

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097037.D
 Acq On : 25 Jul 2017 19:02
 Operator : SJ/JU
 Sample : I4369-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20170720

Quant Time: Jul 26 01:04:30 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

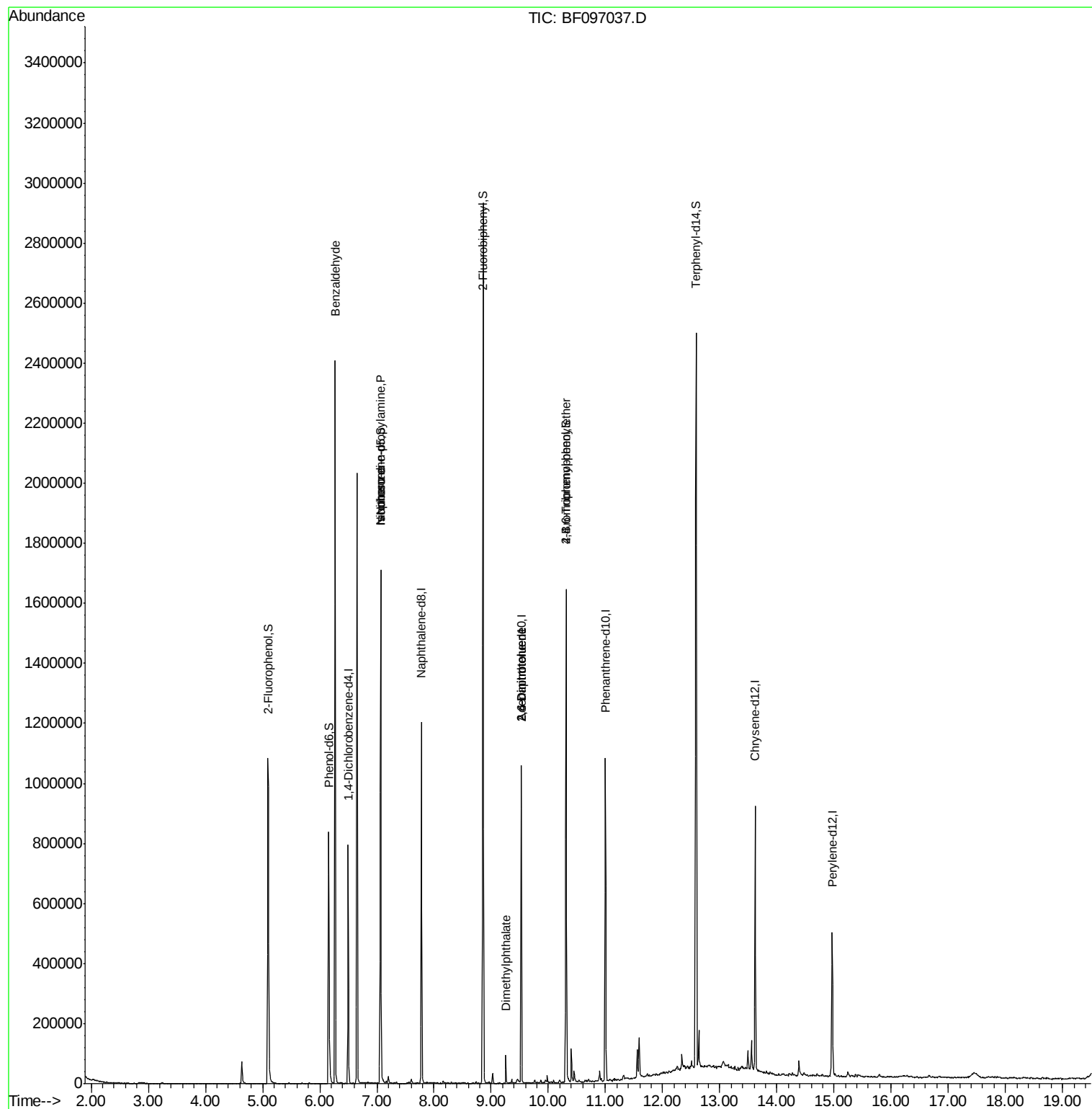
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	119019	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	506289	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	217214	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	359877	20.00	ng	0.00
75) Chrysene-d12	13.62	240	280533	20.00	ng	0.00
86) Perylene-d12	14.97	264	186127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	336952	42.68	ng	0.00
7) Phenol-d6	6.16	99	282292	31.32	ng	-0.01
23) Nitrobenzene-d5	7.07	82	579127	67.10	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	201011	117.13	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1021822	79.84	ng	0.00
78) Terphenyl-d14	12.59	244	857802	62.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	13048	2.45	ng	# 72
19) n-Nitroso-di-n-propylamine	7.07	70	76584	12.91	ng	# 88
25) Isophorone	7.07	82	572782	33.89	ng	# 67
49) Dimethylphthalate	9.26	163	33444	2.03	ng	# 99
50) 2,6-Dinitrotoluene	9.53	165	27635	7.90	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	27635	6.87	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	12354	3.44	ng	# 1

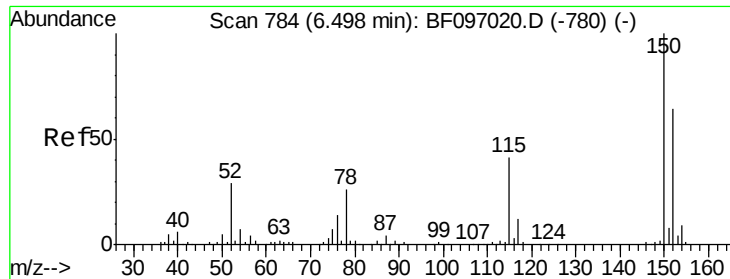
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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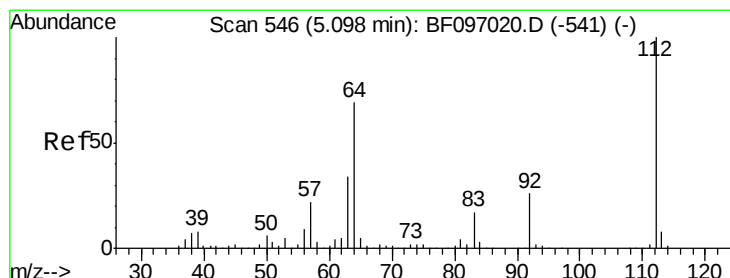
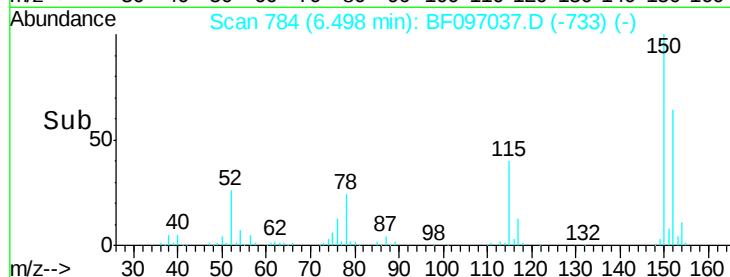
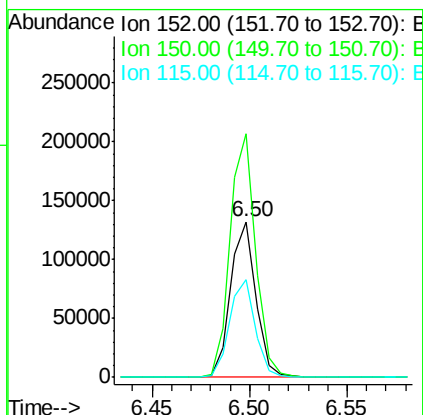
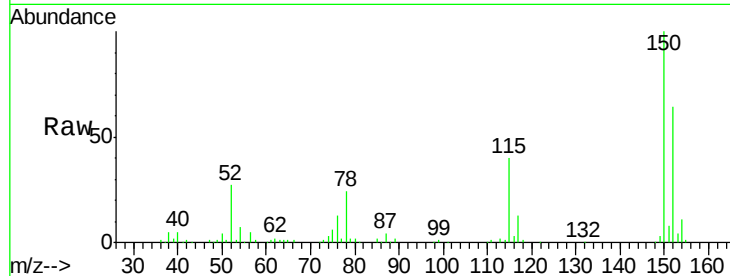


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
MW-3-20170720

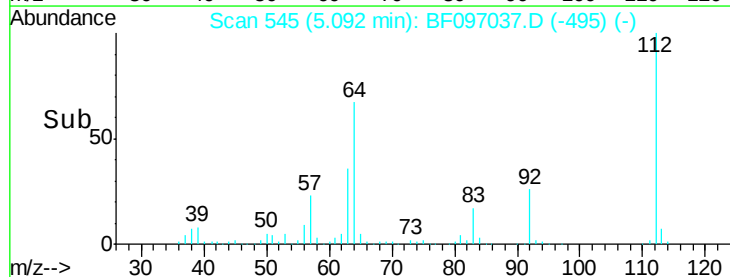
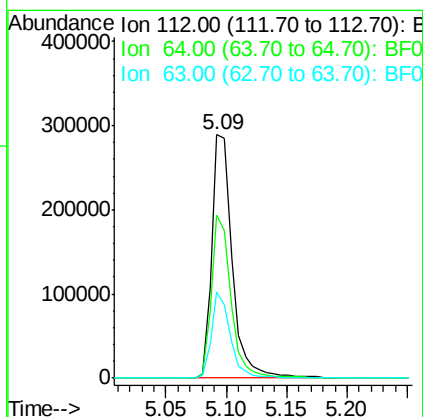
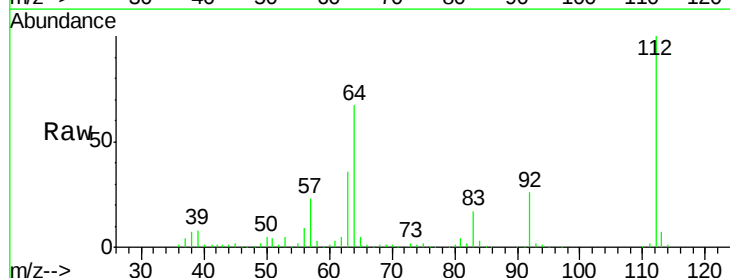
Tot Ion:152 Resp: 119019
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 62.5 52.2 78.2

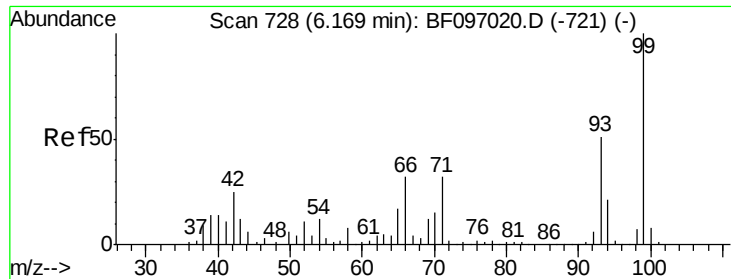


#5

2-Fluorophenol
Concen: 42.68 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Tgt Ion:112 Resp: 336952
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 35.6 23.4 35.0#





#7

Phenol-d6

Concen: 31.32 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

MW-3-20170720

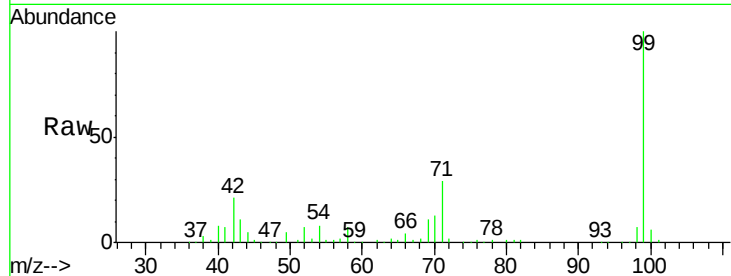
Tot Ion: 99 Resp: 282292

Ion Ratio Lower Upper

99 100

42 21.2 13.5 20.3#

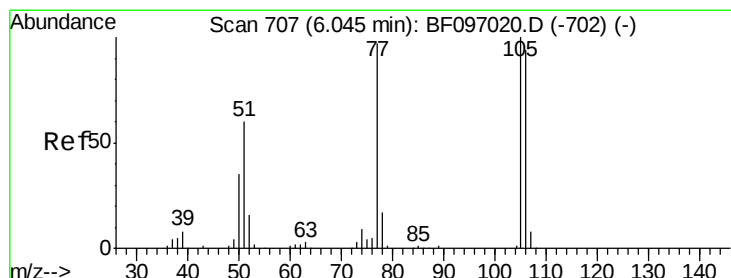
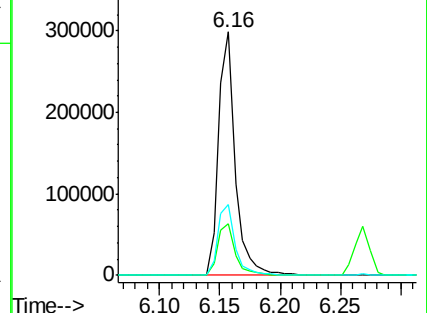
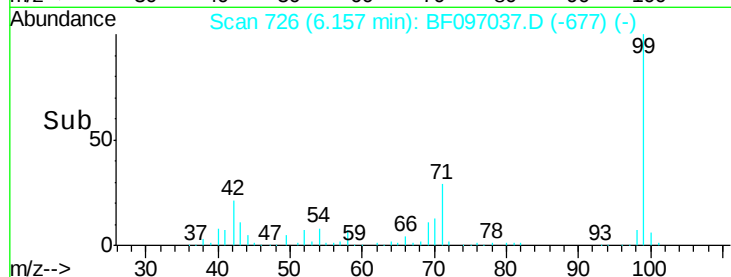
71 29.2 24.5 36.7



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: 2.45 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

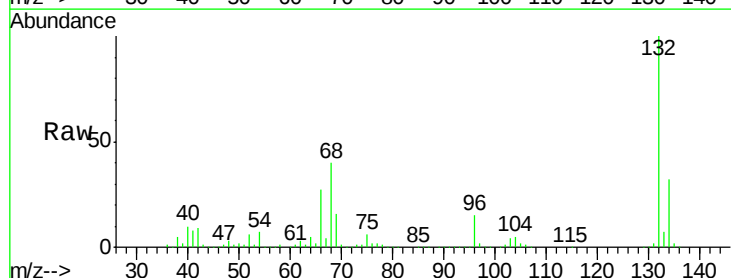
Tgt Ion: 77 Resp: 13048

Ion Ratio Lower Upper

77 100

105 79.2 83.8 123.8#

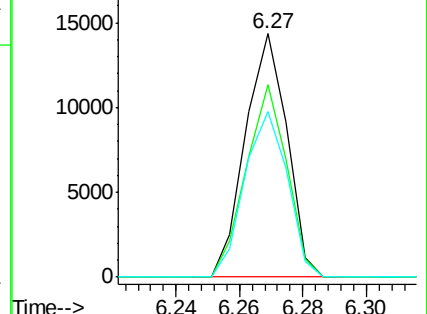
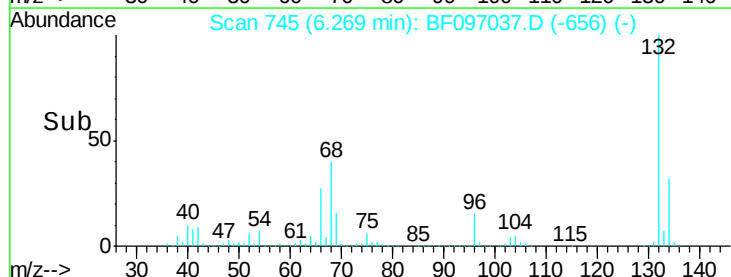
106 67.9 79.1 119.1#

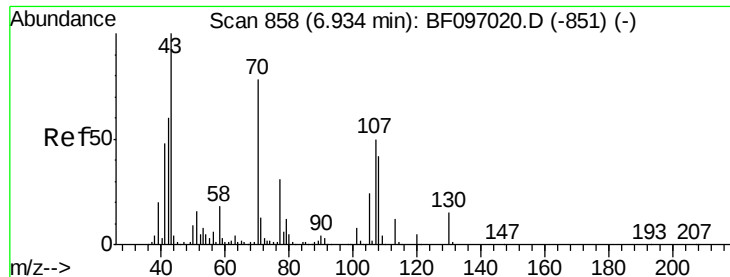


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

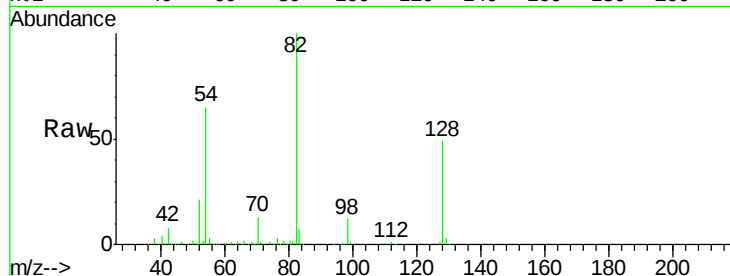




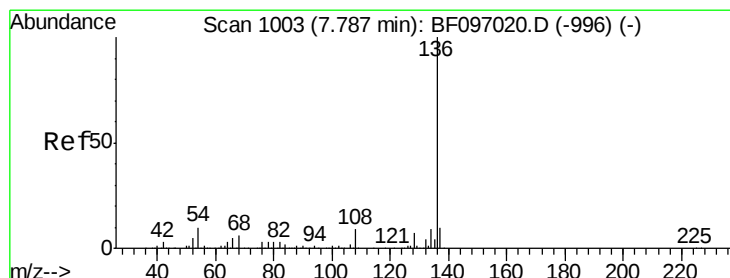
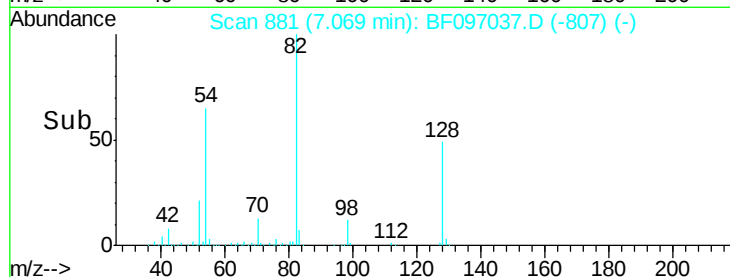
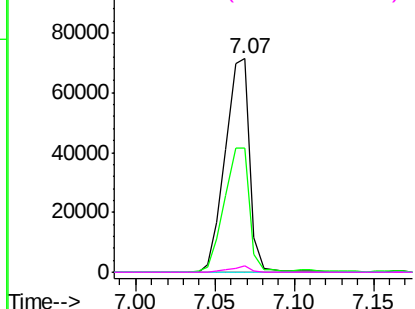
#19
n-Nitroso-di-n-propylamine
Concen: 12.91 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
MW-3-20170720

Tot Ion: 70 Resp: 76584
Ion Ratio Lower Upper
70 100
42 58.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#

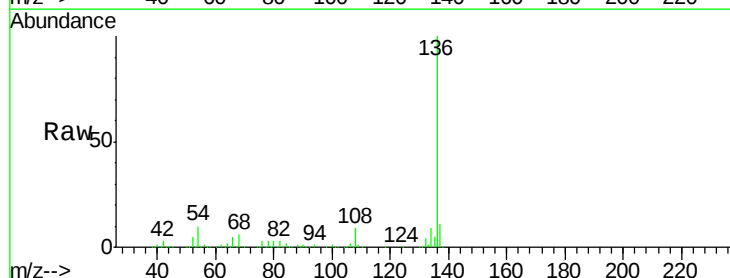


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

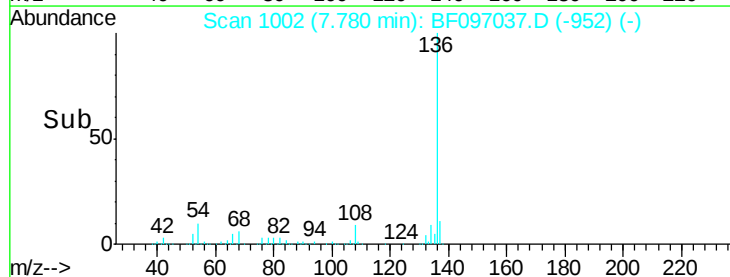
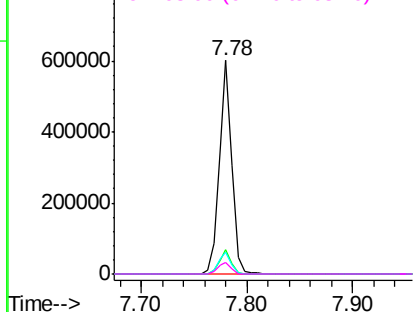


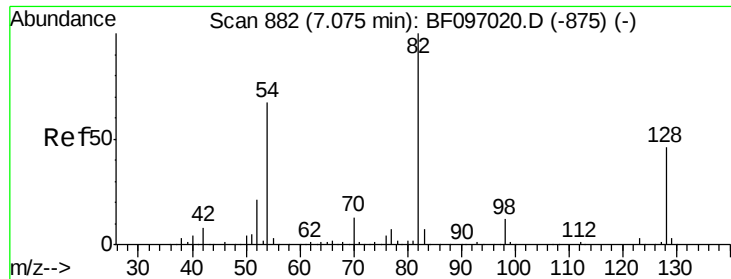
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Tgt Ion:136 Resp: 506289
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.1 4.9 7.3#
68 5.5 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

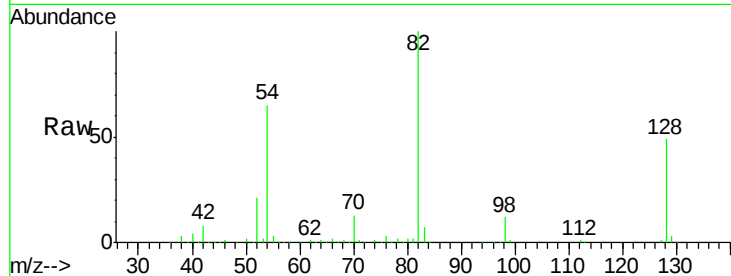




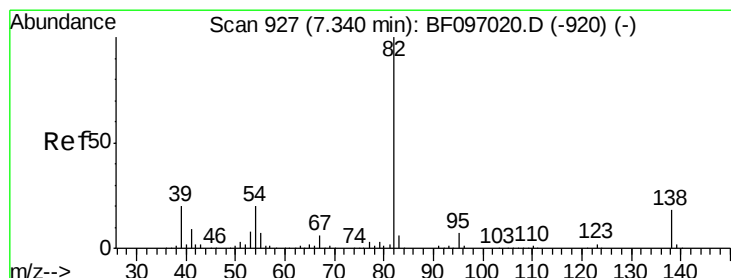
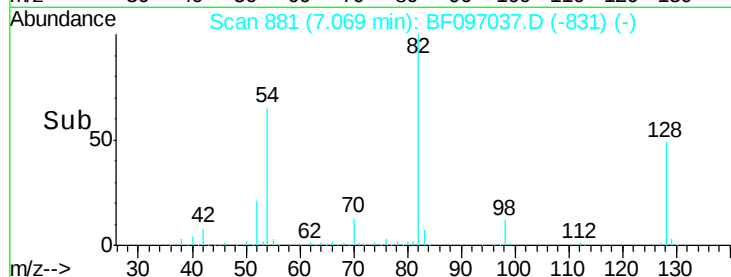
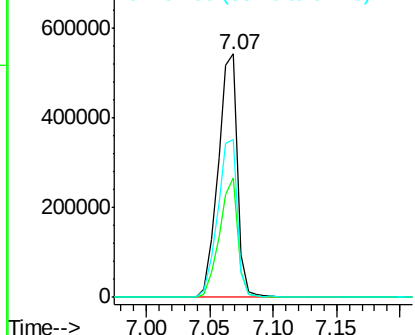
#23
Nitrobenzene-d5
Concen: 67.10 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
MW-3-20170720

Tot Ion: 82 Resp: 579127
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 64.7 42.2 63.2#

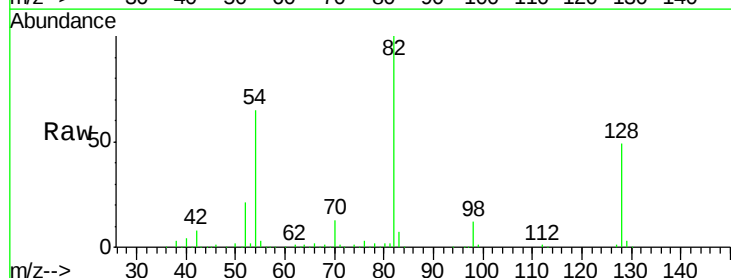


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

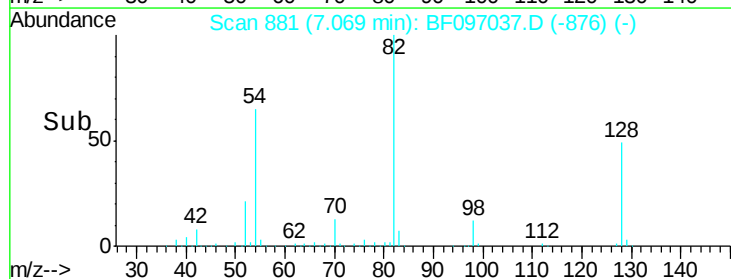
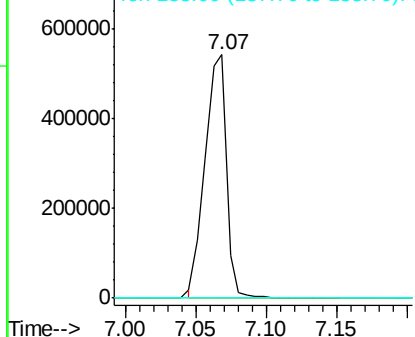


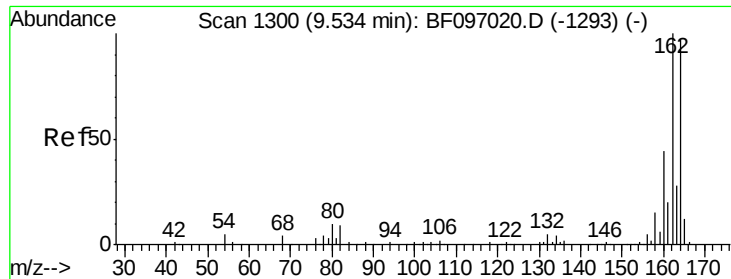
#25
Isophorone
Concen: 33.89 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Tgt Ion: 82 Resp: 572782
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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

MW-3-20170720

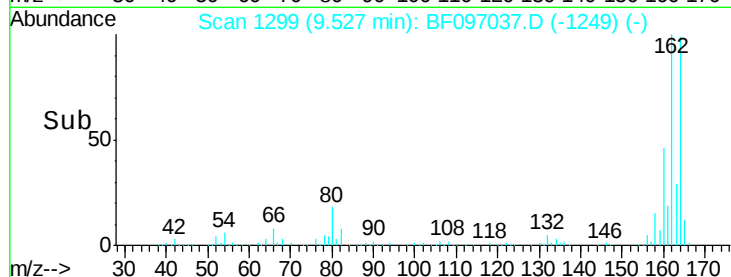
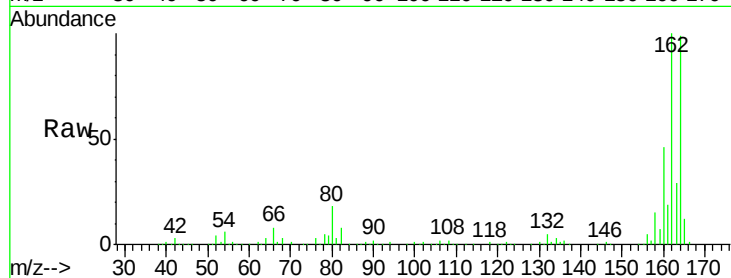
Tot Ion:164 Resp: 217214

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

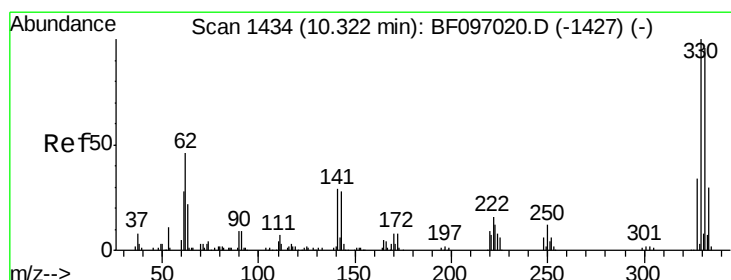
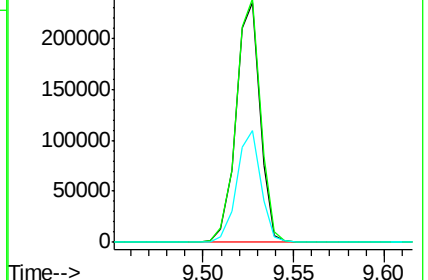
160 46.7 36.2 54.2



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: 117.13 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

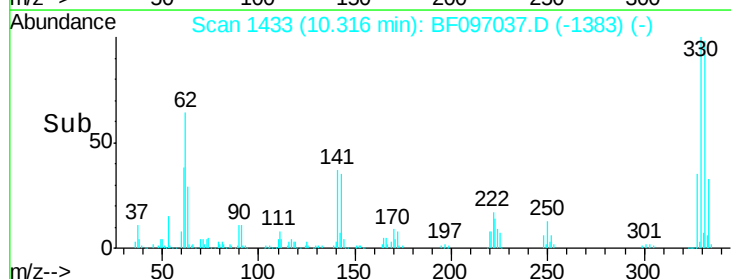
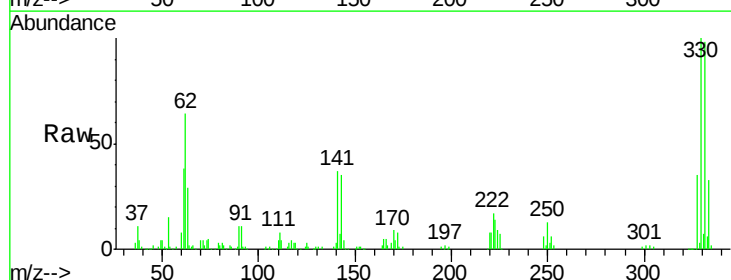
Tgt Ion:330 Resp: 201011

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

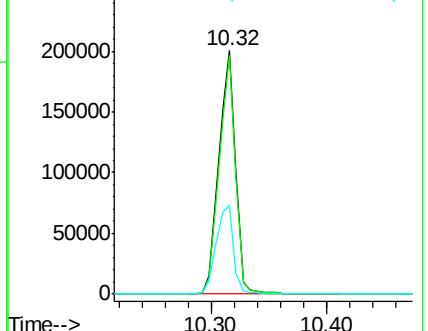
141 38.1 31.4 47.2



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

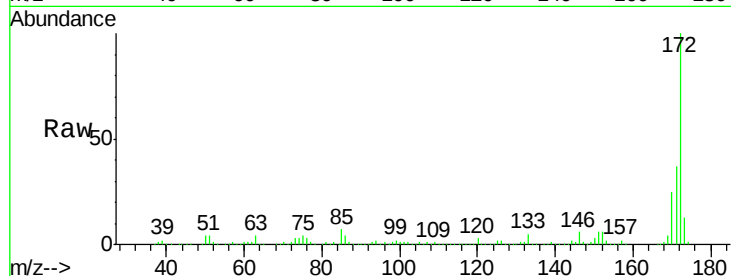




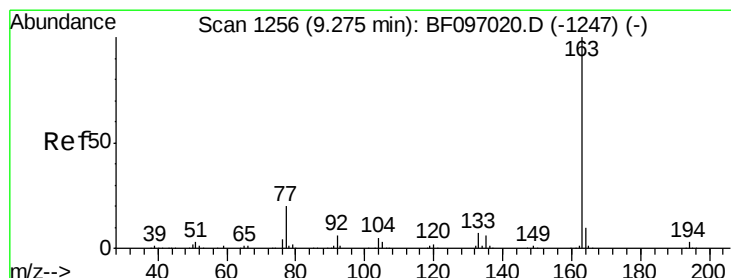
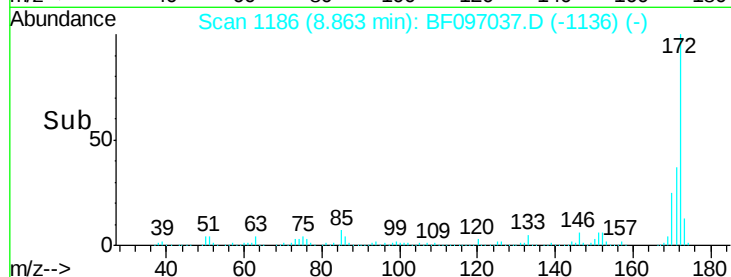
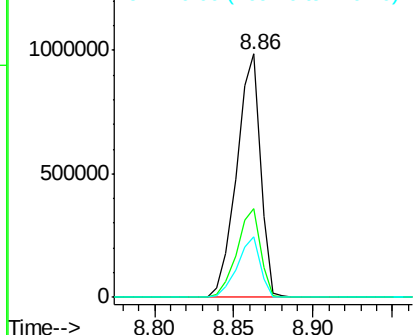
#44
2-Fluorobiphenyl
Concen: 79.84 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
MW-3-20170720

Tot Ion:172 Resp: 1021822
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.7 19.8 29.8

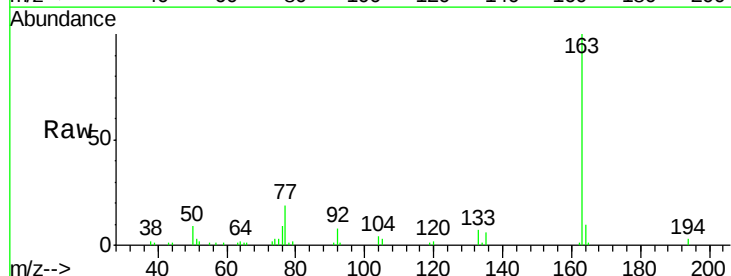


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

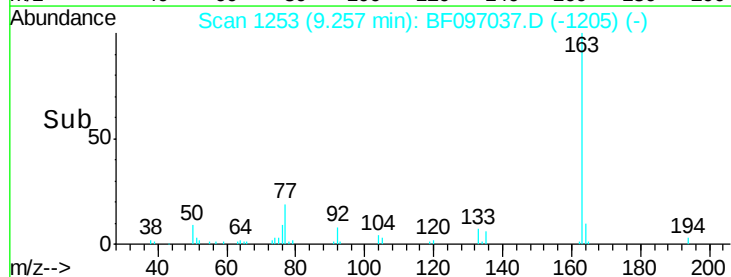
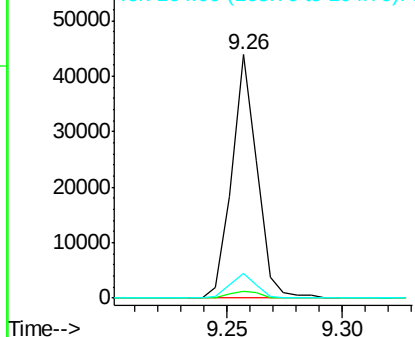


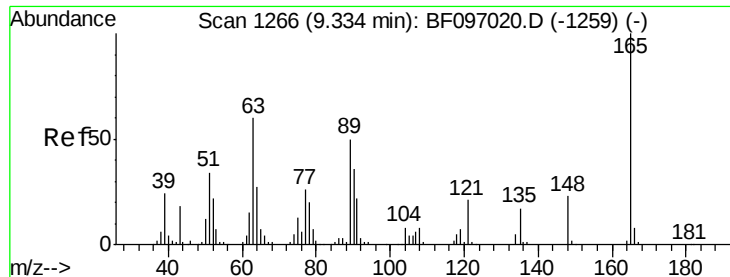
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097037.D
Acq: 25 Jul 2017 19:02

Tgt Ion:163 Resp: 33444
Ion Ratio Lower Upper
163 100
194 2.9 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

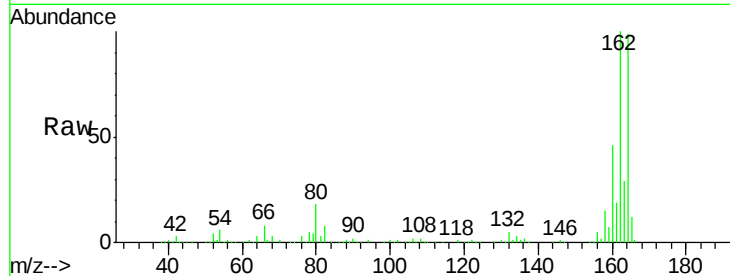




#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097037.D
 Acq: 25 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20170720

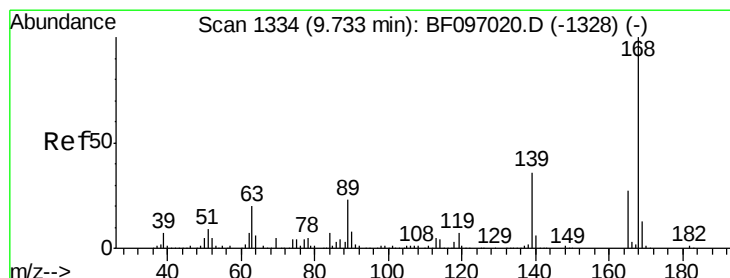
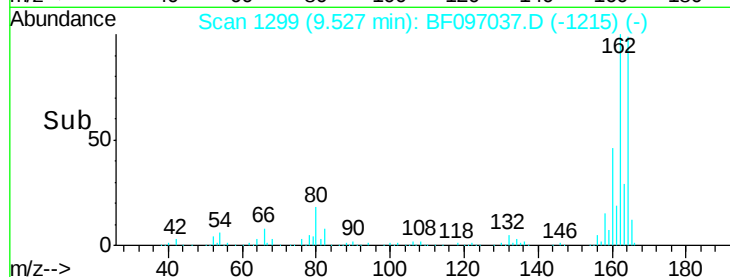
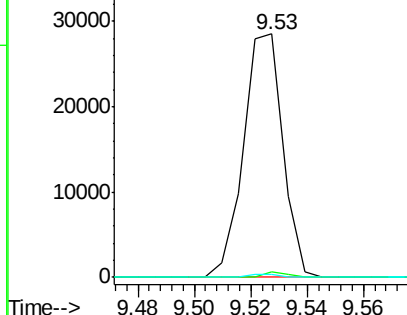
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.4	37.1	55.7#



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: 6.87 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097037.D
 Acq: 25 Jul 2017 19:02

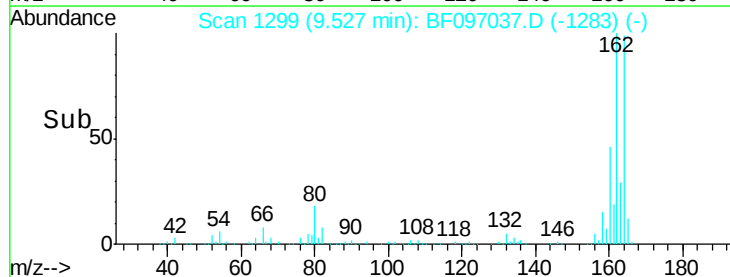
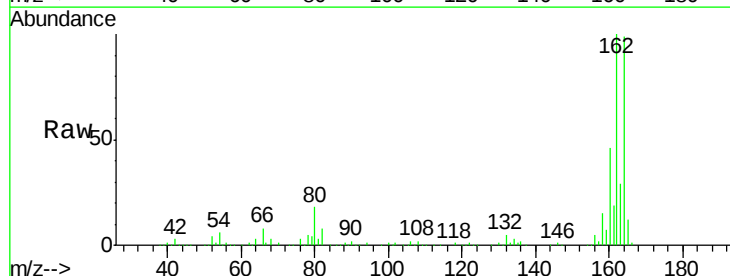
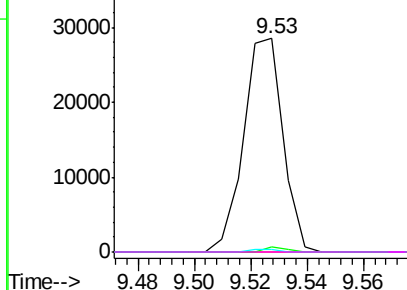
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

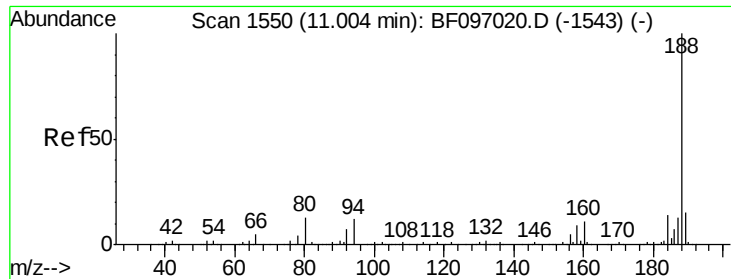
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF097037.D

Acq: 25 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

MW-3-20170720

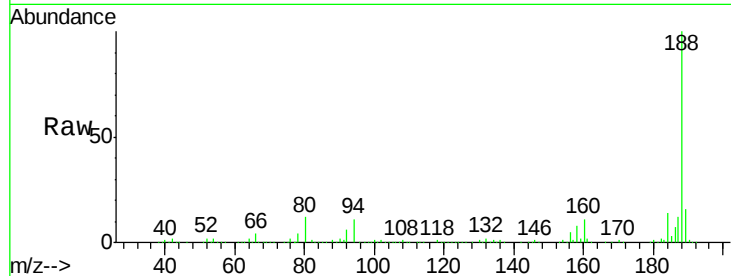
Tot Ion:188 Resp: 359877

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

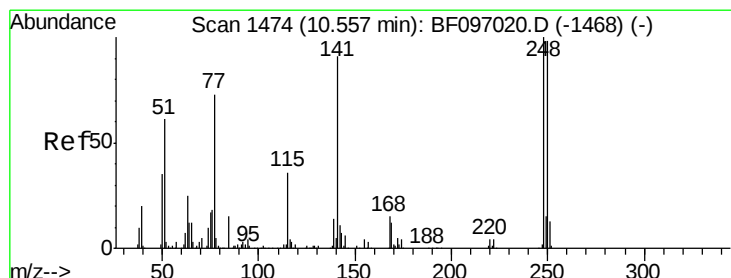
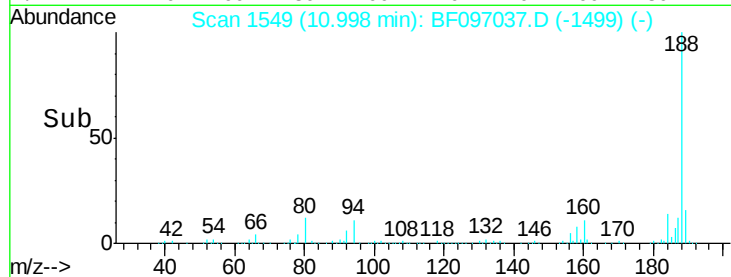
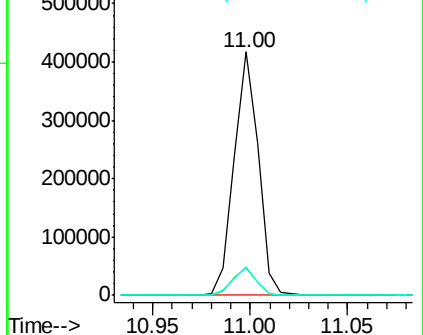
80 11.9 10.2 15.2



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: 3.44 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

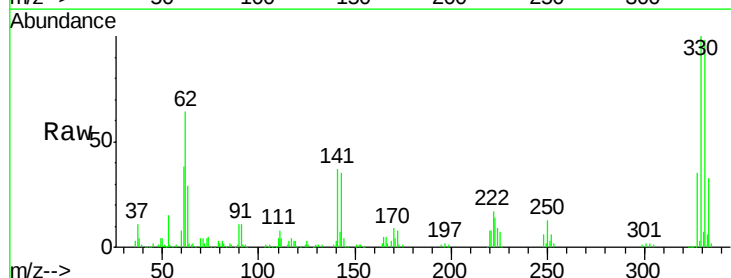
Tgt Ion:248 Resp: 12354

Ion Ratio Lower Upper

248 100

250 199.5 76.8 115.2#

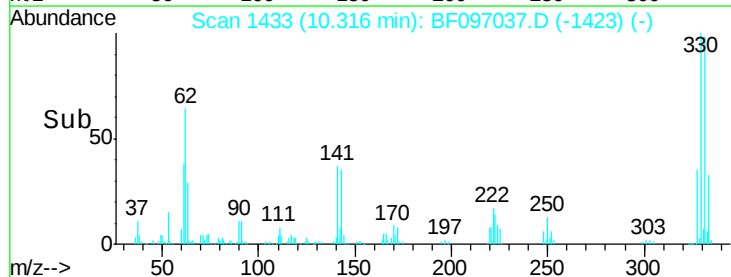
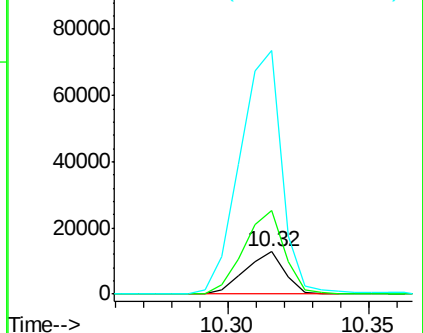
141 578.4 68.6 103.0#

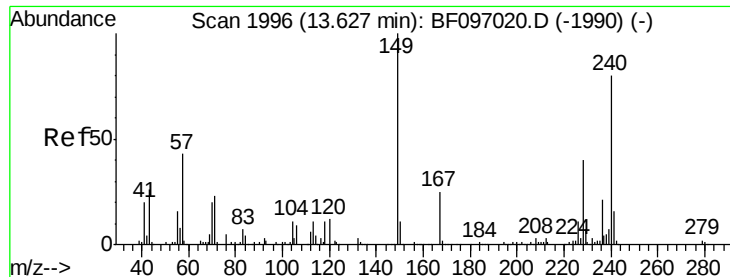


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF097037.D

Acq: 25 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

MW-3-20170720

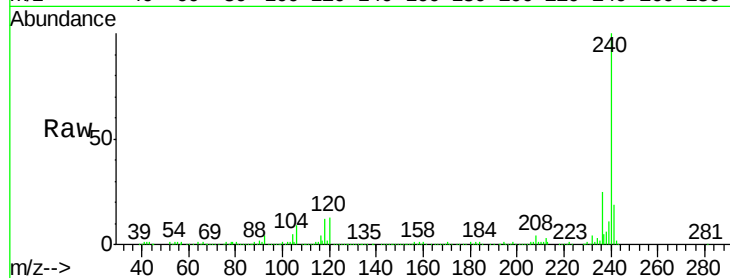
Tot Ion:240 Resp: 280533

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

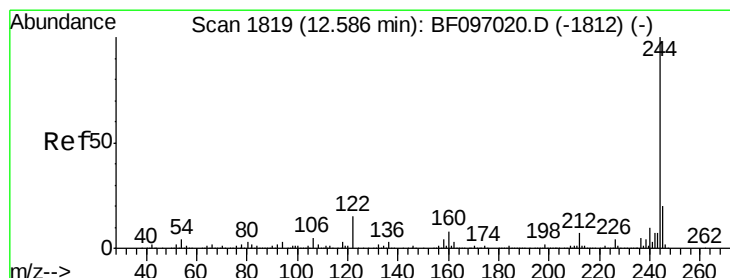
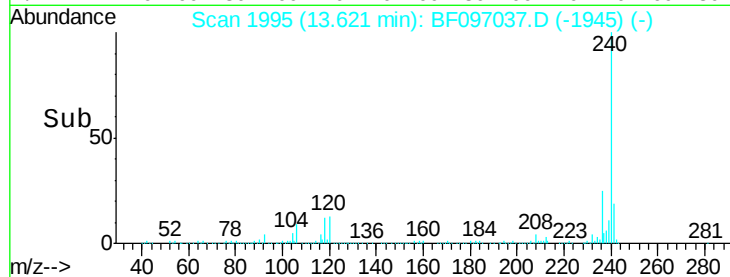
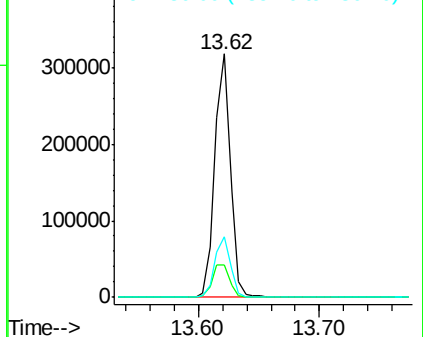
236 25.1 20.5 30.7



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: 62.34 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097037.D

Acq: 25 Jul 2017 19:02

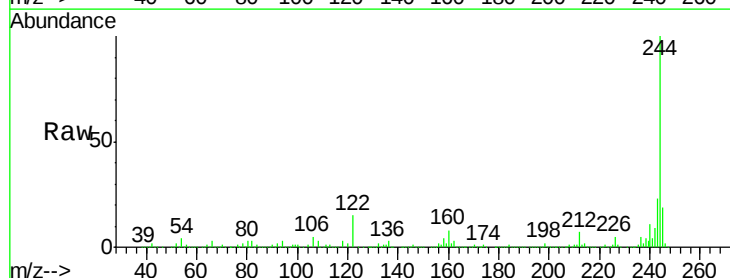
Tgt Ion:244 Resp: 857802

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

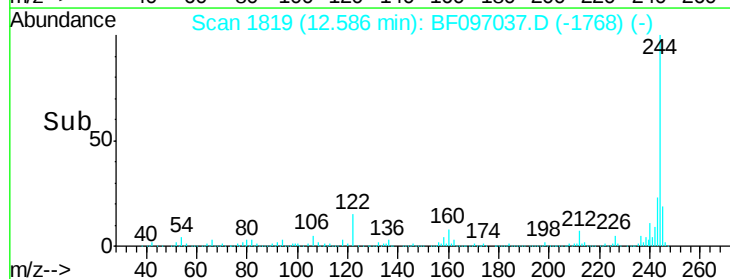
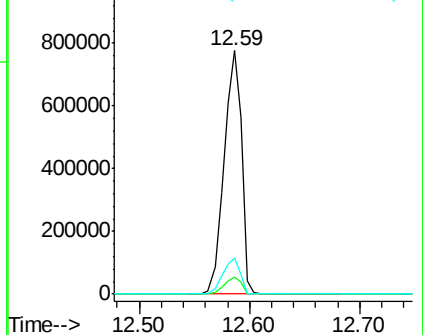
122 14.9 10.3 15.5

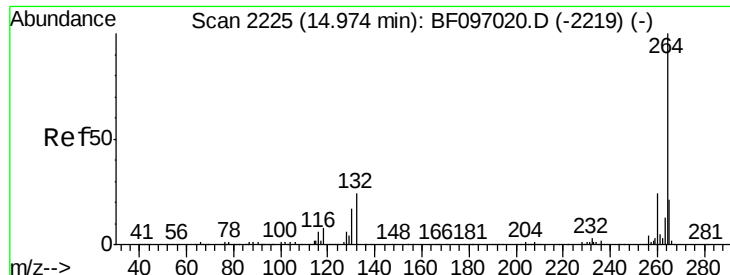


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

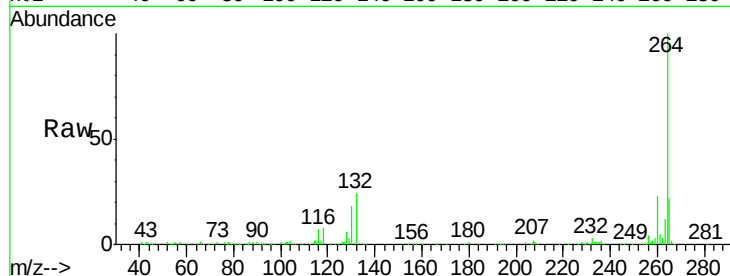




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097037.D
 Acq: 25 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20170720

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.6	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

