

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097162.D
 Acq On : 28 Jul 2017 19:08
 Operator : SJ/JU
 Sample : I4432-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jul 28 22:42:35 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

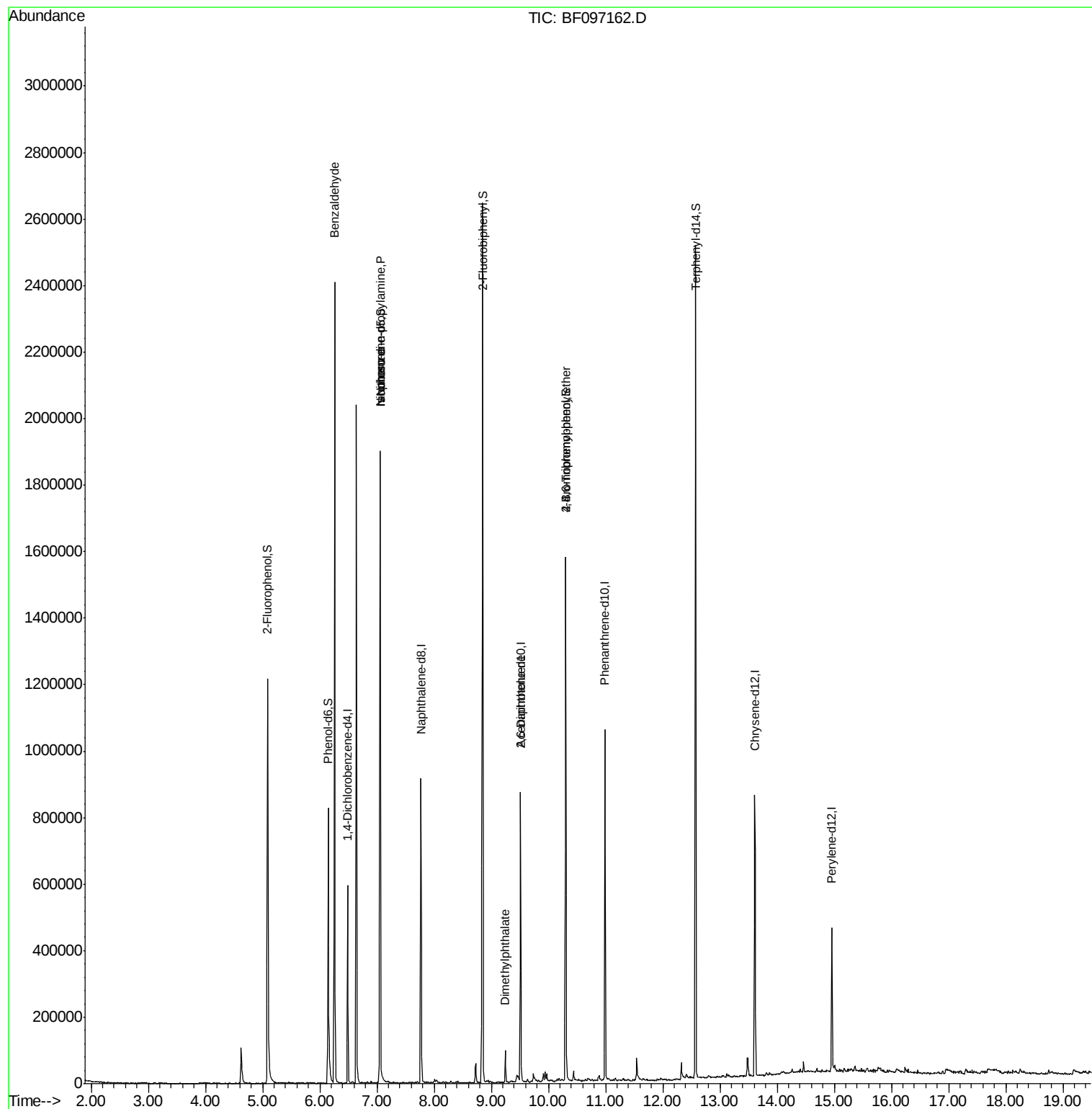
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	91673	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	416061	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	184333	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	346212	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	280040	20.00	ng	-0.02
86) Perylene-d12	14.96	264	172263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	396084	65.13	ng	-0.01
7) Phenol-d6	6.15	99	297561	42.86	ng	-0.02
23) Nitrobenzene-d5	7.06	82	652233	91.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	183134	125.74	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	971093	89.41	ng	-0.02
78) Terphenyl-d14	12.57	244	880279	64.09	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.26	77	12699	3.09	ng	# 74
19) n-Nitroso-di-n-propylamine	7.06	70	86922	19.02	ng	# 88
25) Isophorone	7.06	82	641368	46.18	ng	# 67
49) Dimethylphthalate	9.25	163	34999	2.50	ng	99
50) 2,6-Dinitrotoluene	9.51	165	23865	8.04	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	11764	3.40	ng	# 1

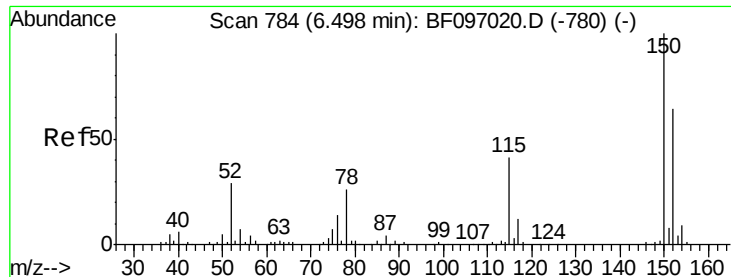
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097162.D

Acq: 28 Jul 2017 19:08

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BNA_F

ClientSampleId :

MW-5

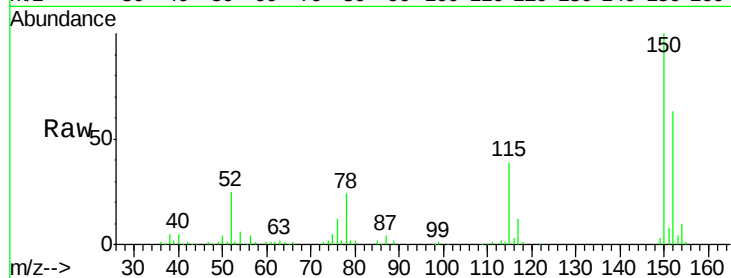
Tot Ion:152 Resp: 91673

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

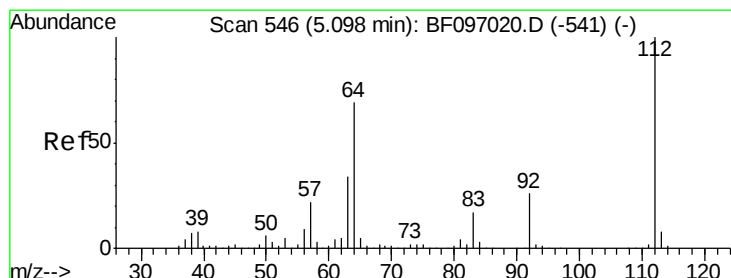
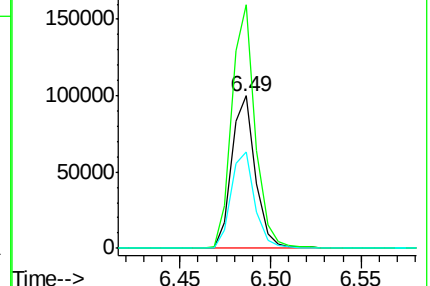
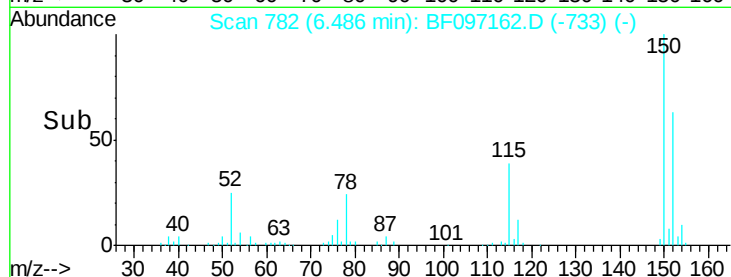
115 63.1 52.2 78.2



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: 65.13 ng

RT: 5.09 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

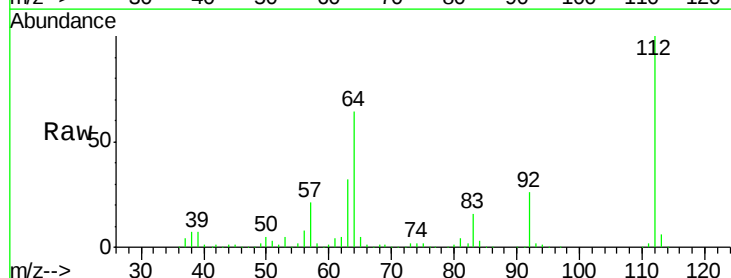
Tgt Ion:112 Resp: 396084

Ion Ratio Lower Upper

112 100

64 63.5 46.0 69.0

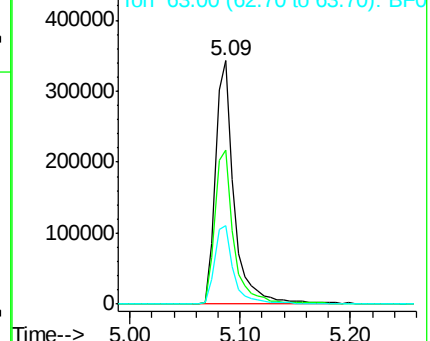
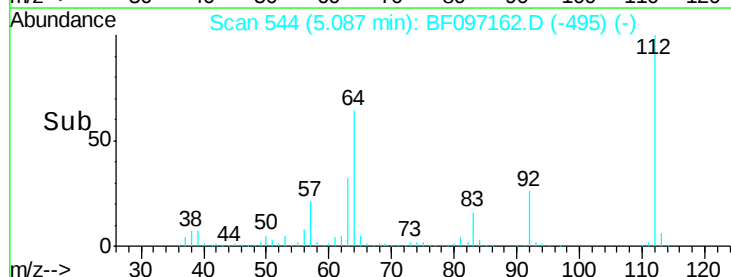
63 32.4 23.4 35.0

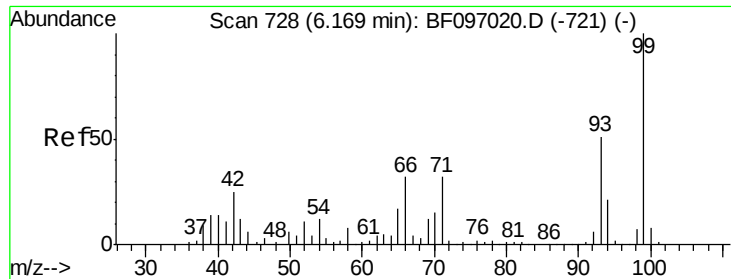


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.86 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

Instrument :

BNA_F

ClientSampleId :

MW-5

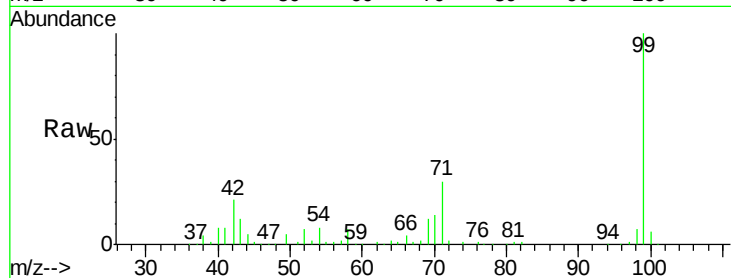
Tot Ion: 99 Resp: 297561

Ion Ratio Lower Upper

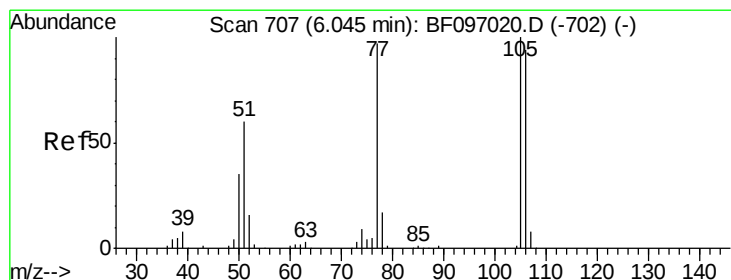
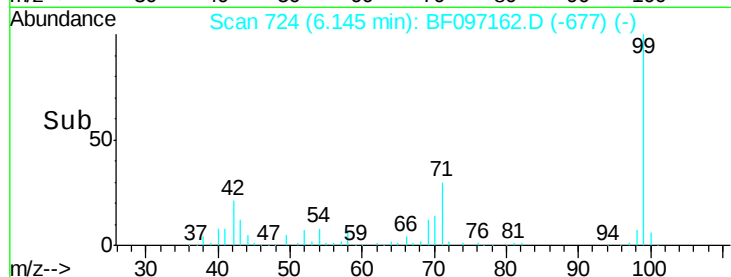
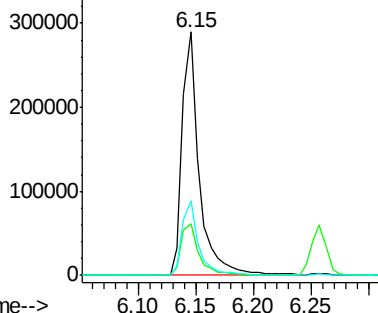
99 100

42 21.5 13.5 20.3#

71 30.5 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: 3.09 ng

RT: 6.26 min Scan# 743

Delta R.T. 0.21 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

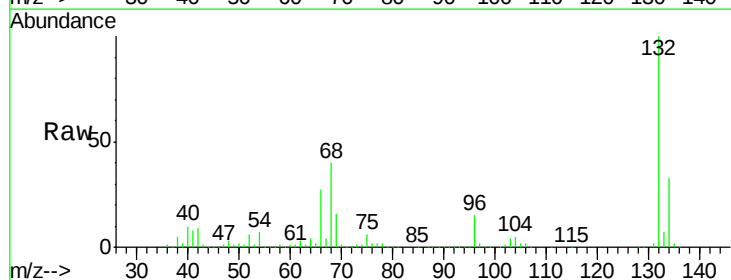
Tgt Ion: 77 Resp: 12699

Ion Ratio Lower Upper

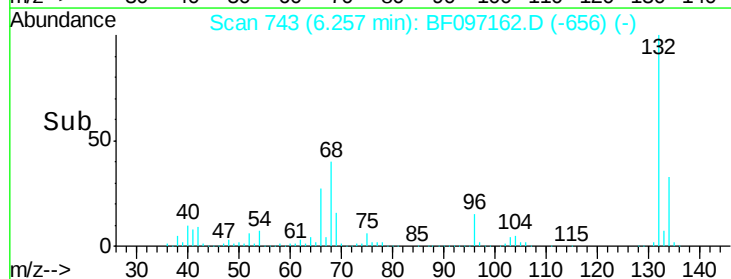
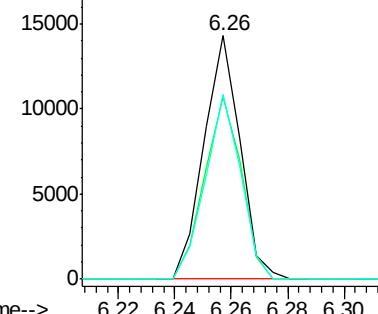
77 100

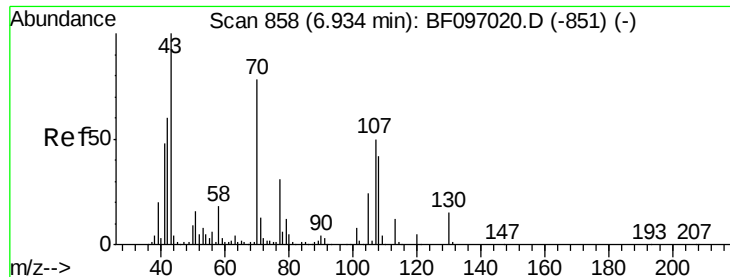
105 74.6 83.8 123.8#

106 75.9 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

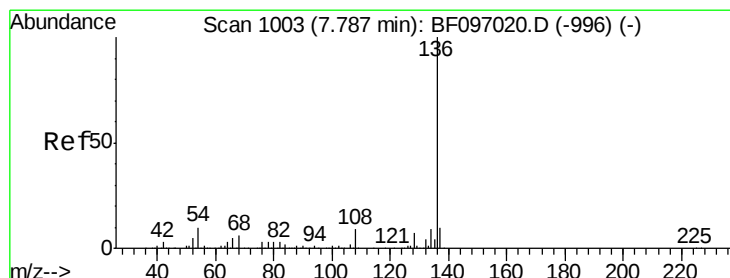
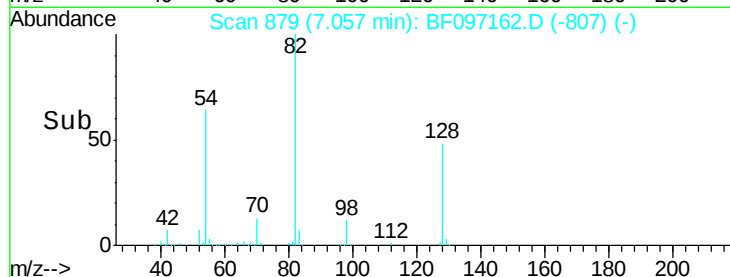
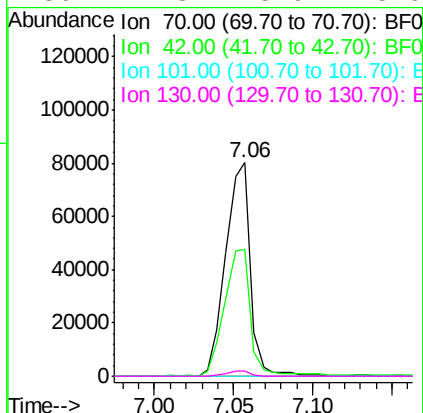
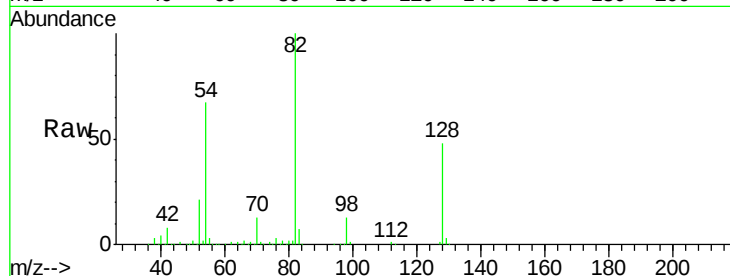




#19
n-Nitroso-di-n-propylamine
Concen: 19.02 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

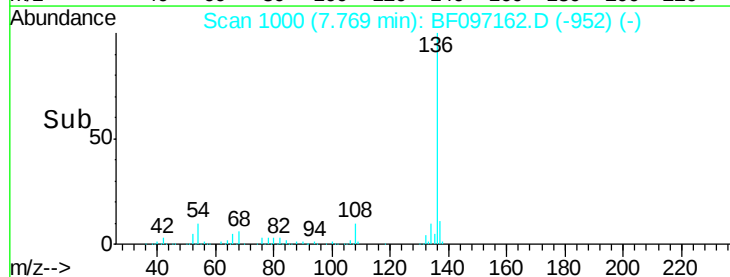
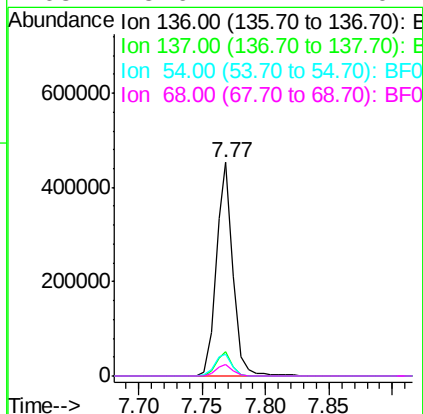
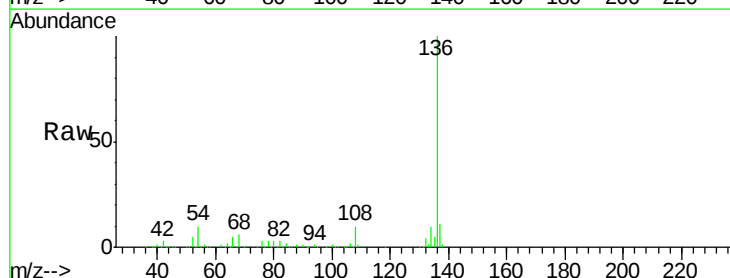
Instrument :
BNA_F
ClientSampleId :
MW-5

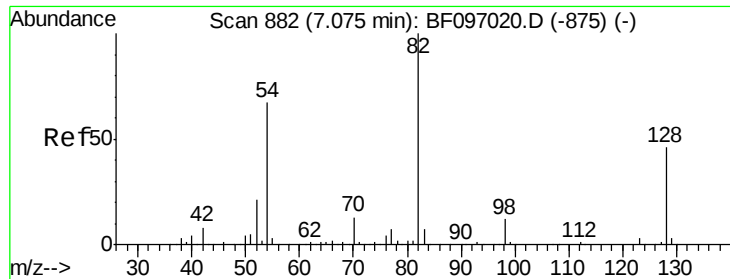
Tot Ion: 70 Resp: 86922
Ion Ratio Lower Upper
70 100
42 59.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Tgt Ion:136 Resp: 416061
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.0 4.9 7.3#
68 5.6 4.1 6.1

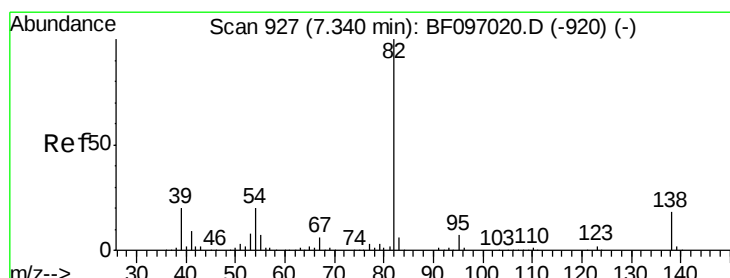
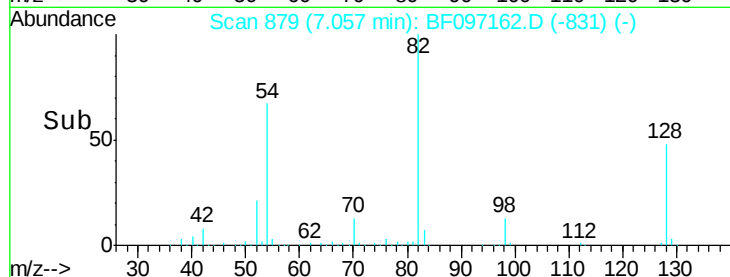
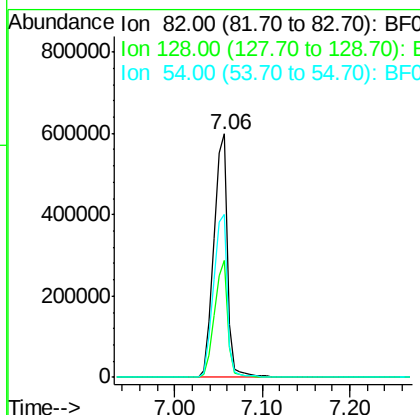
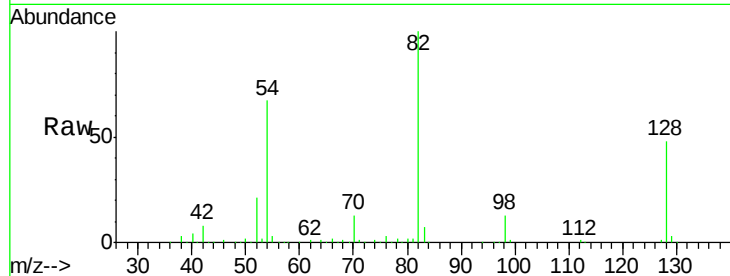




#23
Nitrobenzene-d5
Concen: 91.96 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

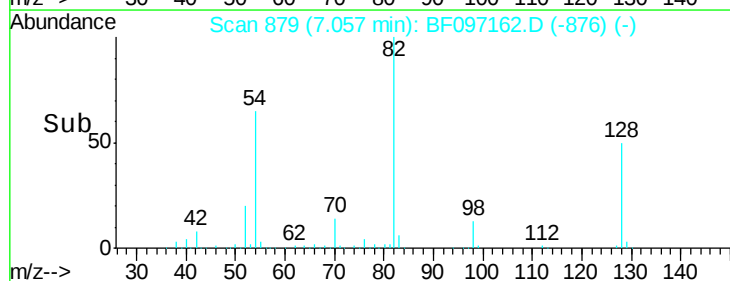
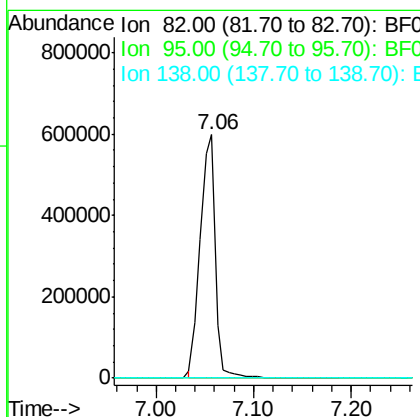
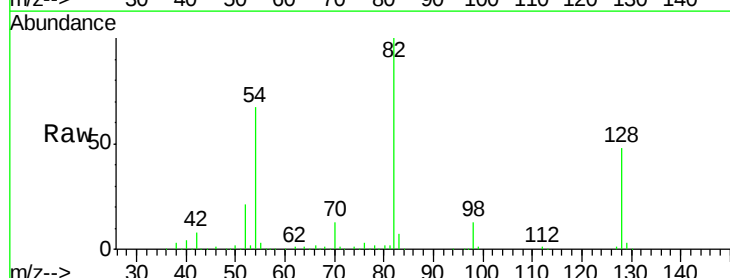
Instrument :
BNA_F
ClientSampleId :
MW-5

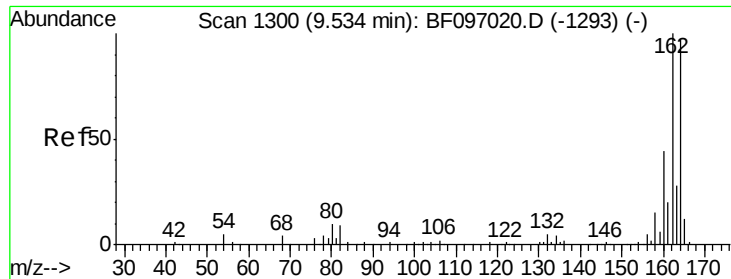
Tot Ion: 82 Resp: 652233
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 67.1 42.2 63.2#



#25
Isophorone
Concen: 46.18 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Tgt Ion: 82 Resp: 641368
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

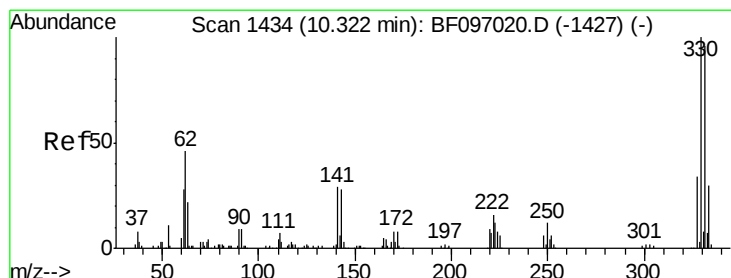
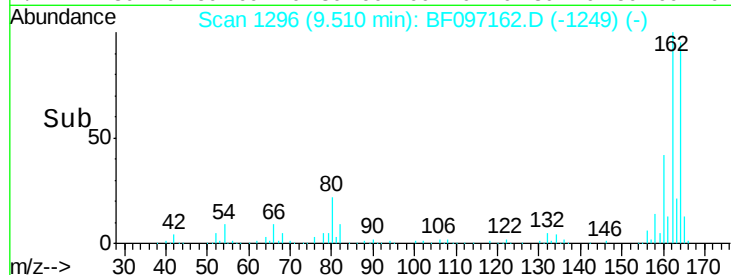
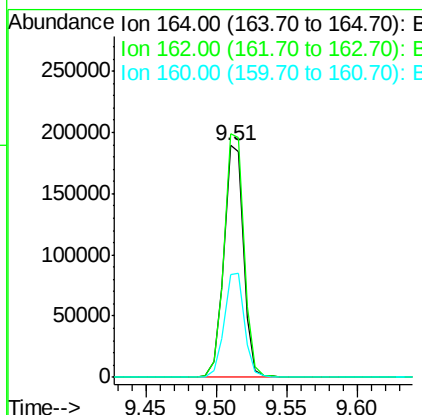
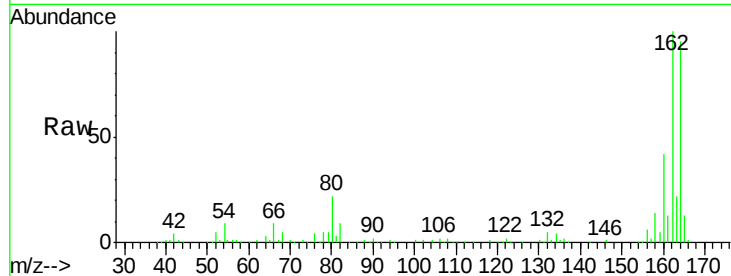




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

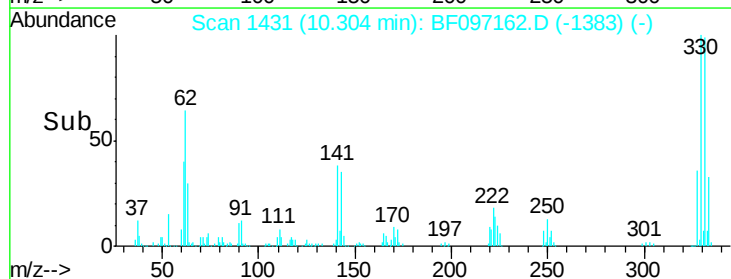
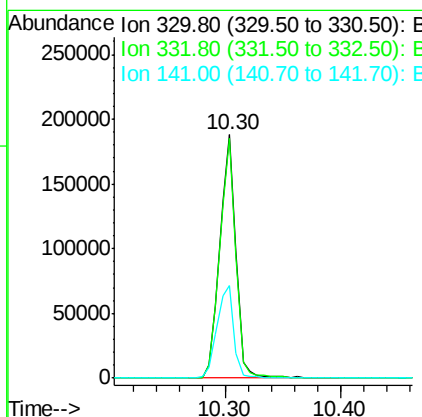
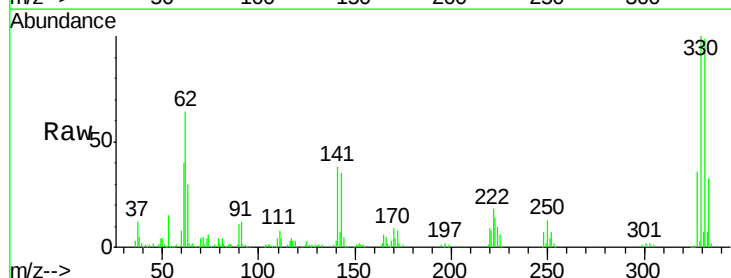
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:164 Resp: 184333
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 44.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 125.74 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Tgt Ion:330 Resp: 183134
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.6 31.4 47.2

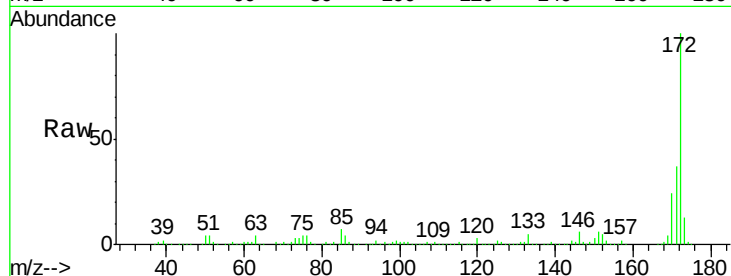




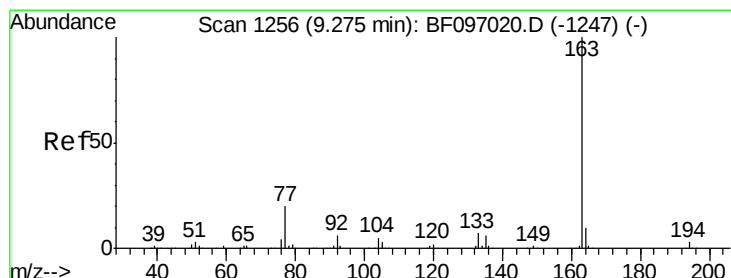
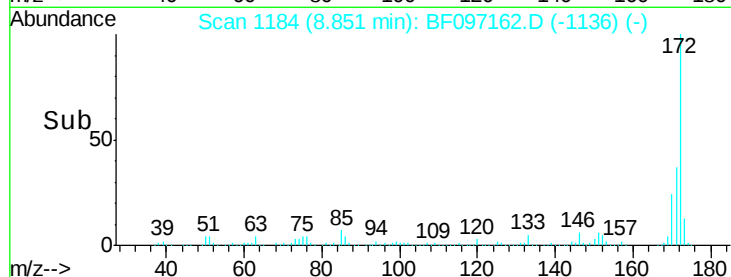
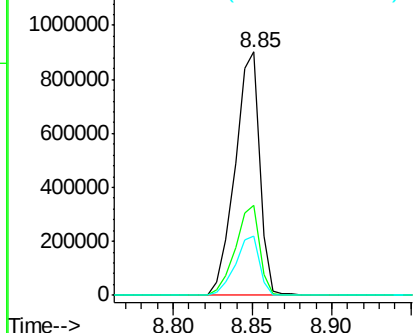
#44
2-Fluorobiphenyl
Concen: 89.41 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:172 Resp: 971093
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.4 19.8 29.8

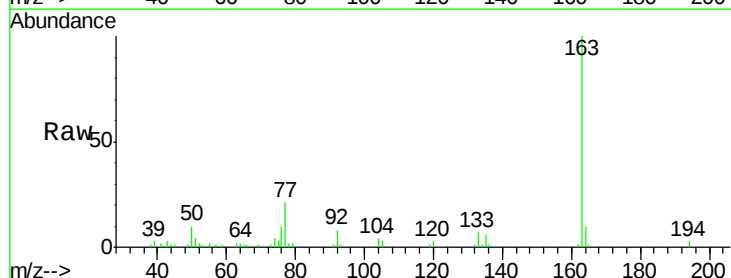


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

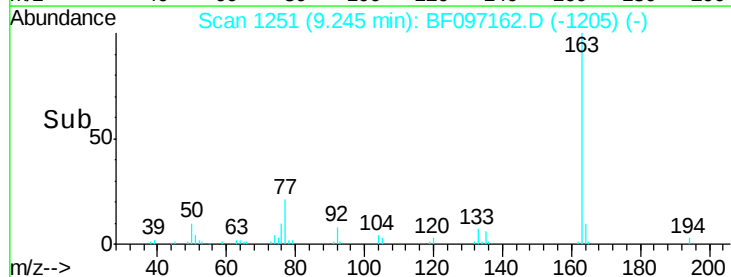
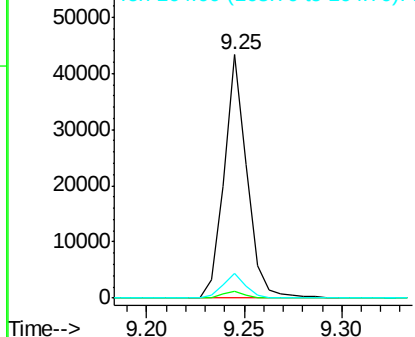


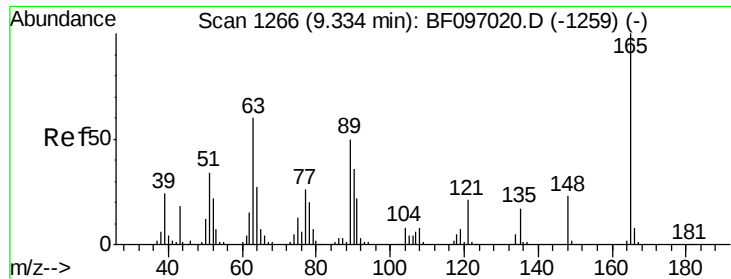
#49
Dimethylphthalate
Concen: 2.50 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Tgt Ion:163 Resp: 34999
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.0 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

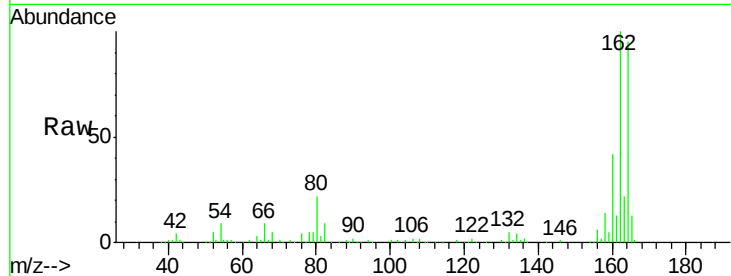




#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. 0.18 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

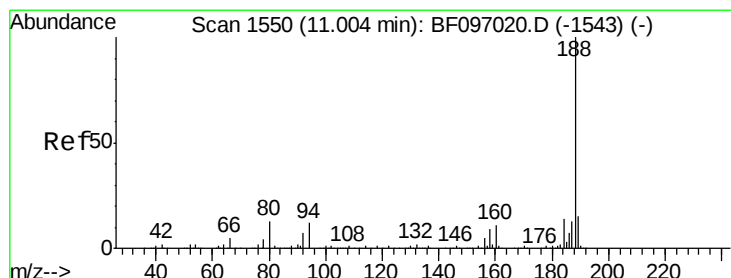
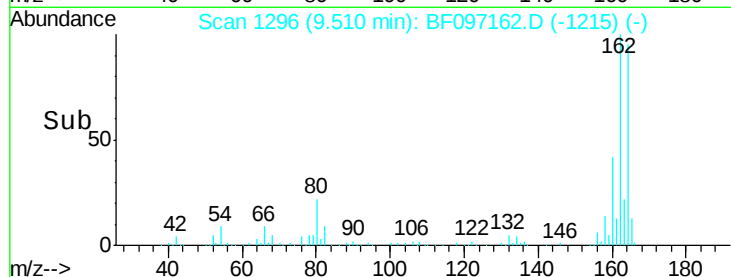
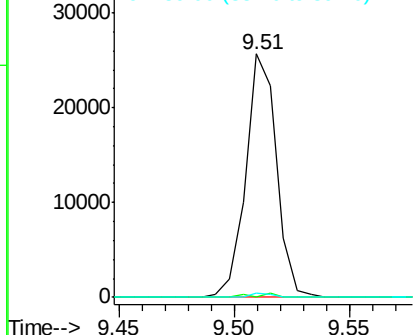
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.7	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

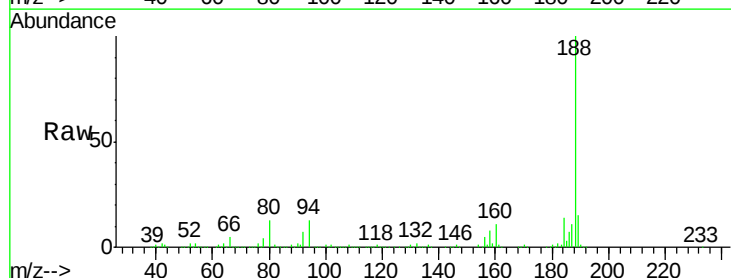
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

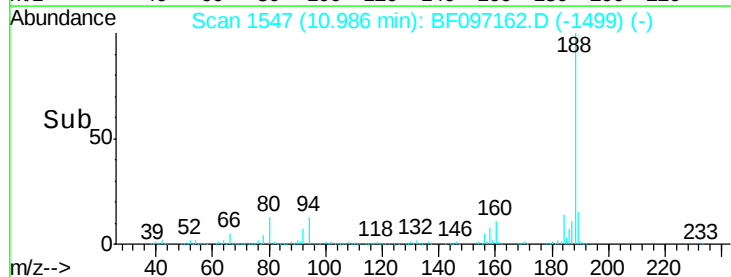
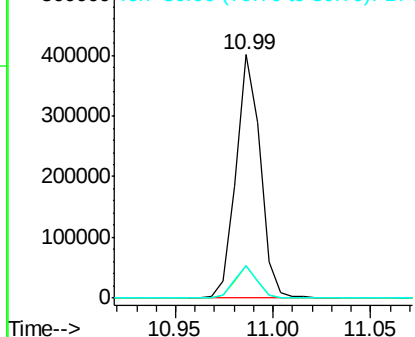
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	13.3	10.2	15.2



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

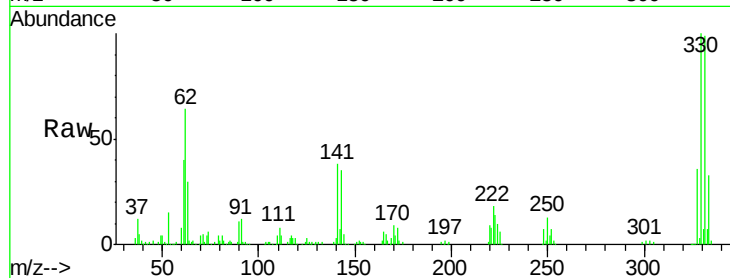




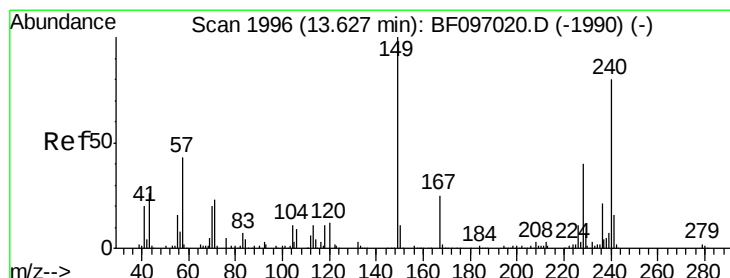
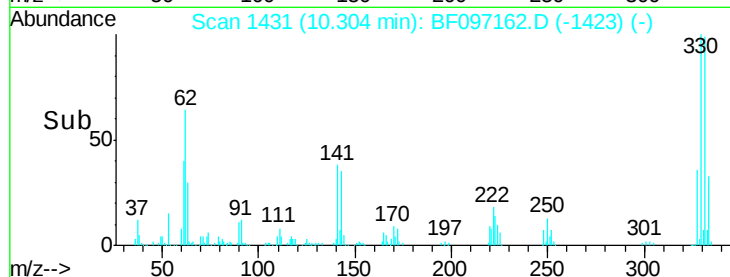
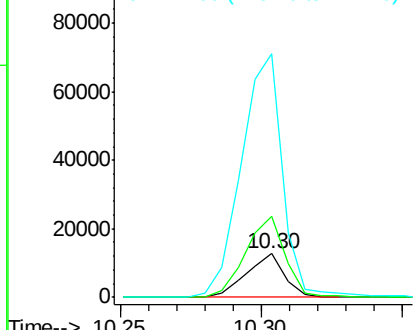
#66
 4-Bromophenyl-phenylether
 Concen: 3.40 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:248 Resp: 11764
 Ion Ratio Lower Upper
 248 100
 250 186.2 76.8 115.2#
 141 555.1 68.6 103.0#

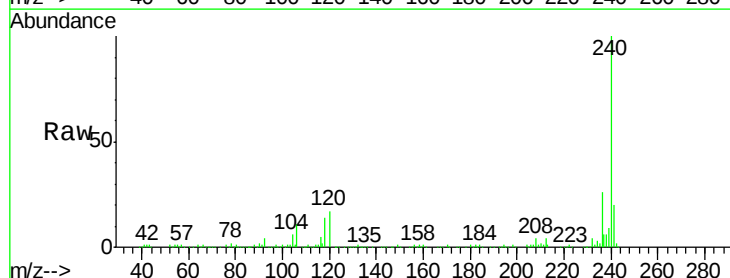


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

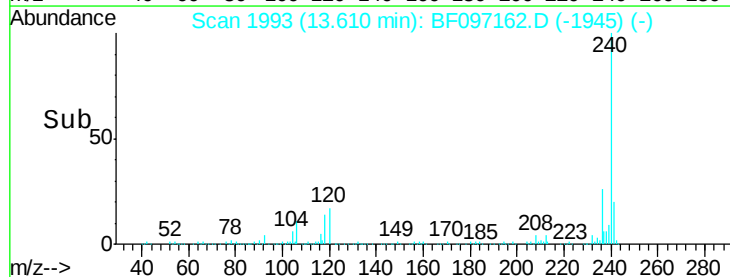
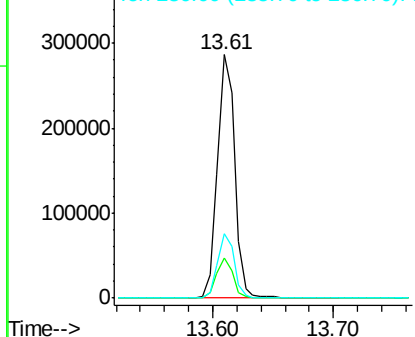


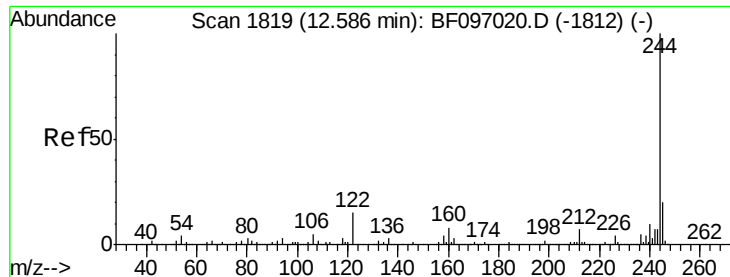
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Tgt Ion:240 Resp: 280040
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.8 8.8#
 236 26.4 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

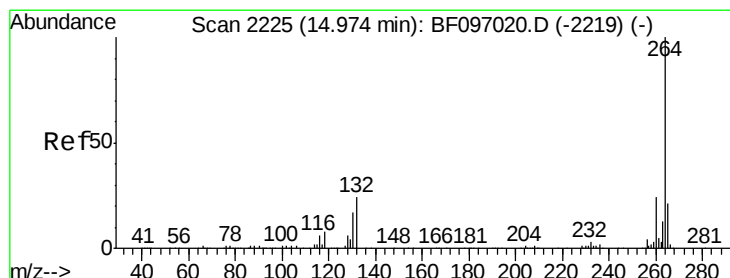
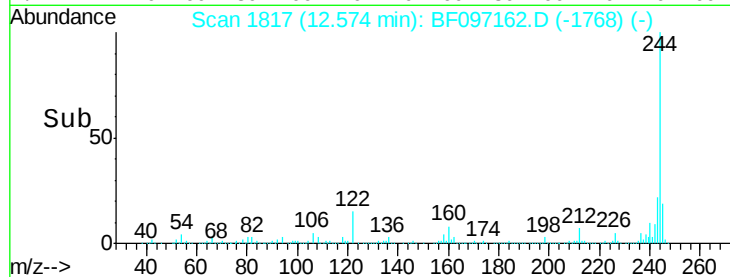
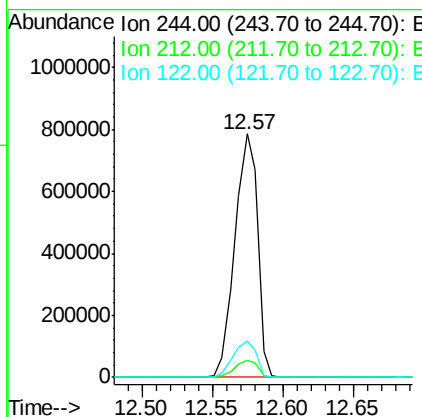
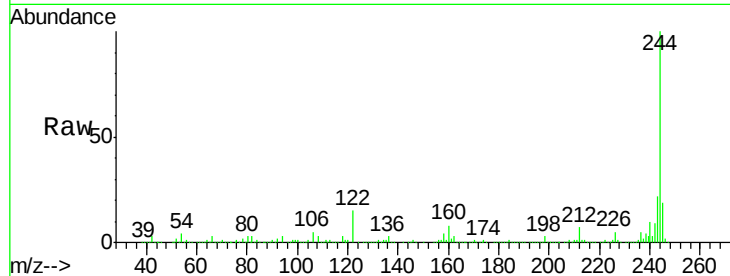




#78
 Terphenyl-d14
 Concen: 64.09 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:244 Resp: 880279
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 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: BF097162.D
 Acq: 28 Jul 2017 19:08

Tgt Ion:264 Resp: 172263
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.0 17.2 25.8

