

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097038.D
 Acq On : 25 Jul 2017 19:30
 Operator : SJ/JU
 Sample : I4369-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Quant Time: Jul 26 01:04:50 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

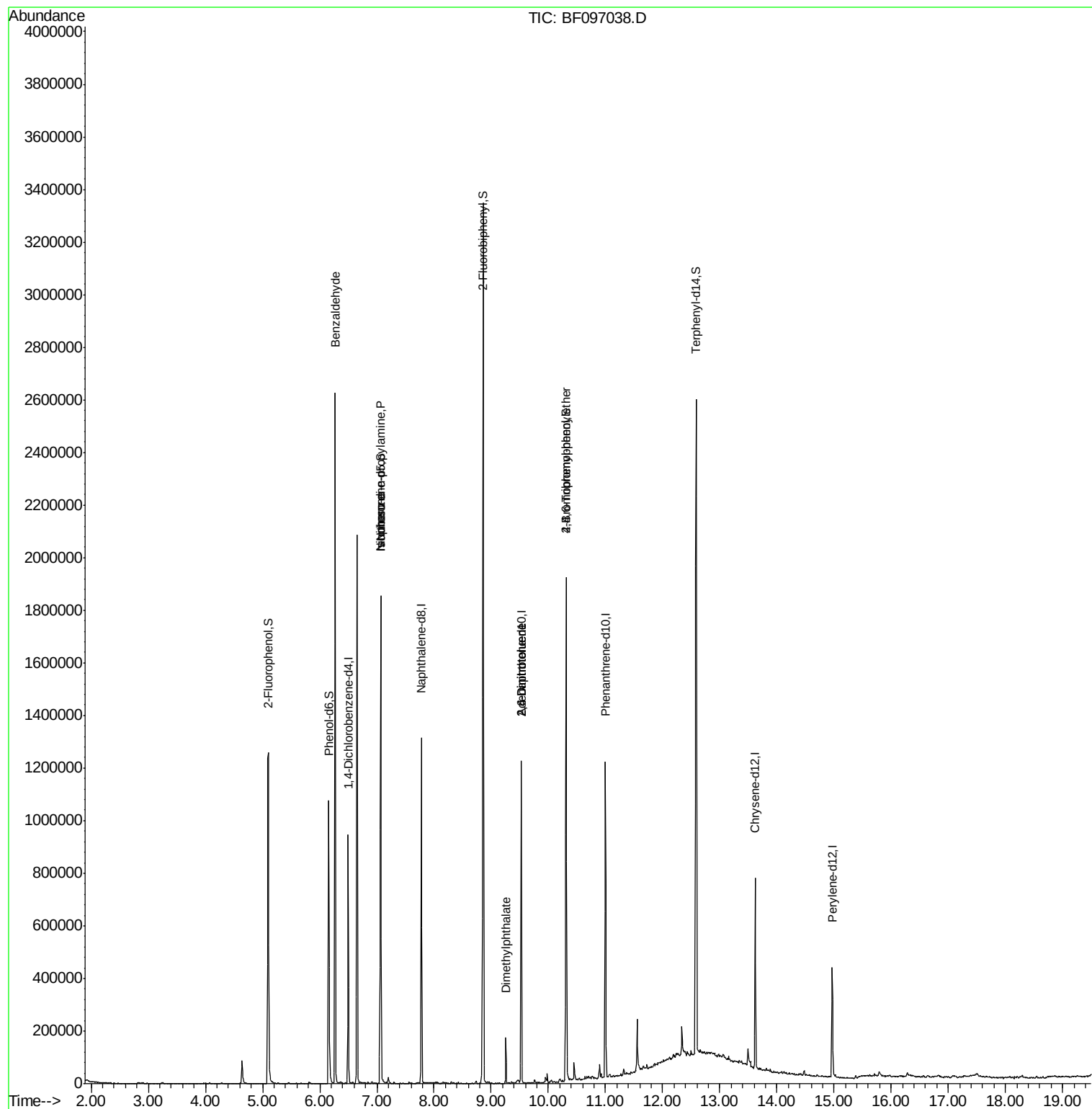
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139927	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	580087	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	250216	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	388332	20.00	ng	0.00
75) Chrysene-d12	13.62	240	232390	20.00	ng	0.00
86) Perylene-d12	14.97	264	160091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	392089	42.24	ng	0.00
7) Phenol-d6	6.16	99	358996	33.88	ng	-0.01
23) Nitrobenzene-d5	7.07	82	616894	62.39	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	239756	121.28	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1201633	81.50	ng	0.00
78) Terphenyl-d14	12.59	244	914372	80.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	14575	2.32	ng	# 75
19) n-Nitroso-di-n-propylamine	7.07	70	83354	11.95	ng	# 87
25) Isophorone	7.07	82	603825	31.18	ng	# 67
49) Dimethylphthalate	9.26	163	60716	3.20	ng	99
50) 2,6-Dinitrotoluene	9.53	165	31336	7.78	ng	# 33
56) 2,4-Dinitrotoluene	9.53	165	31336	6.76	ng	# 32
66) 4-Bromophenyl-phenylether	10.32	248	14648	3.78	ng	# 1

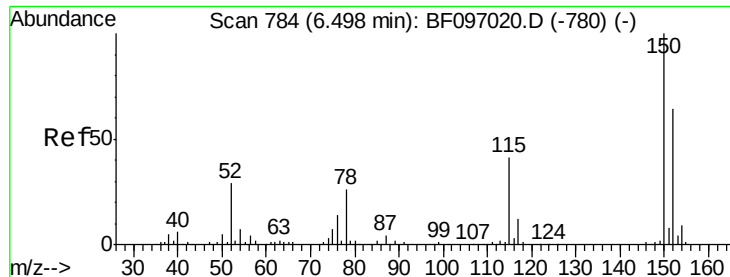
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Instrument :

BNA_F

ClientSampleId :

MW-4-20170720

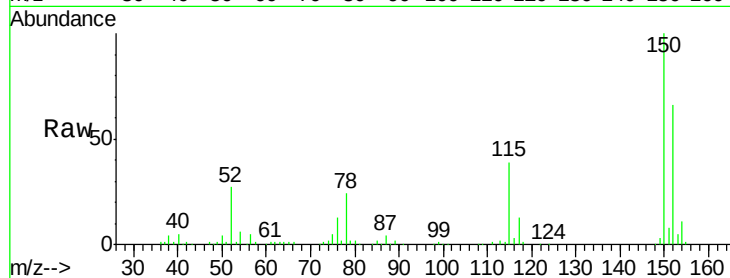
Tot Ion:152 Resp: 139927

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

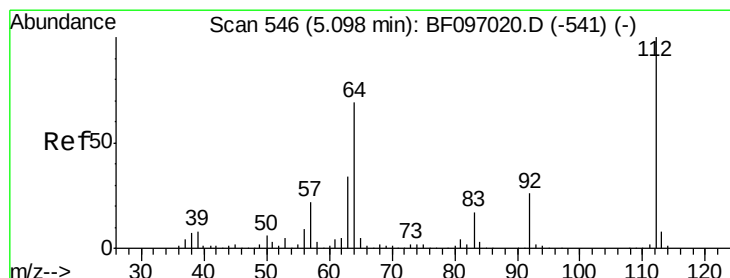
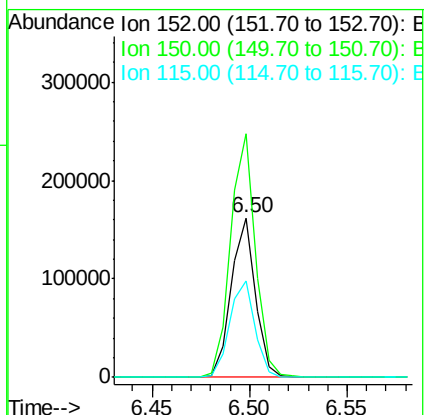
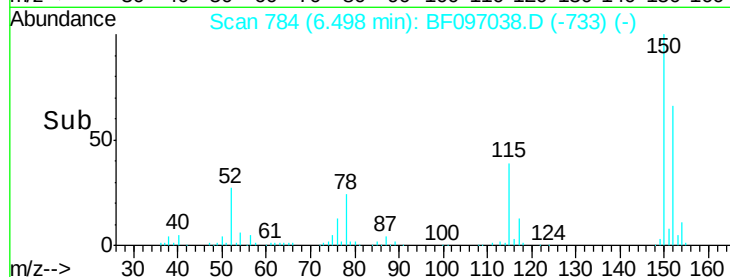
115 60.1 52.2 78.2



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: 42.24 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

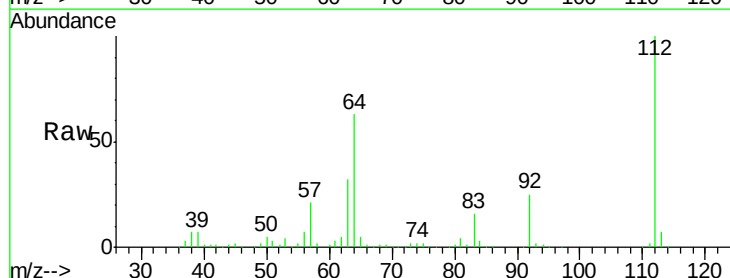
Tgt Ion:112 Resp: 392089

Ion Ratio Lower Upper

112 100

64 63.4 46.0 69.0

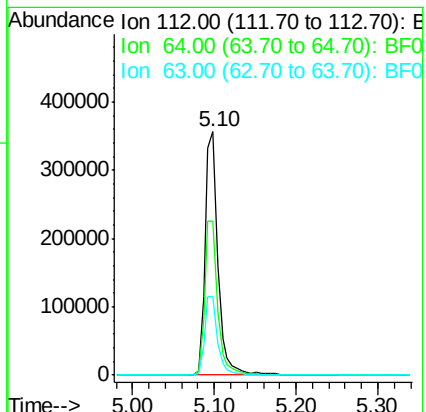
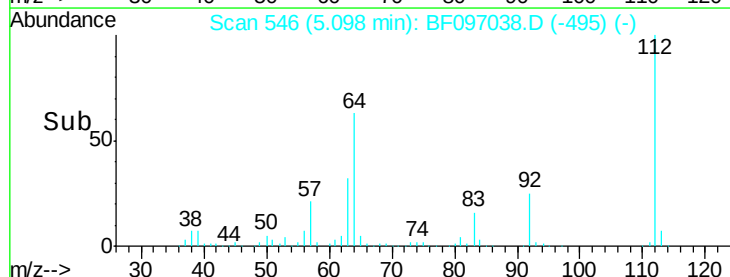
63 32.3 23.4 35.0

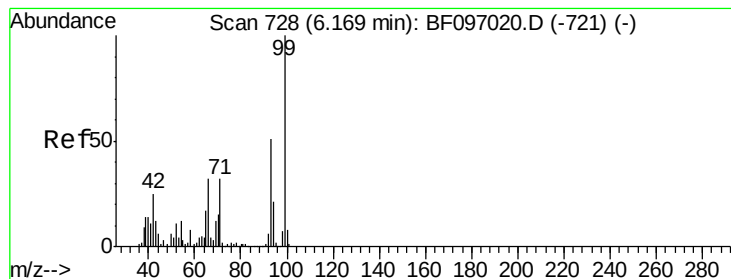


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.88 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Instrument :

BNA_F

ClientSampleId :

MW-4-20170720

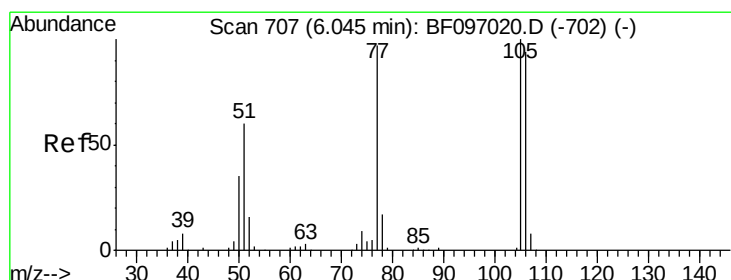
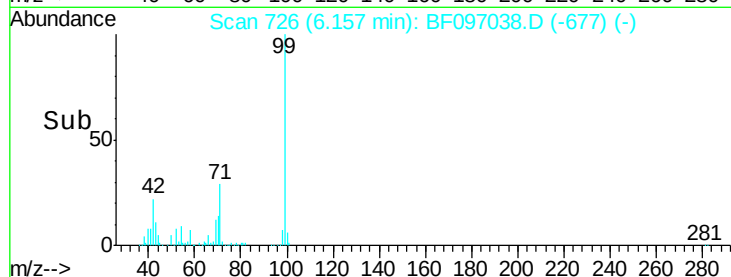
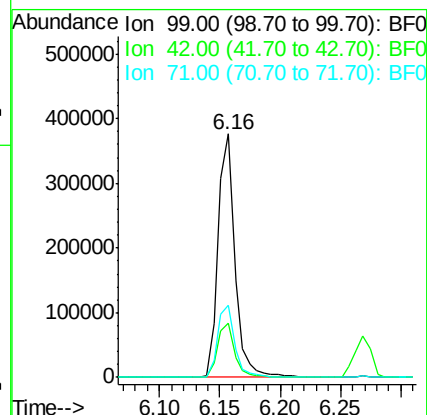
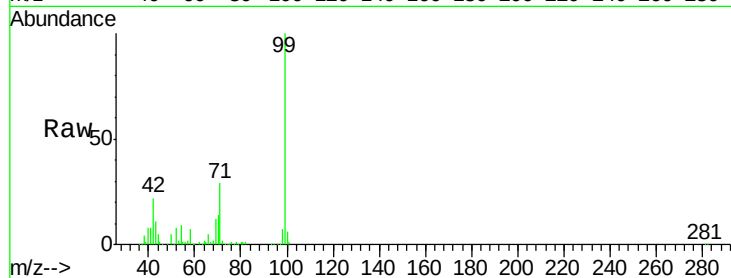
Tot Ion: 99 Resp: 358996

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

71 29.4 24.5 36.7



#9

Benzaldehyde

Concen: 2.32 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

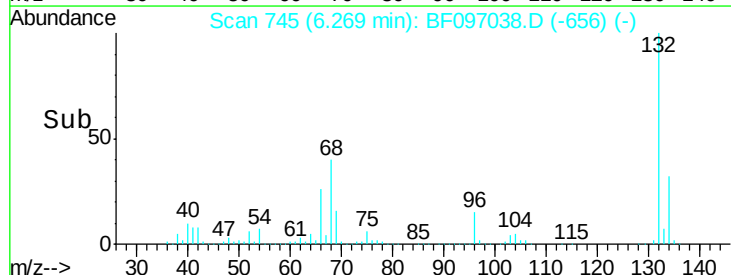
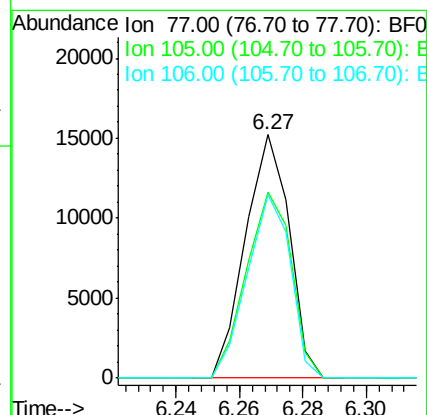
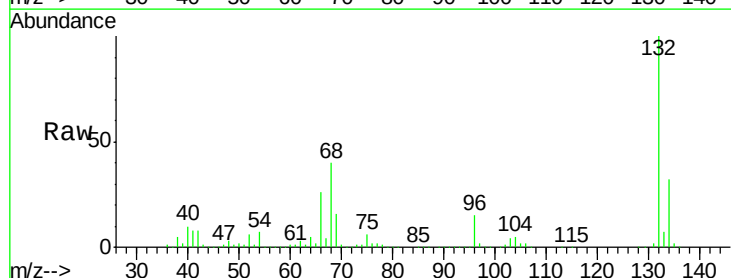
Tgt Ion: 77 Resp: 14575

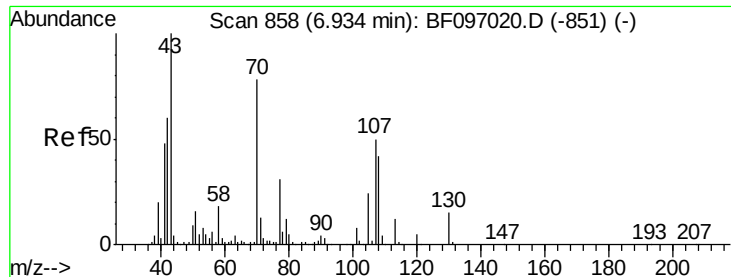
Ion Ratio Lower Upper

77 100

105 76.5 83.8 123.8#

106 75.2 79.1 119.1#

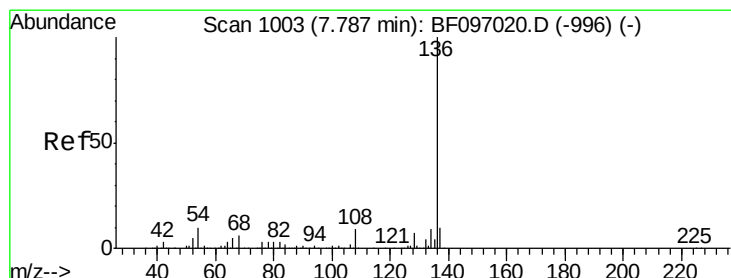
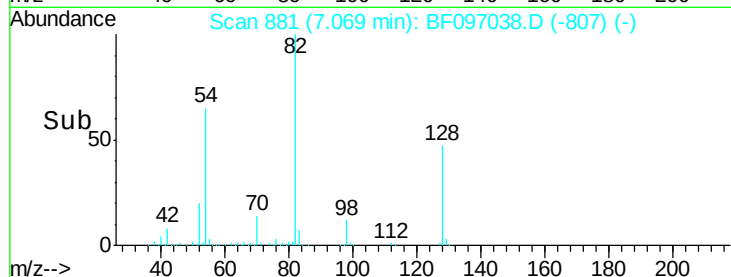
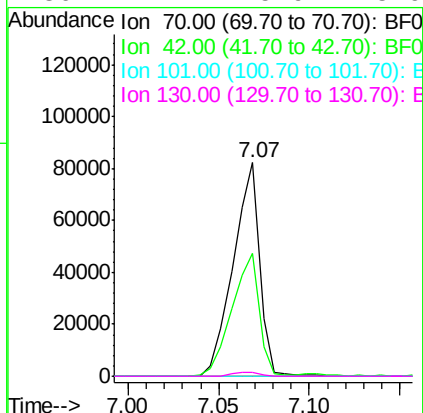
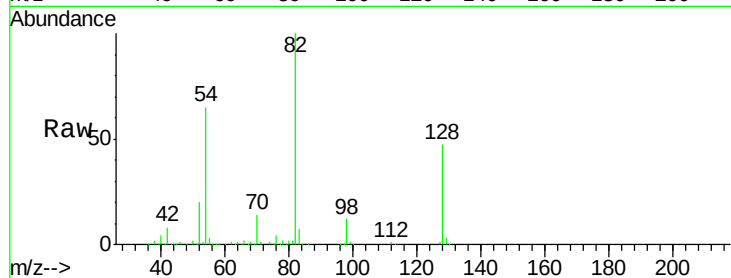




#19
n-Nitroso-di-n-propylamine
Concen: 11.95 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

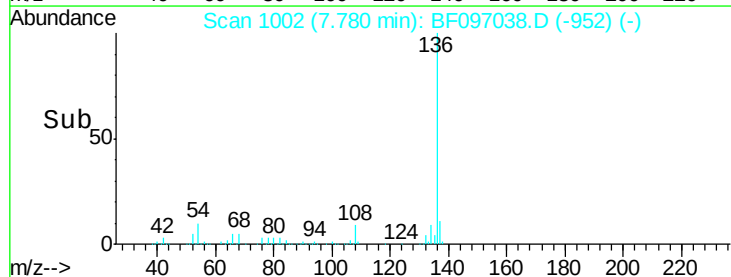
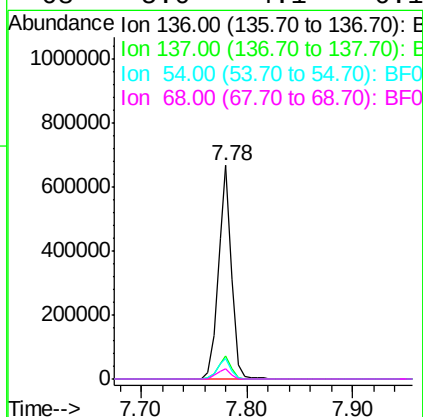
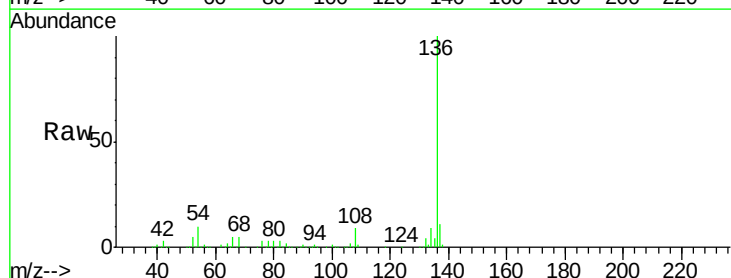
Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

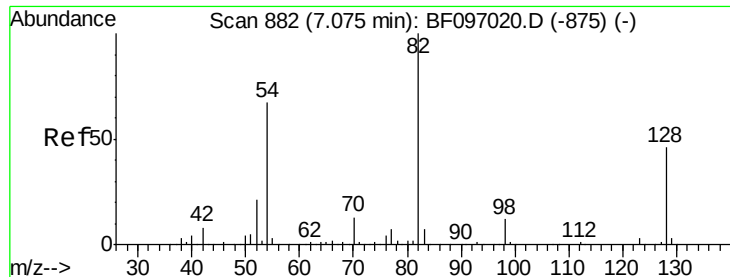
Tot Ion: 70 Resp: 83354
Ion Ratio Lower Upper
70 100
42 57.7 47.2 70.8
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion:136 Resp: 580087
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.8 4.9 7.3#
68 5.0 4.1 6.1

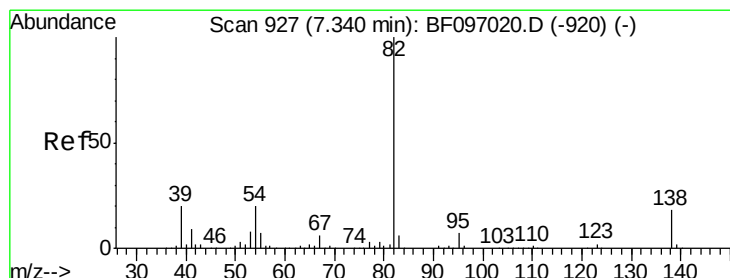
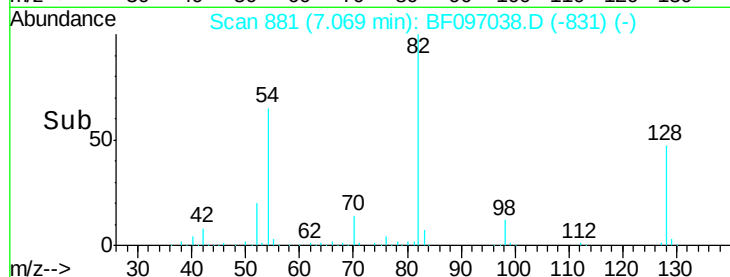
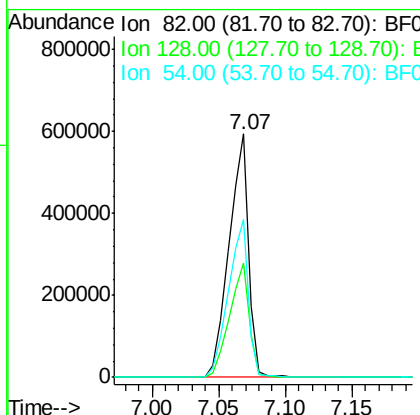
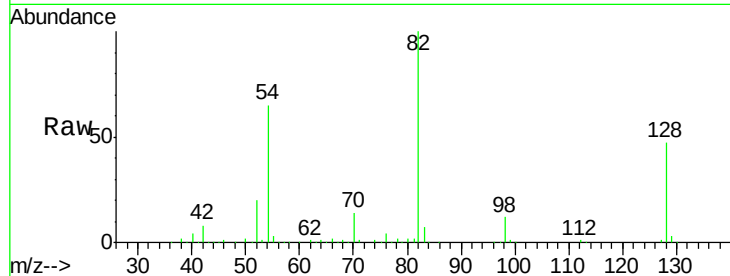




#23
Nitrobenzene-d5
Concen: 62.39 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

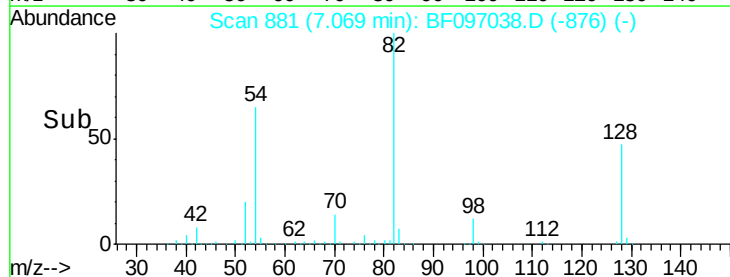
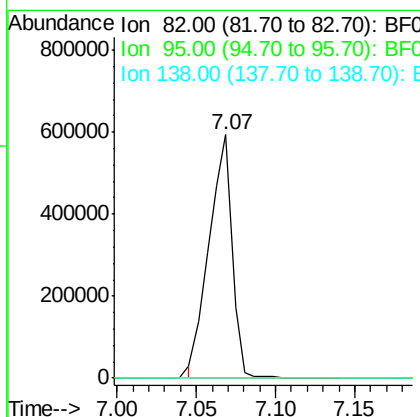
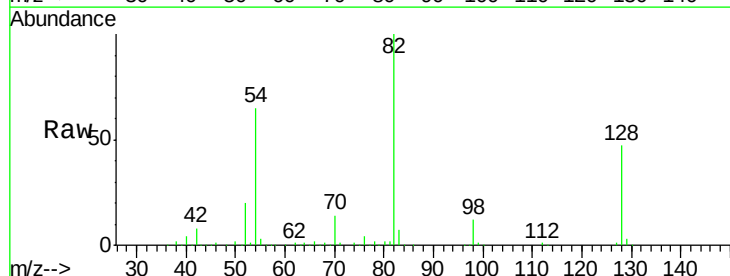
Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

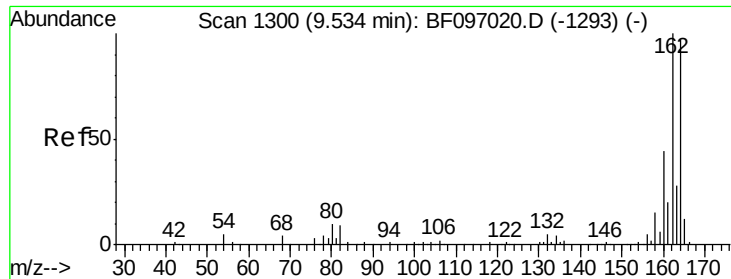
Tot Ion: 82 Resp: 616894
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 64.6 42.2 63.2#



#25
Isophorone
Concen: 31.18 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion: 82 Resp: 603825
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

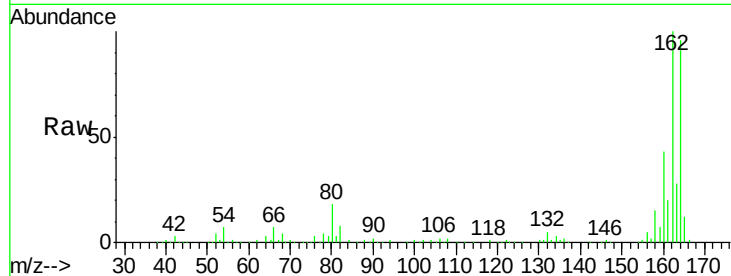




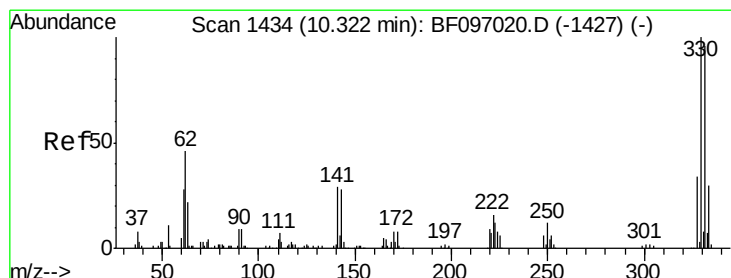
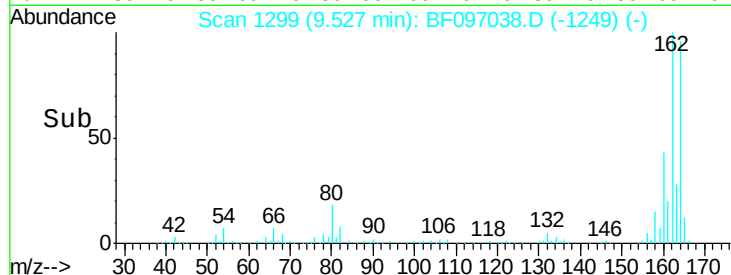
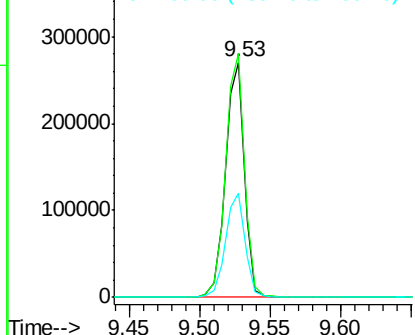
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Tot Ion:164 Resp: 250216
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.4 36.2 54.2

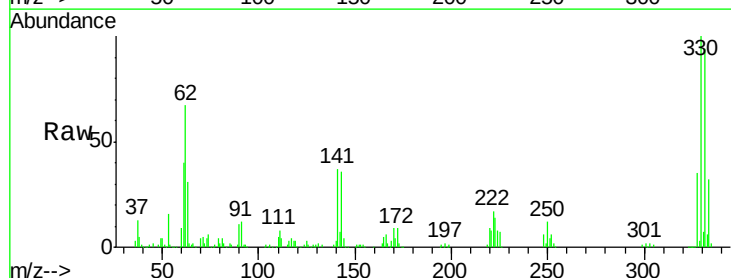


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

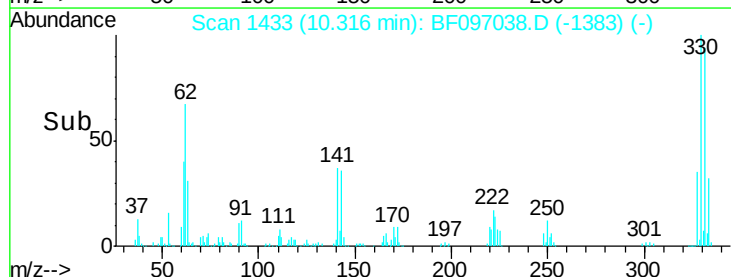
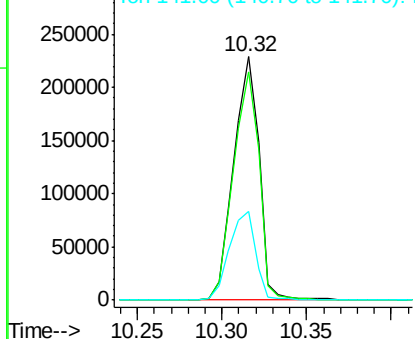


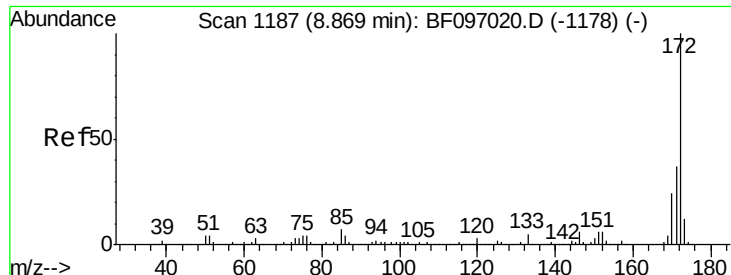
#41
 2,4,6-Tribromophenol
 Concen: 121.28 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Tgt Ion:330 Resp: 239756
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.9 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

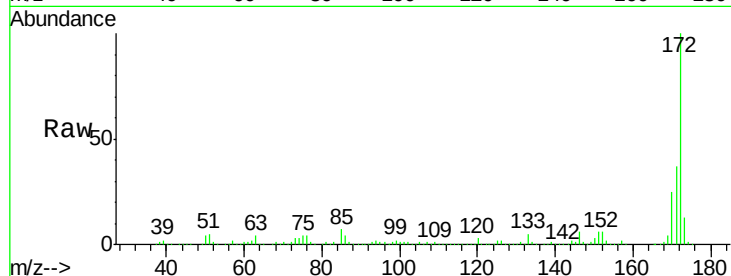




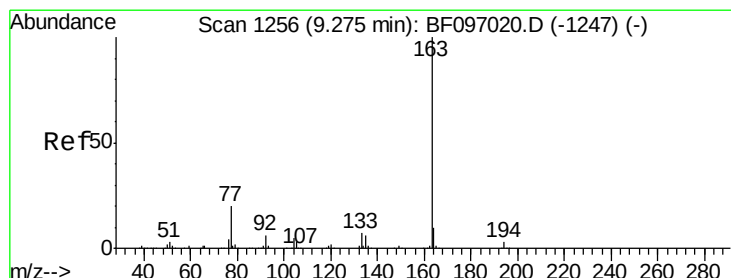
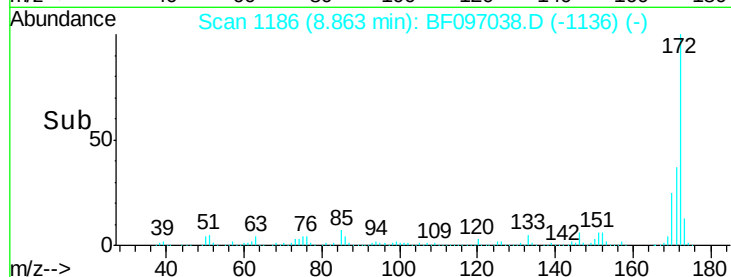
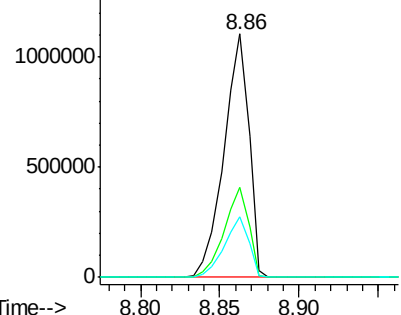
#44
2-Fluorobiphenyl
Concen: 81.50 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

Tot Ion:172 Resp: 1201633
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.7 19.8 29.8

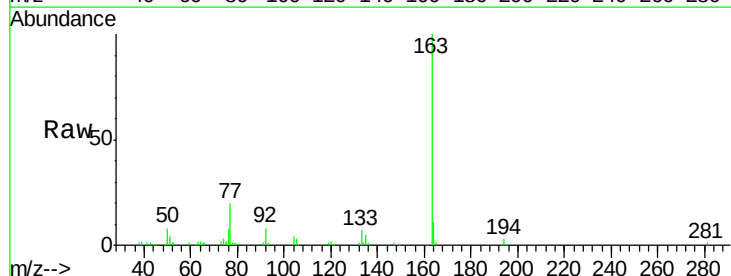


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

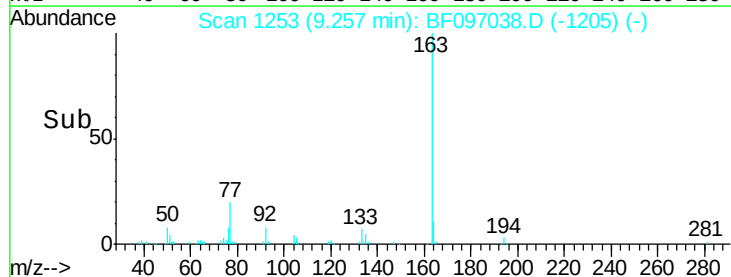
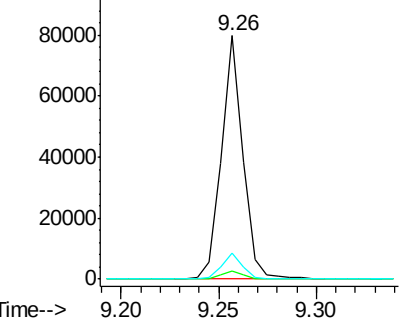


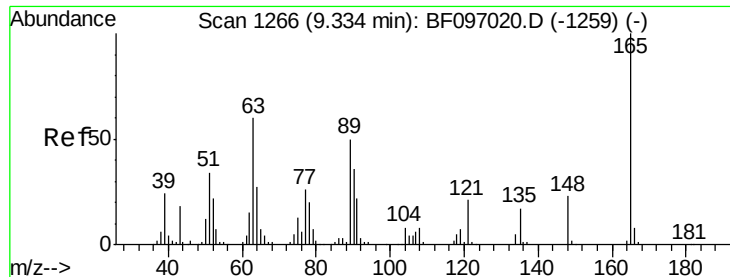
#49
Dimethylphthalate
Concen: 3.20 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion:163 Resp: 60716
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.9 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

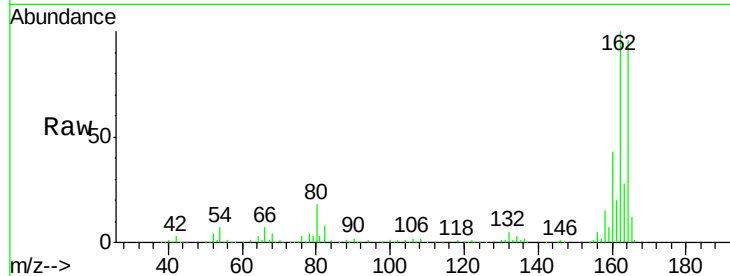




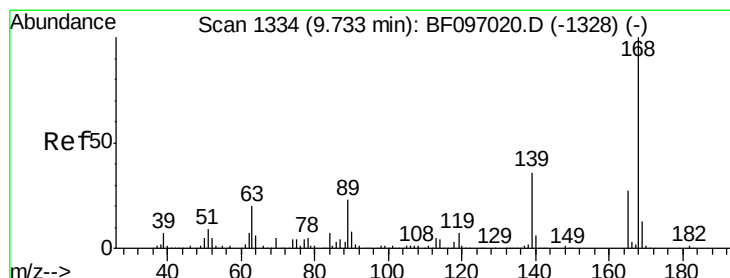
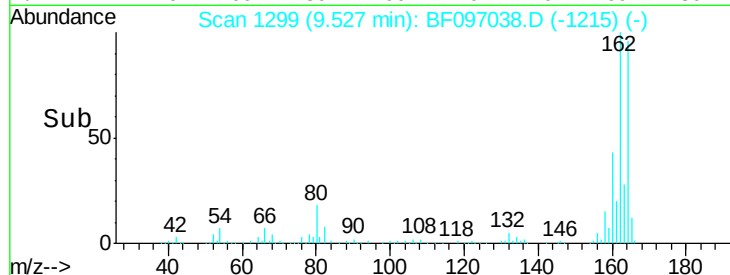
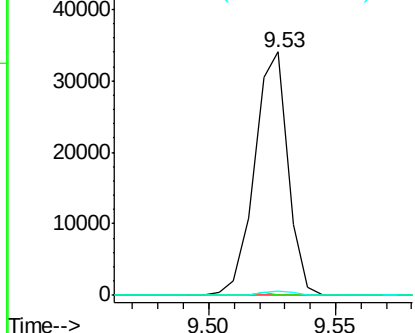
#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Tot Ion:165 Resp: 31336
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.8 37.1 55.7#

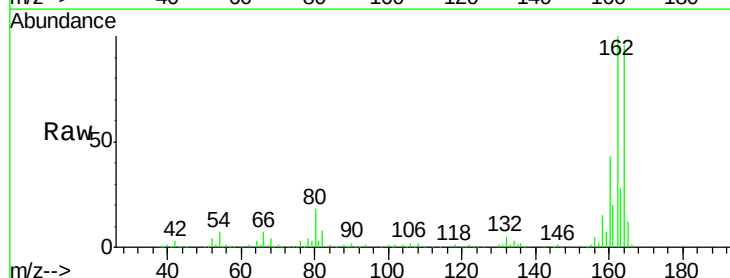


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

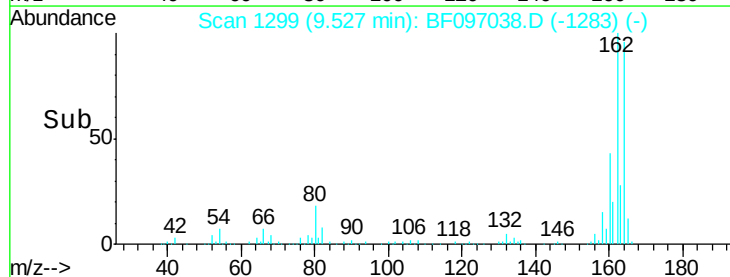
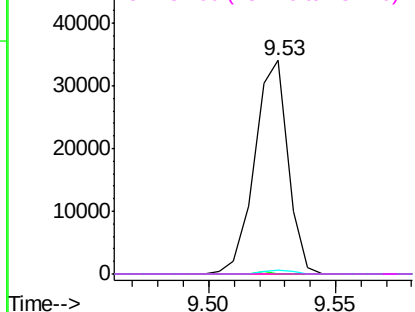


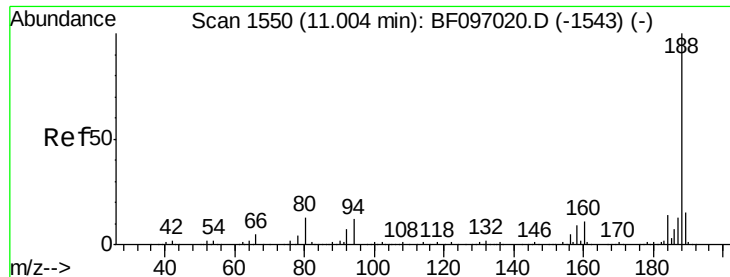
#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Tgt Ion:165 Resp: 31336
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.8 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

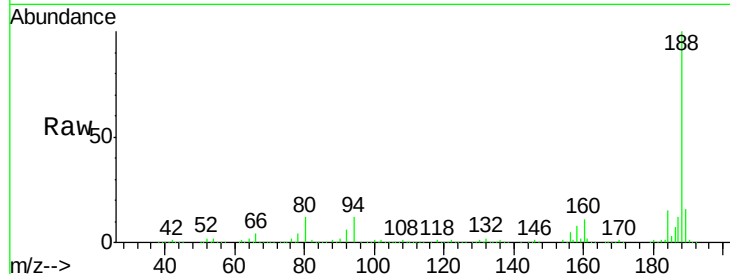




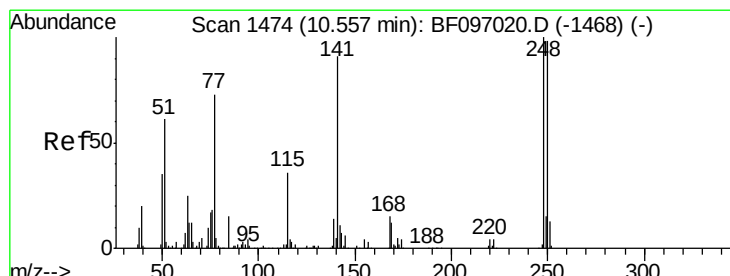
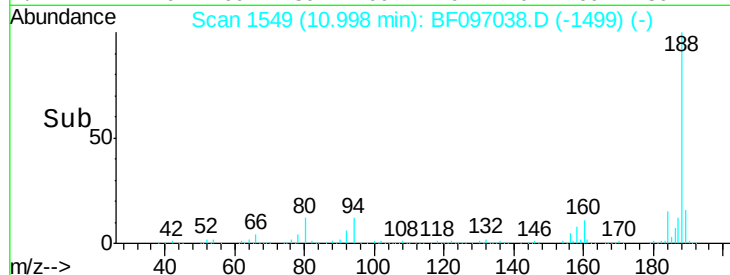
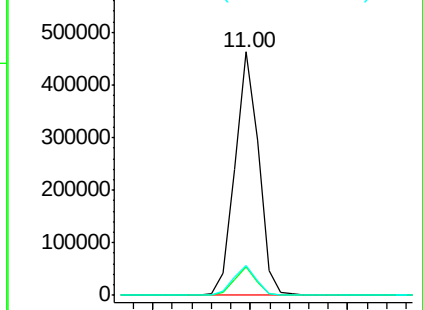
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.1	10.2	15.2

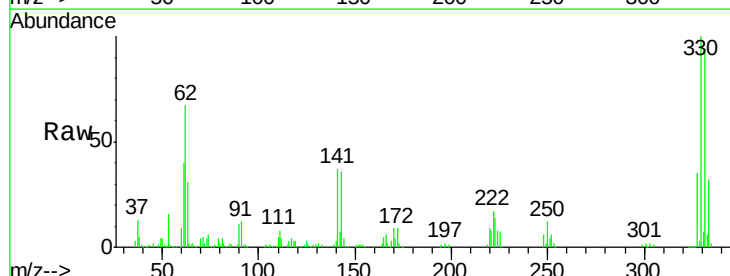


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

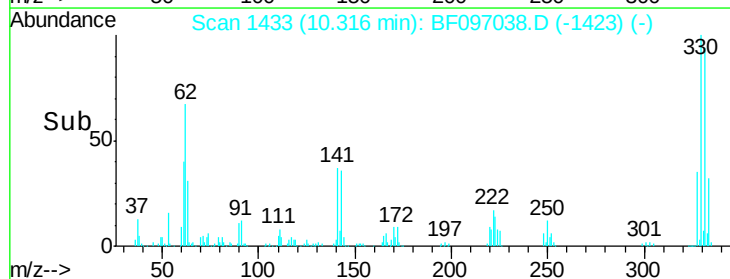
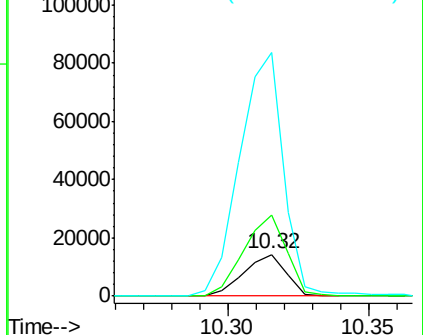


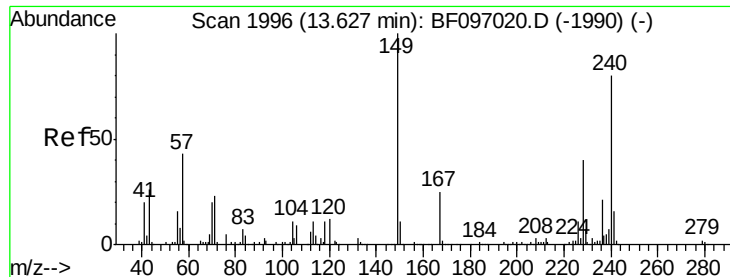
#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.8	115.2#
141	584.8	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: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Instrument :

BNA_F

ClientSampleId :

MW-4-20170720

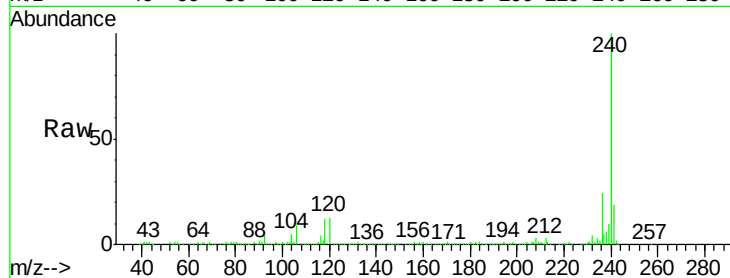
Tot Ion:240 Resp: 232390

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

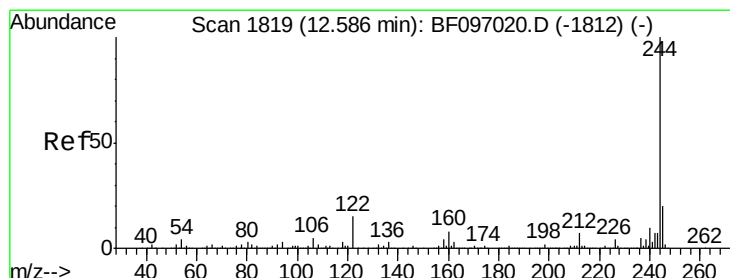
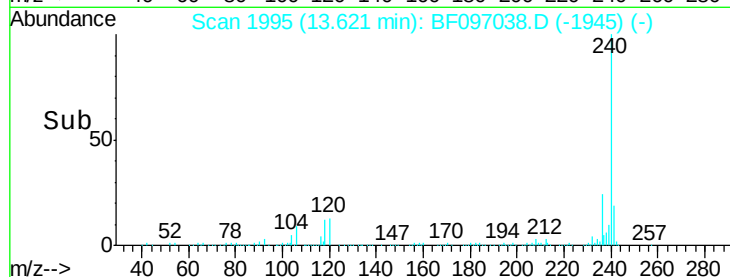
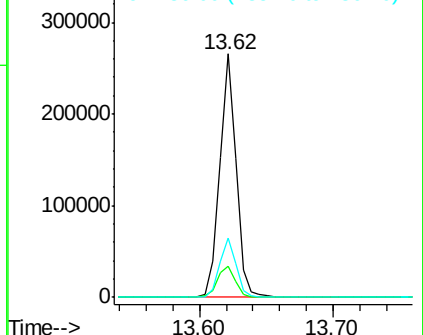
236 24.3 20.5 30.7



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: 80.22 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

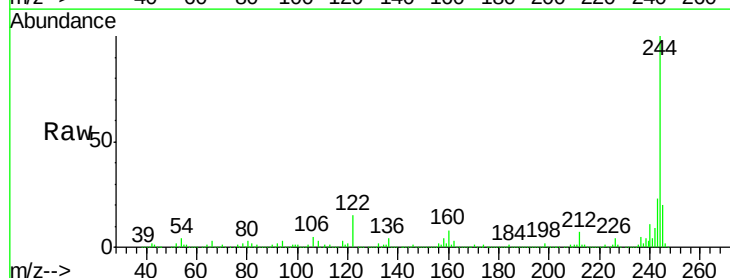
Tgt Ion:244 Resp: 914372

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

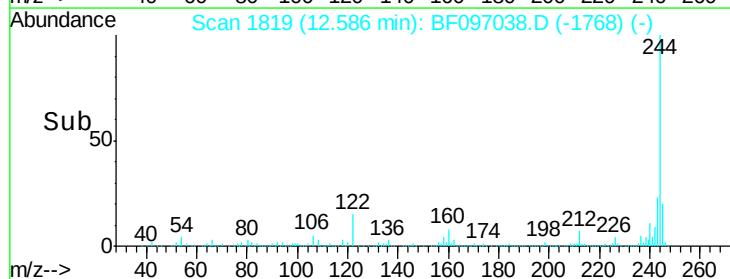
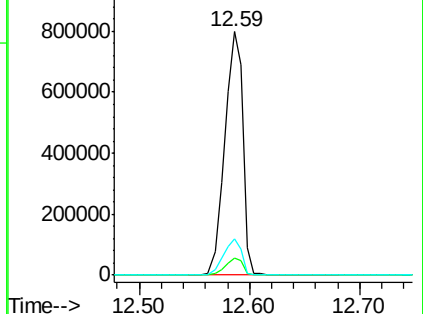
122 15.0 10.3 15.5

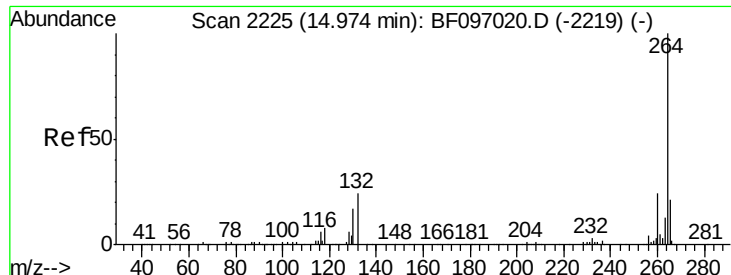


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

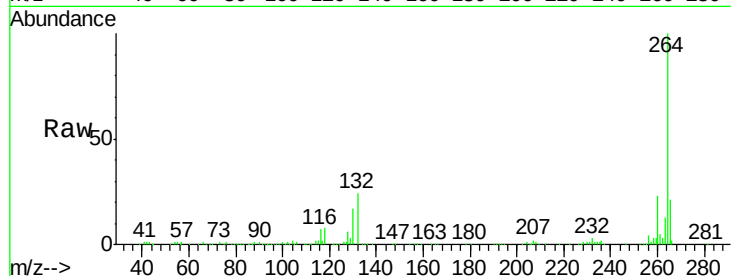




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Tot Ion:	264	Resp:	160091
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	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

