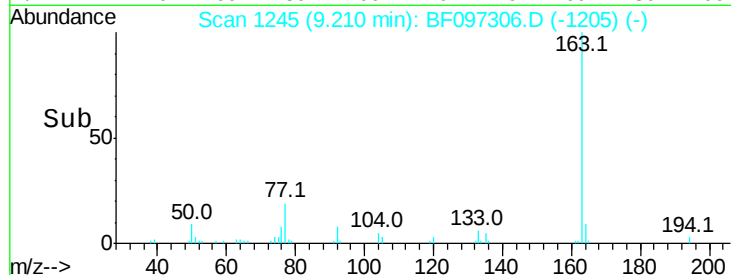
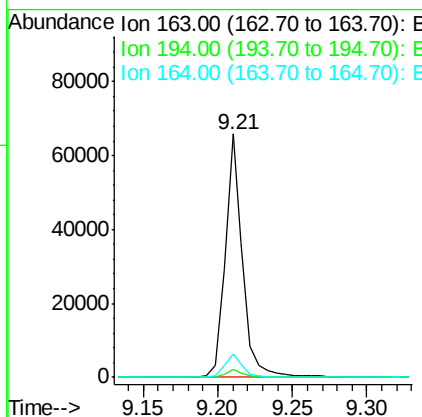
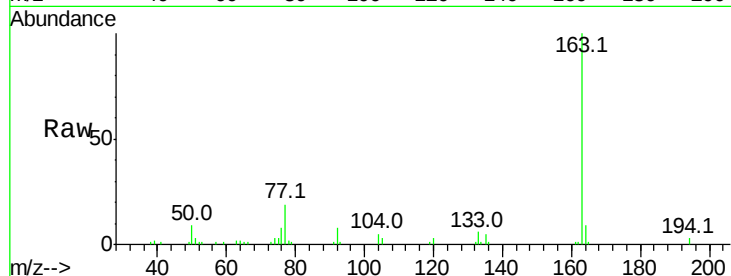




#49
 Dimethylphthalate
 Concen: 4.268 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

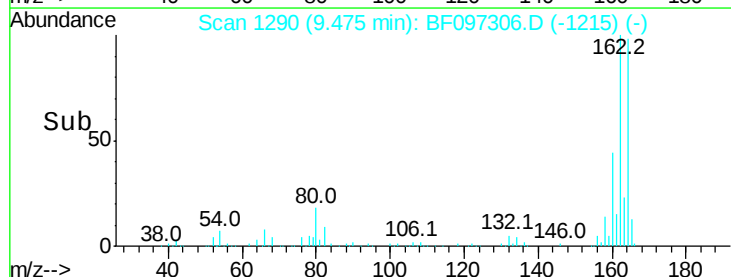
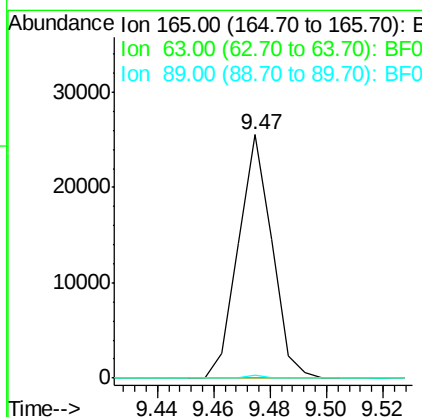
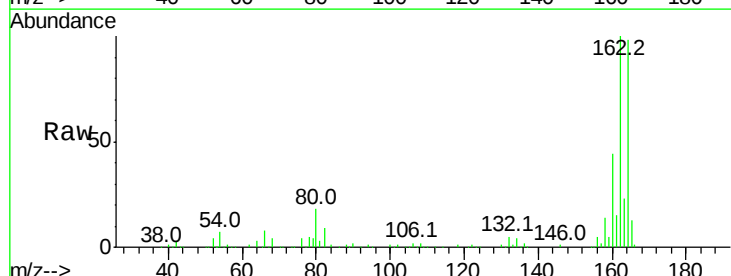
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp: 53610
Ion Ratio	Lower Upper
163 100	
194 3.3	2.6 4.0
164 9.5	8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 7.917 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. 0.14 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:165	Resp: 21091
Ion Ratio	Lower Upper
165 100	
63 0.0	34.3 51.5#
89 1.2	37.1 55.7#

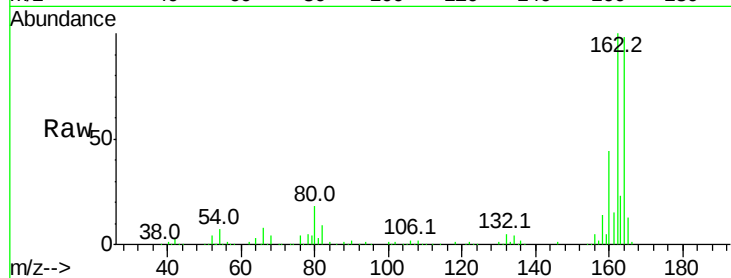




#56
 2,4-Dinitrotoluene
 Concen: 6.887 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

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

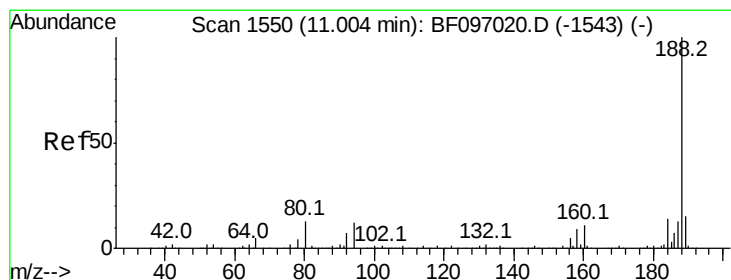
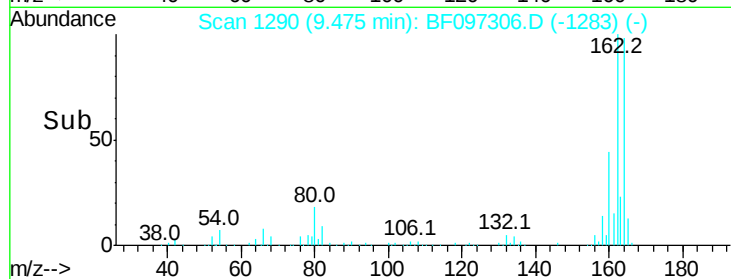
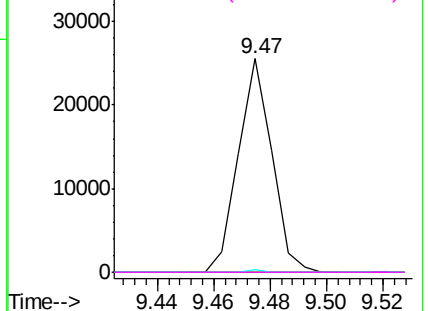


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

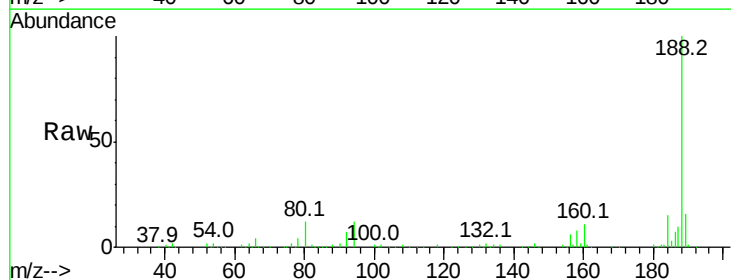
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

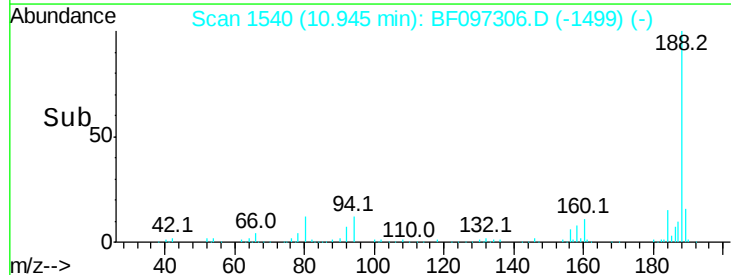
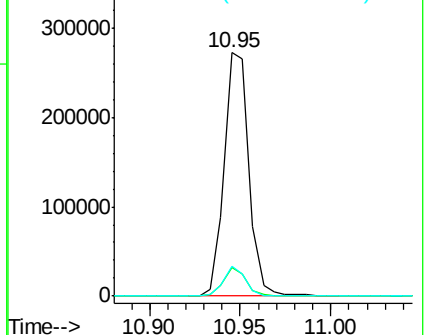
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.4	10.2	15.2

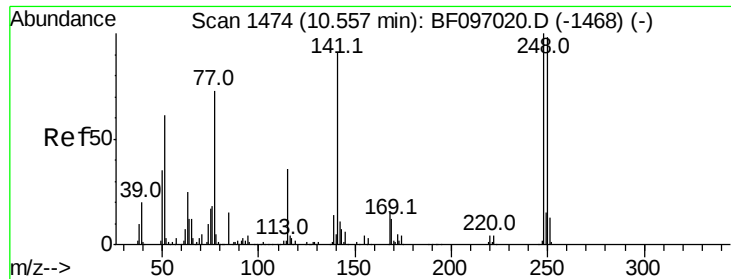


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

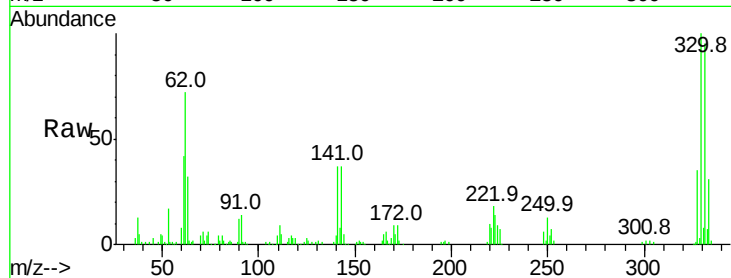




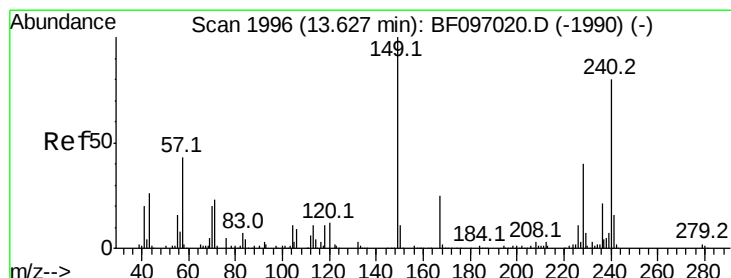
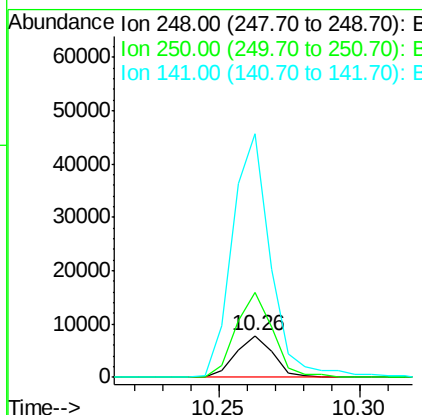
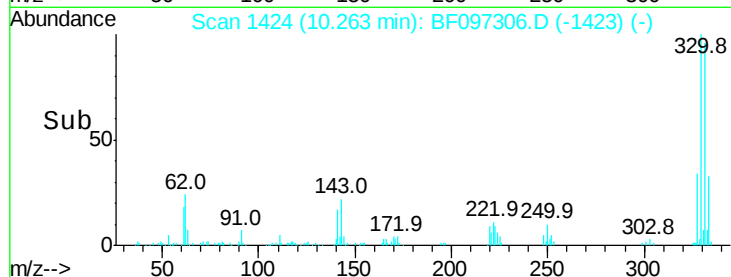
#66
 4-Bromophenyl-phenylether
 Concen: 2.788 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.29 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7205
 Ion Ratio Lower Upper
 248 100
 250 205.1 76.8 115.2#
 141 588.8 68.6 103.0#

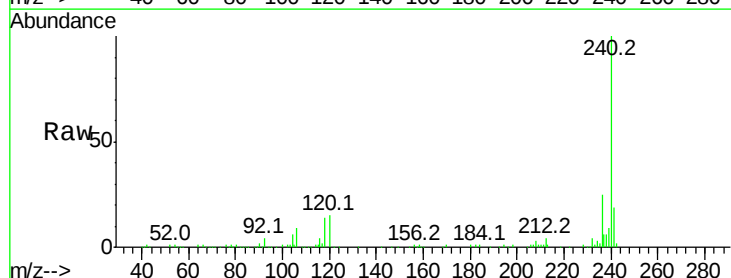


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

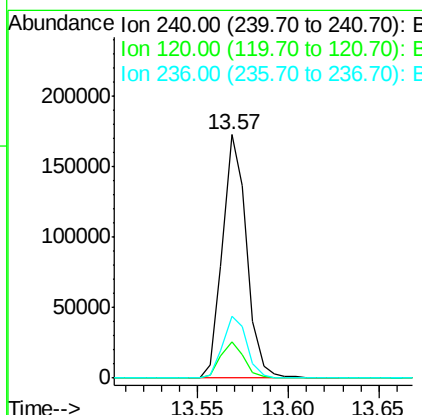
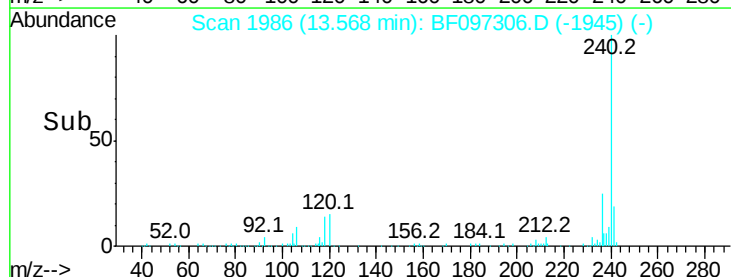


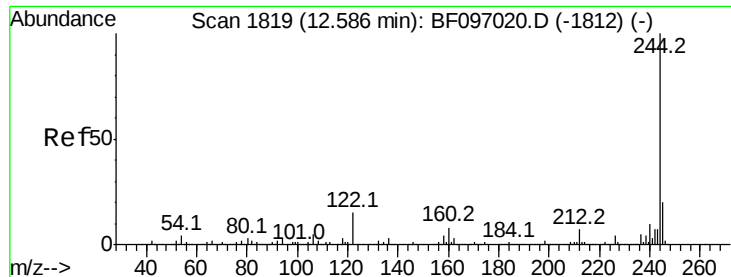
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:240 Resp: 159811
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.2 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

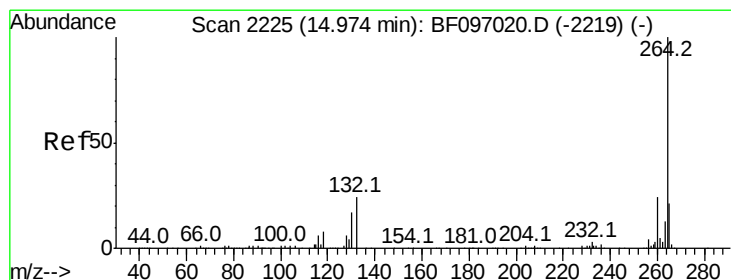
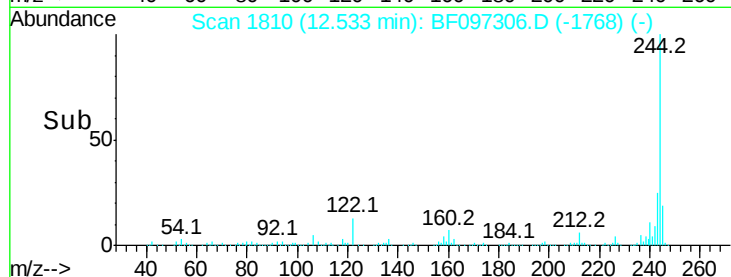
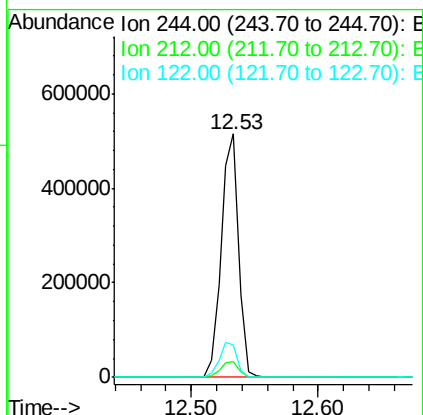
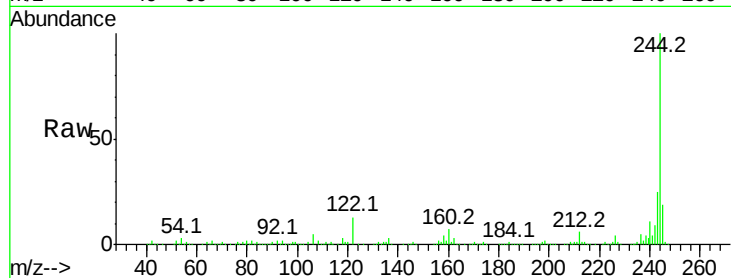




#78
 Terphenyl-d14
 Concen: 62.736 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.05 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 491739
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097306.D
 Acq: 3 Aug 2017 8:17

Tgt Ion:264 Resp: 139810
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.5 17.2 25.8

