

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097482.D
 Acq On : 8 Aug 2017 21:40
 Operator : SJ/JU
 Sample : I4560-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 01:01:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

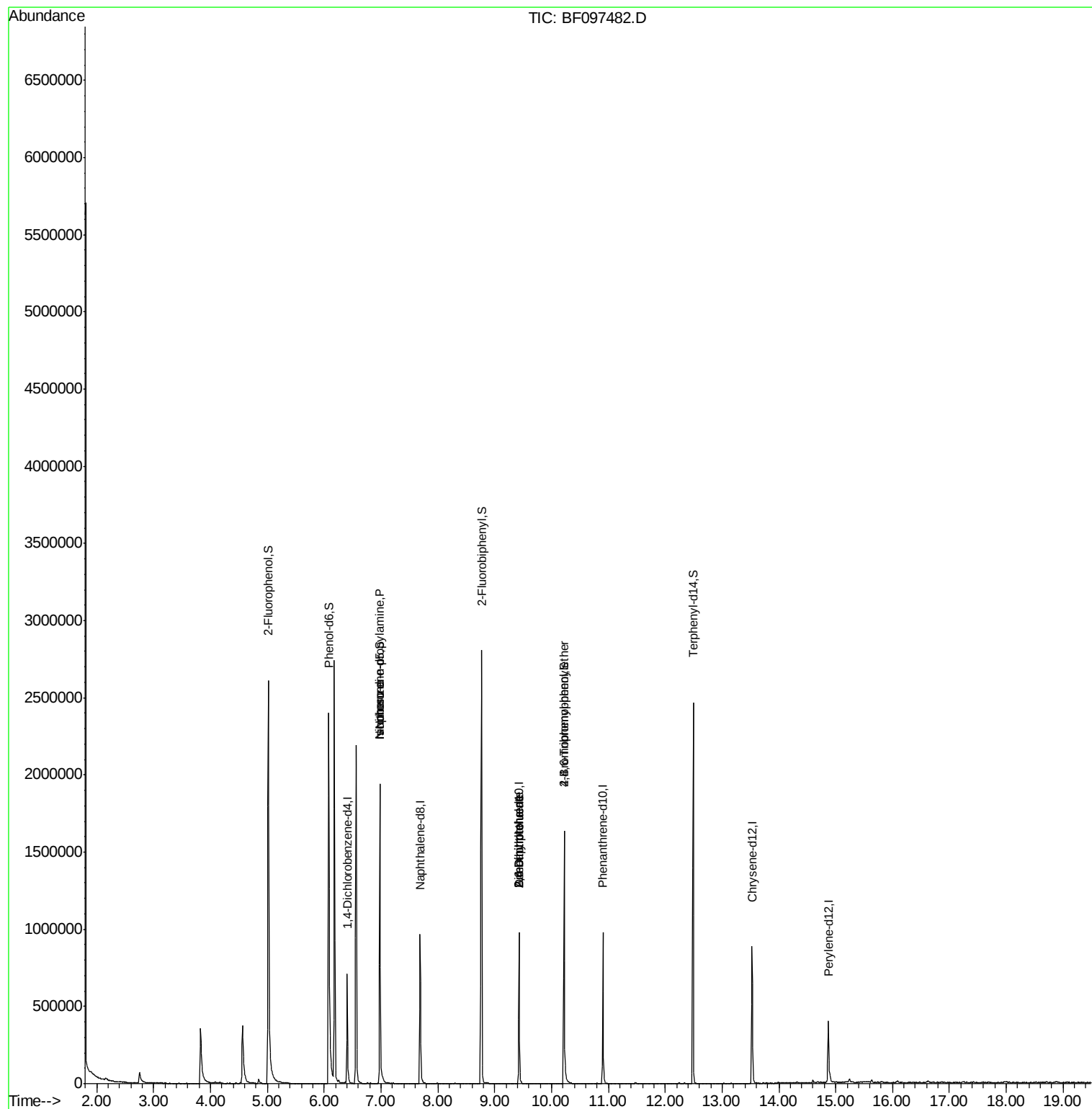
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	112637	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	473788	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	201456	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	360954	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	315738	20.00	ng	-0.01
86) Perylene-d12	14.87	264	140976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	948896	127.00	ng	0.01
7) Phenol-d6	6.08	99	1060719	124.35	ng	0.00
23) Nitrobenzene-d5	6.98	82	674005	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	211247	132.72	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1033581	87.07	ng	0.00
78) Terphenyl-d14	12.49	244	874680	56.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.98	70	88845	15.82	ng	# 86
25) Isophorone	6.98	82	674002	42.61	ng	# 67
49) Dimethylphthalate	9.43	163	60963	3.98	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	25910	7.99	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	25910	6.95	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	13333	3.70	ng	# 1

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

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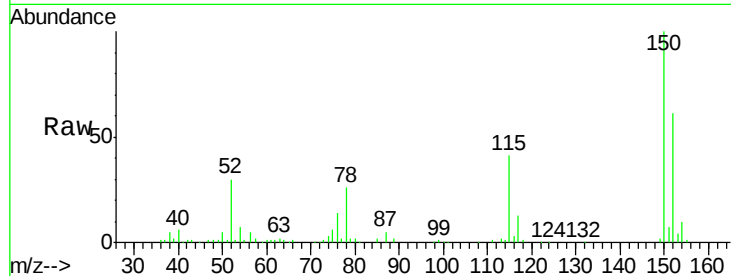


#1

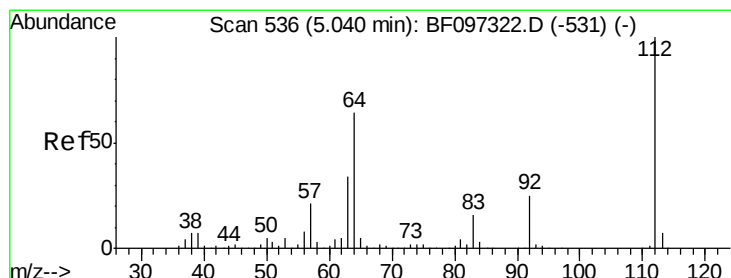
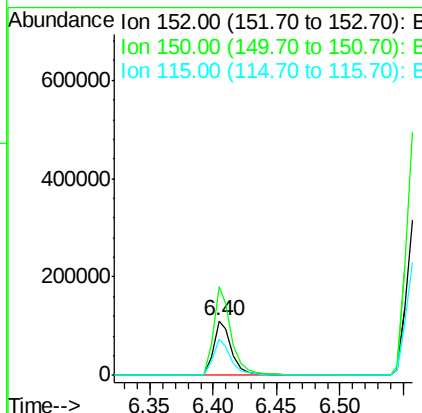
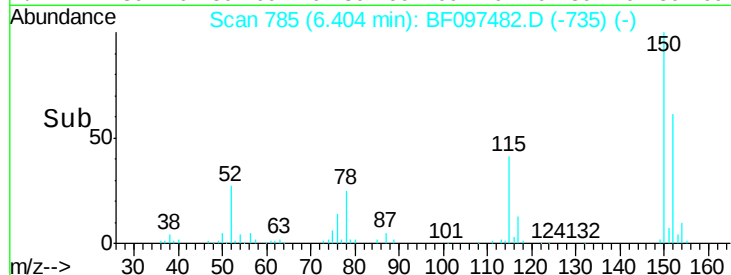
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097482.D
Acq: 8 Aug 2017 21:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112637
Ion Ratio Lower Upper
152 100
150 162.7 126.2 189.2
115 66.8 52.2 78.2



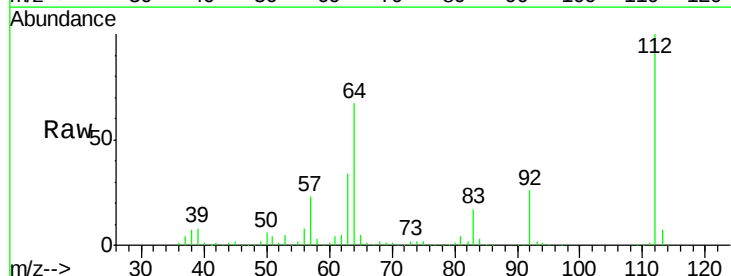
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



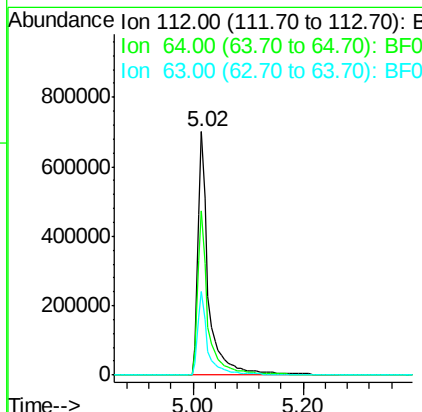
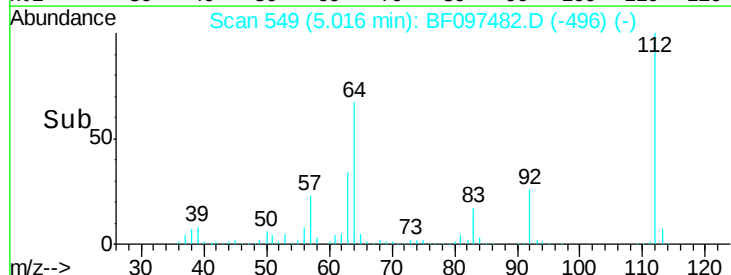
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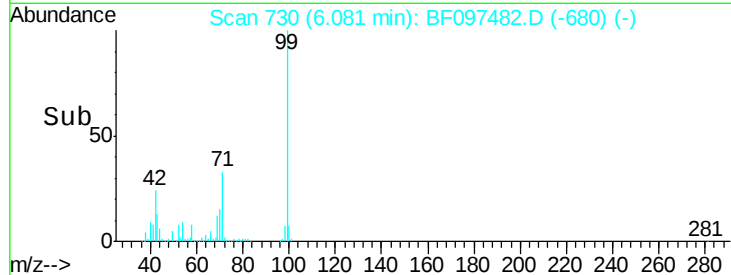
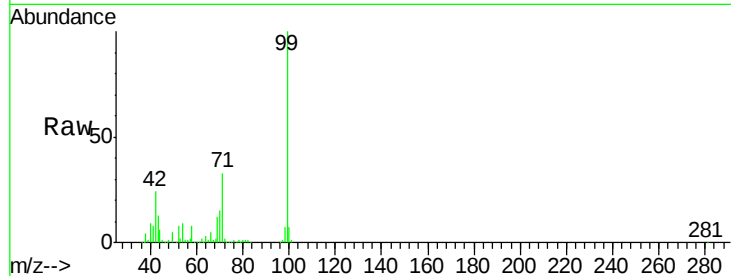
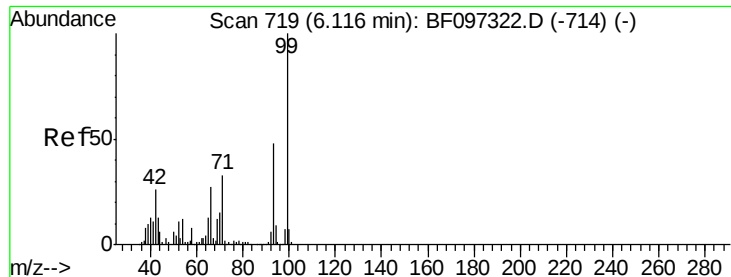
2-Fluorophenol
Concen: 127.00 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097482.D
Acq: 8 Aug 2017 21:40

Tgt Ion:112 Resp: 948896
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.3 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: 124.35 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

Instrument :

BNA_F

ClientSampled :

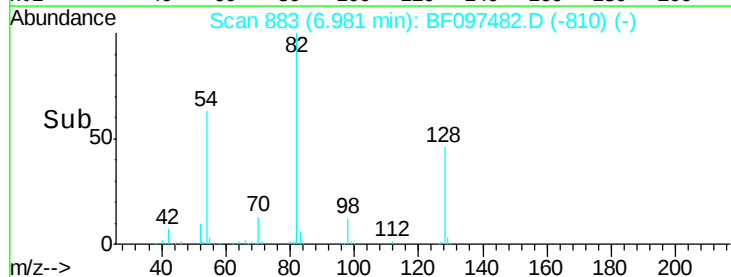
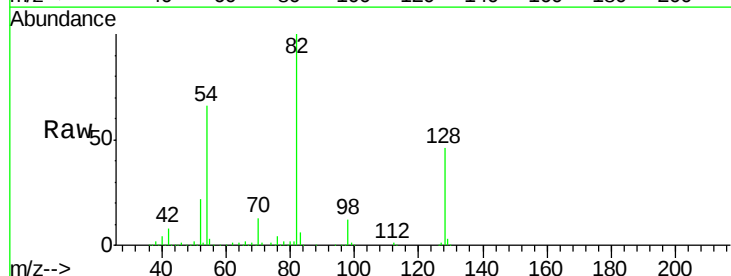
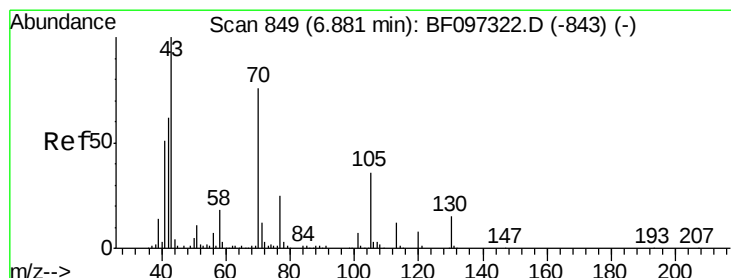
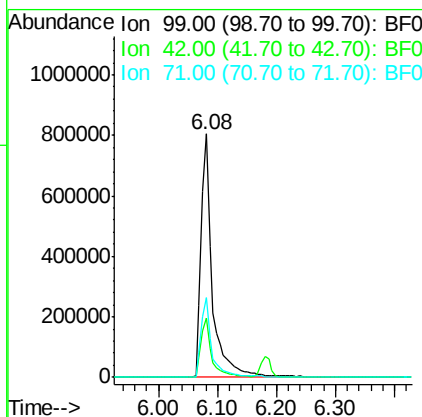
Tot Ion: 99 Resp: 1060719

Ion Ratio Lower Upper

99 100

42 24.2 13.5 20.3#

71 32.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.82 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

Tgt Ion: 70 Resp: 88845

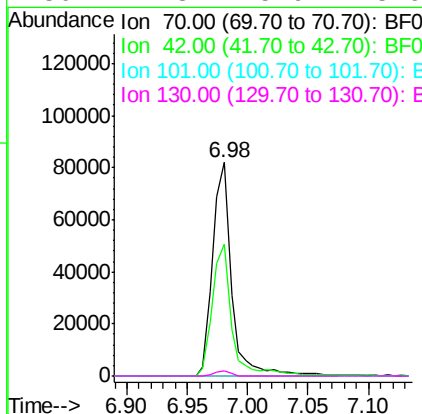
Ion Ratio Lower Upper

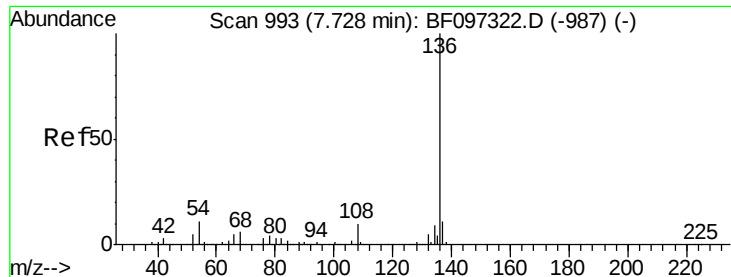
70 100

42 61.5 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: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473788

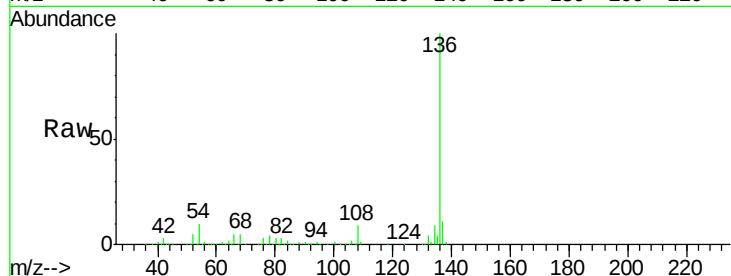
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.5 4.9 7.3#

68 5.4 4.1 6.1

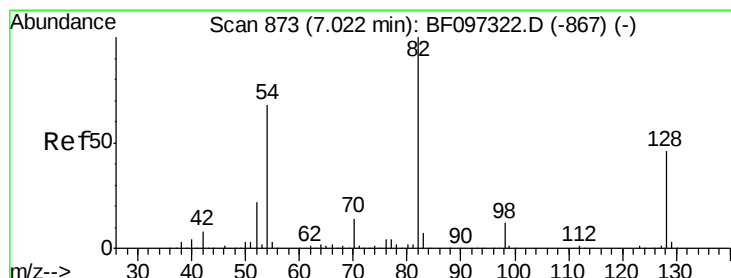
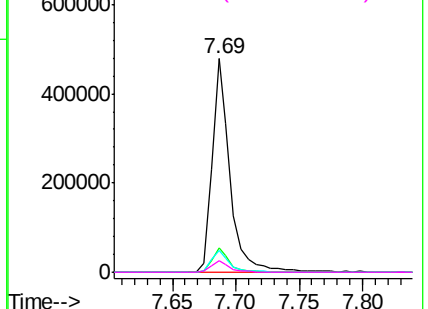
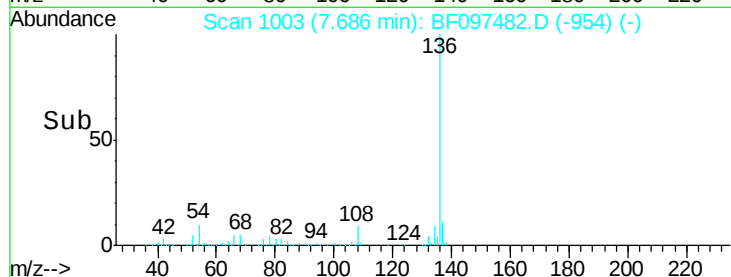


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.45 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

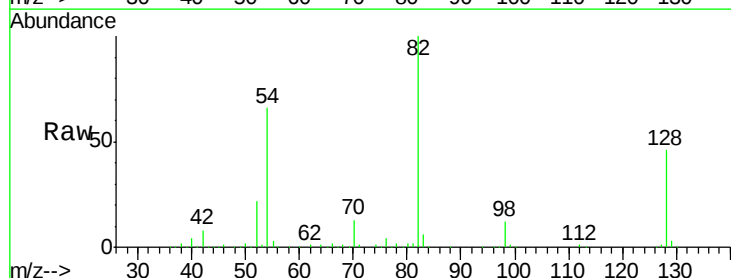
Tgt Ion: 82 Resp: 674005

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

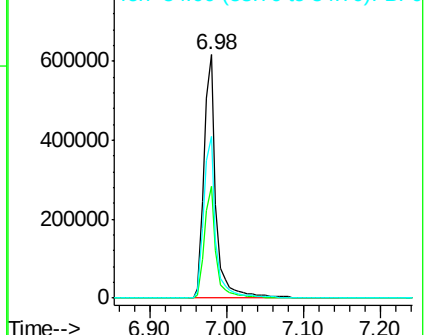
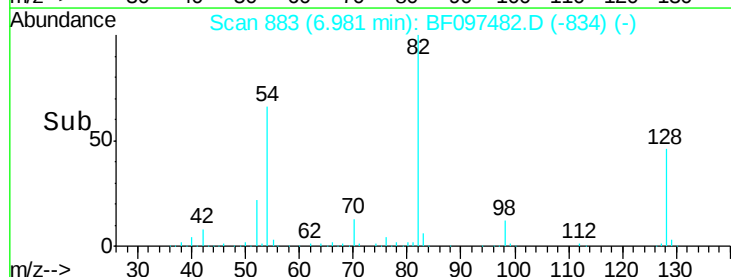
54 66.4 42.2 63.2#

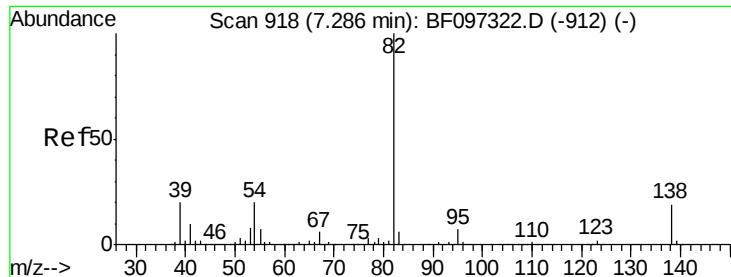


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.61 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

Instrument :

BNA_F

ClientSampleId :

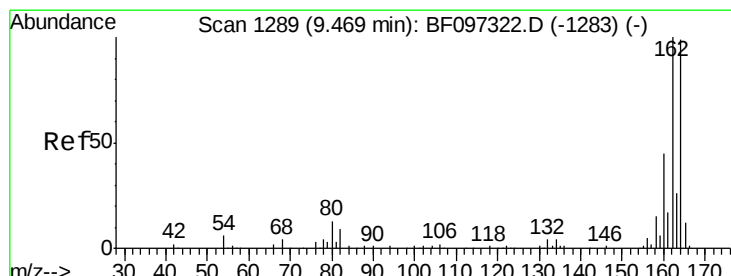
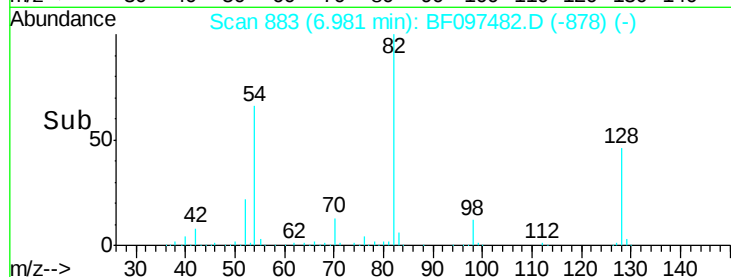
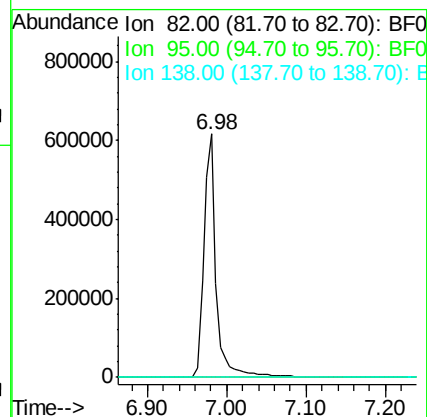
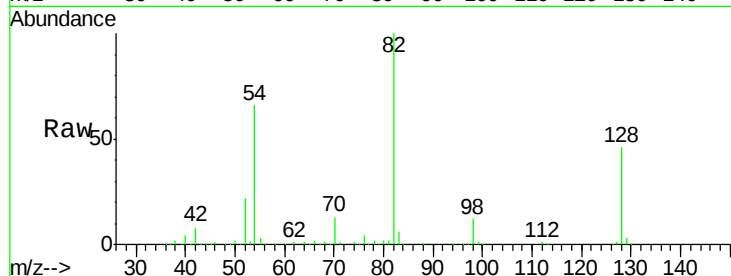
Tot Ion: 82 Resp: 674002

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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097482.D

Acq: 8 Aug 2017 21:40

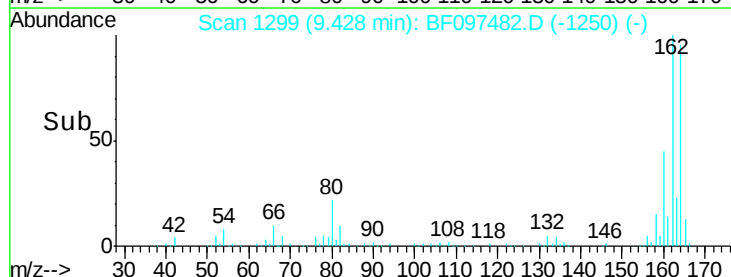
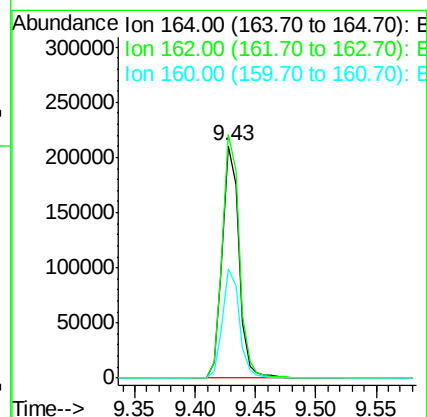
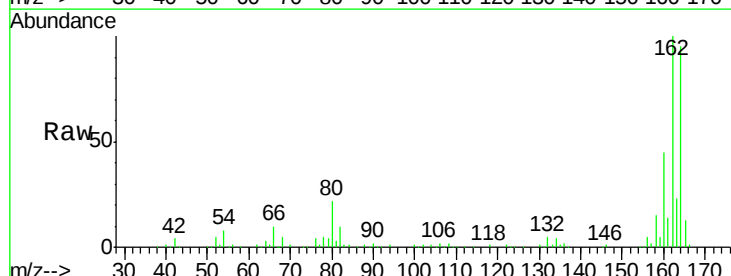
Tgt Ion:164 Resp: 201456

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

160 46.9 36.2 54.2

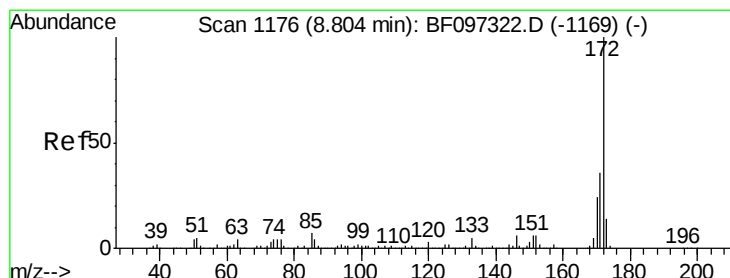
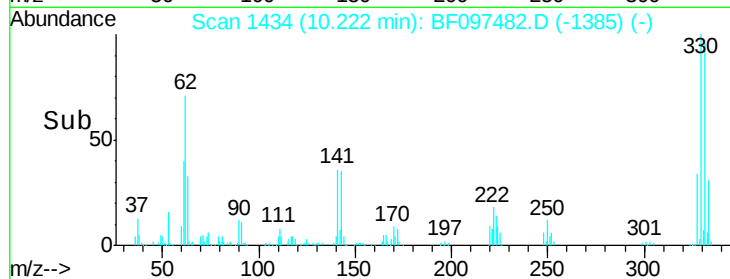
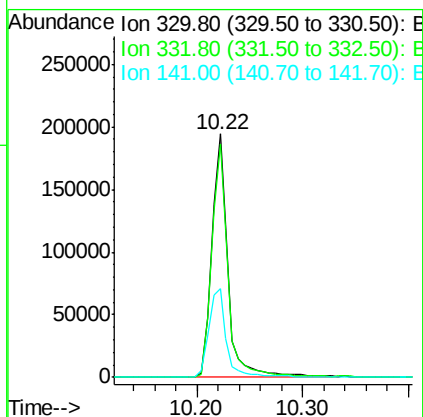
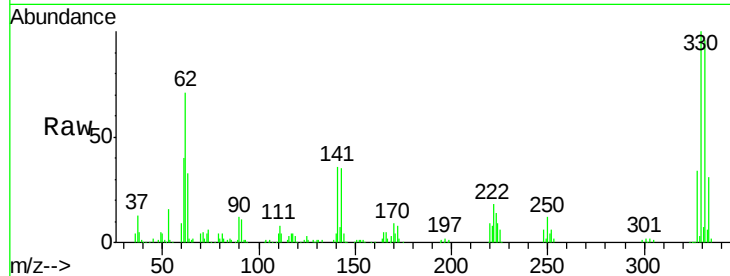




#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

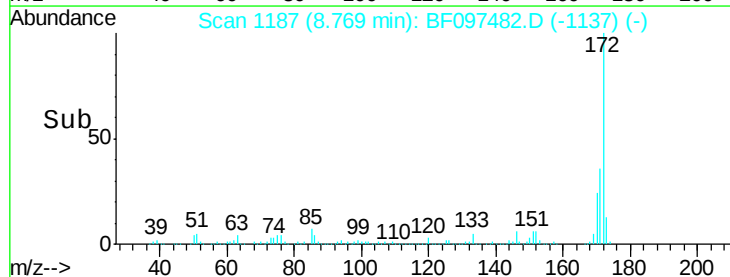
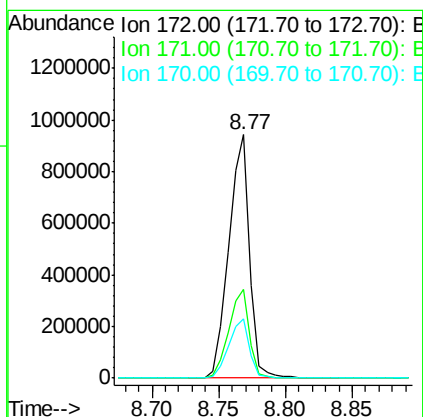
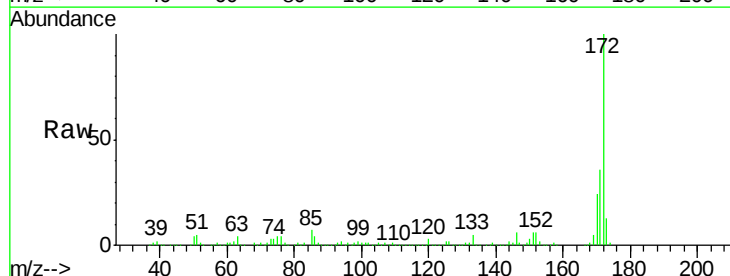
Instrument :
 BNA_F
 ClientSampled :

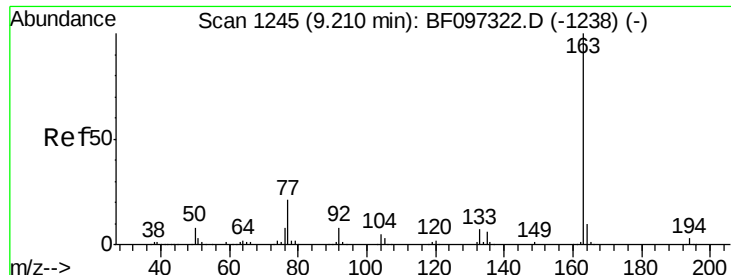
Tot Ion:330 Resp: 211247
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 40.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 87.07 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Tgt Ion:172 Resp: 1033581
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 19.8 29.8

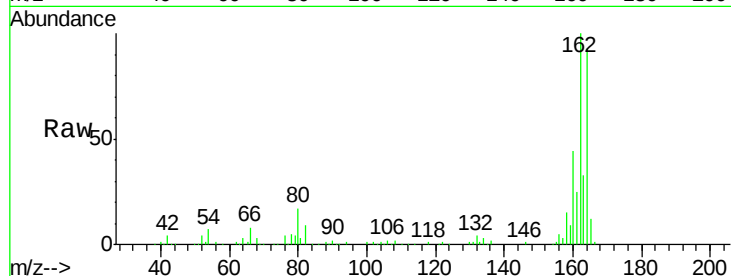




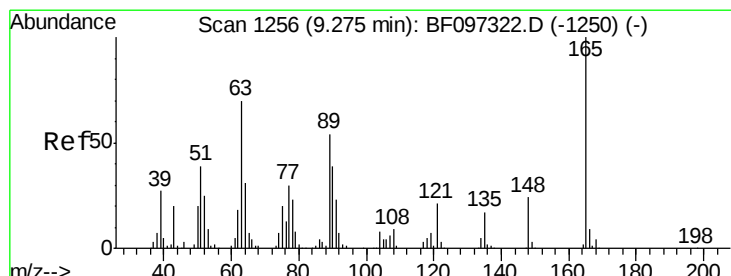
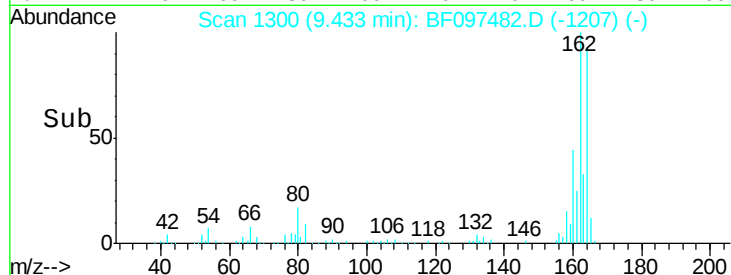
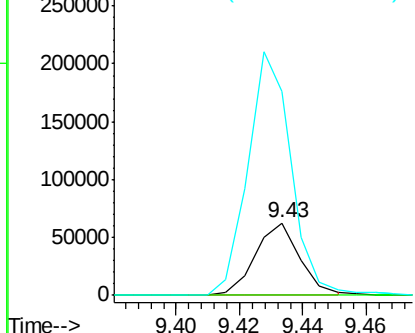
#49
 Dimethylphthalate
 Concen: 3.98 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. 0.25 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	281.6	8.4	12.6#

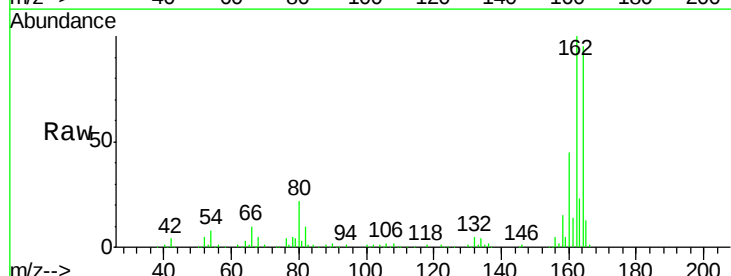


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

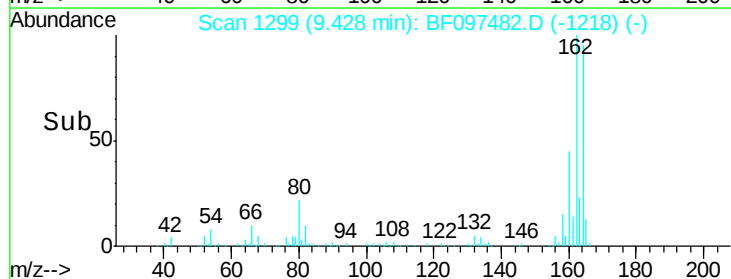
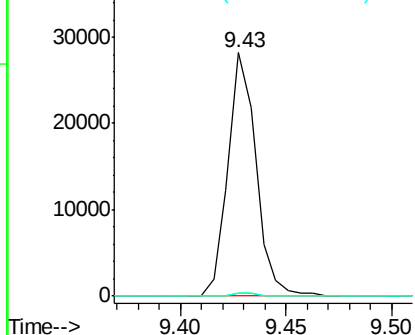


#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.3	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

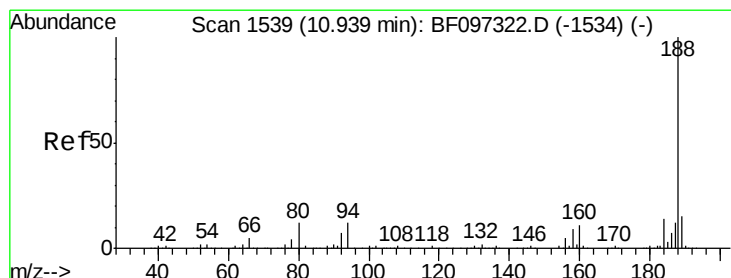
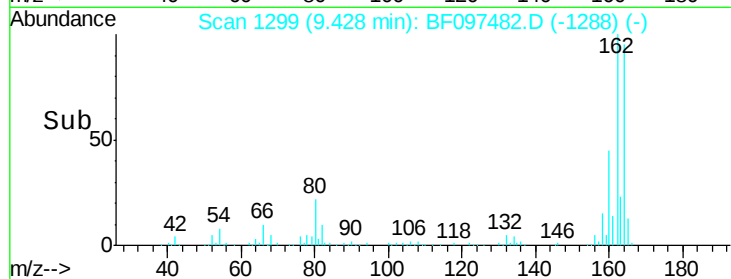
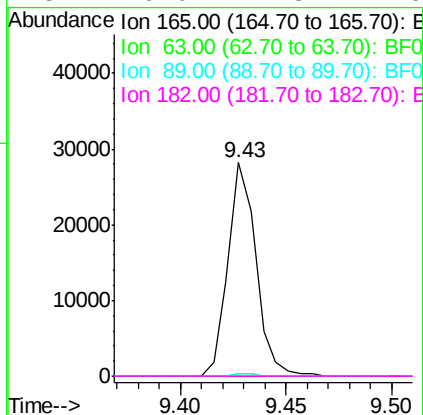
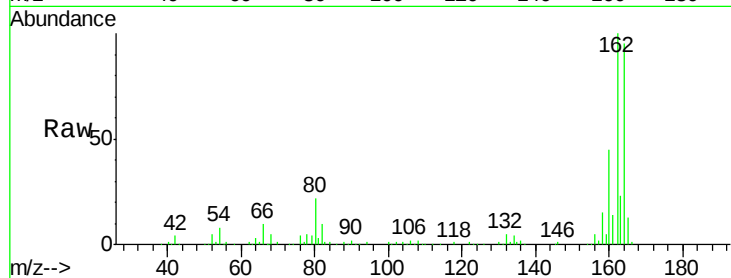




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

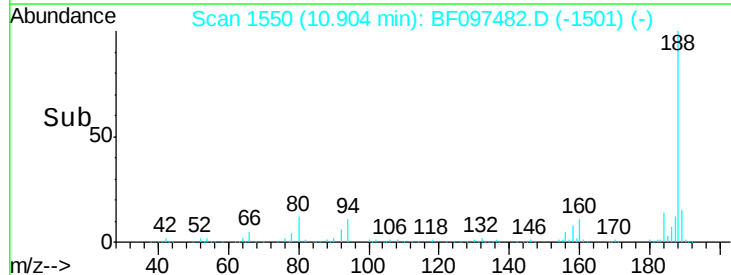
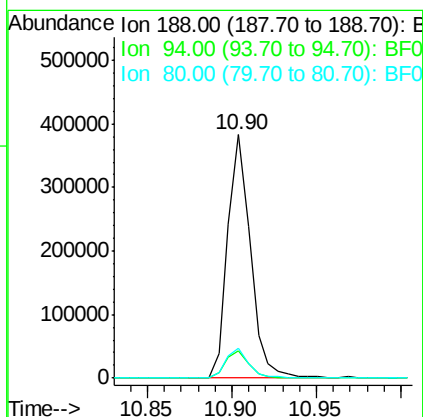
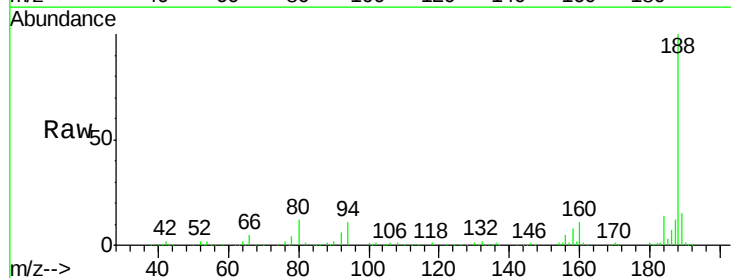
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.5	10.2	15.2

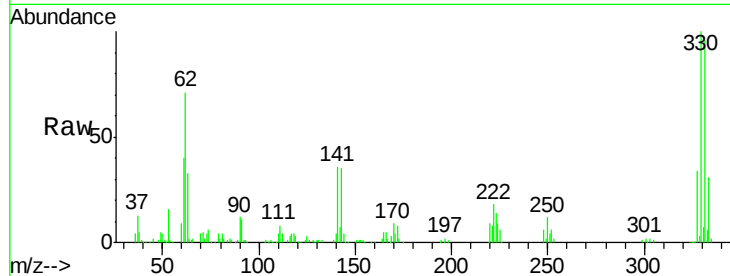




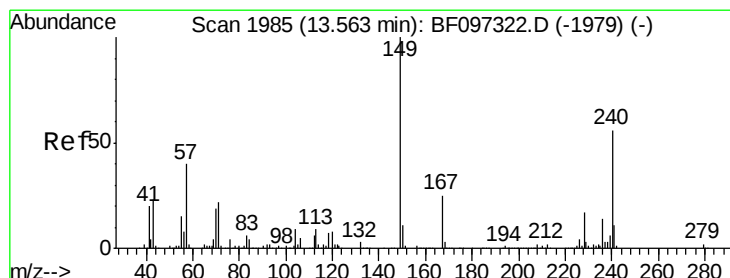
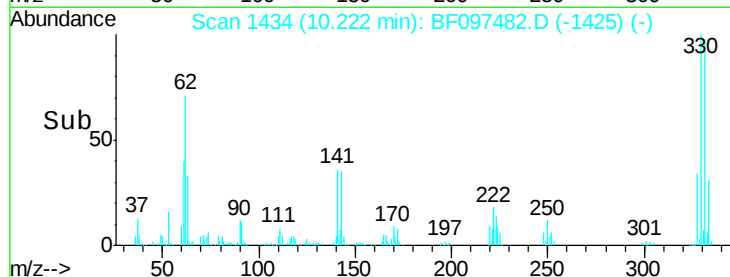
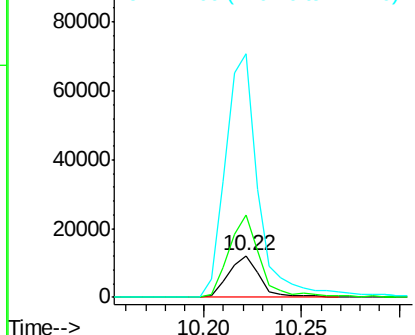
#66
 4-Bromophenyl-phenylether
 Concen: 3.70 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13333
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.8 115.2#
 141 582.2 68.6 103.0#

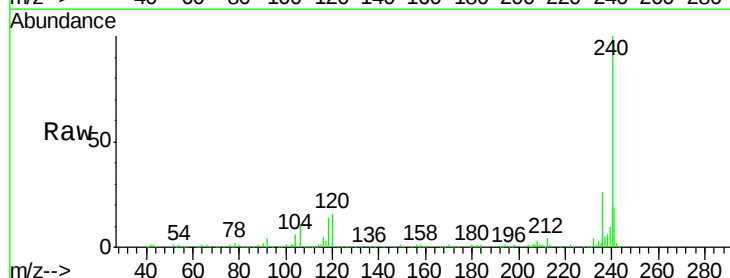


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

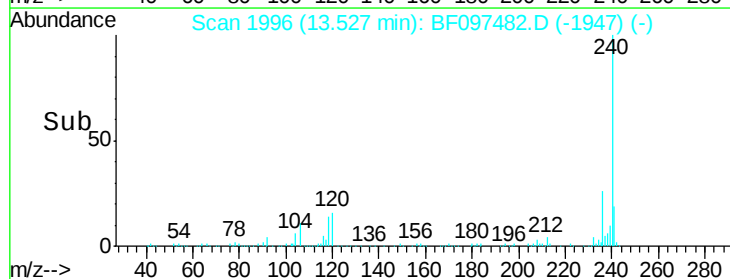
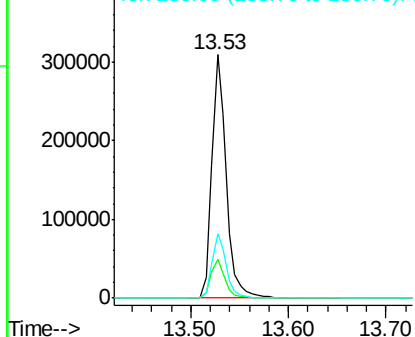


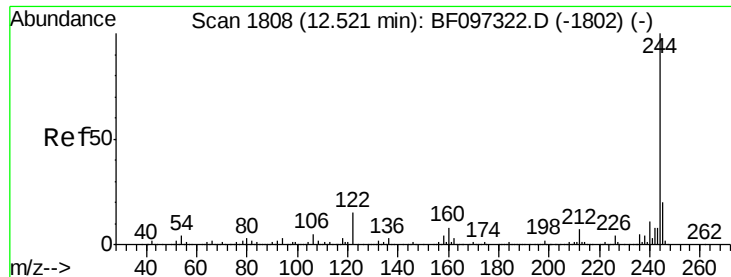
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Tgt Ion:240 Resp: 315738
 Ion Ratio Lower Upper
 240 100
 120 15.7 5.8 8.8#
 236 26.3 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

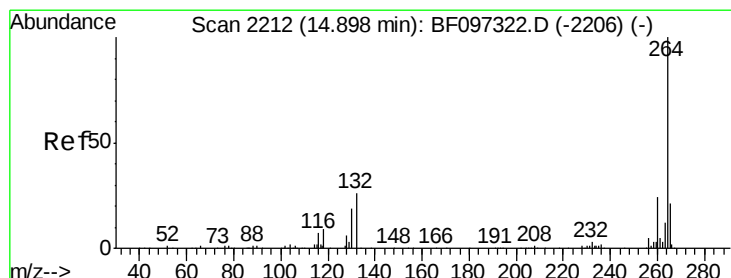
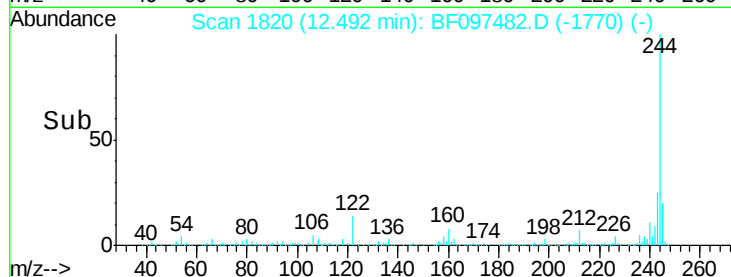
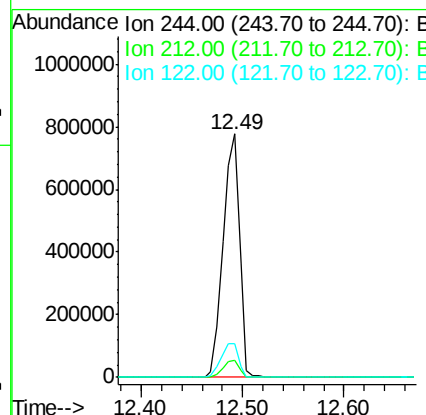
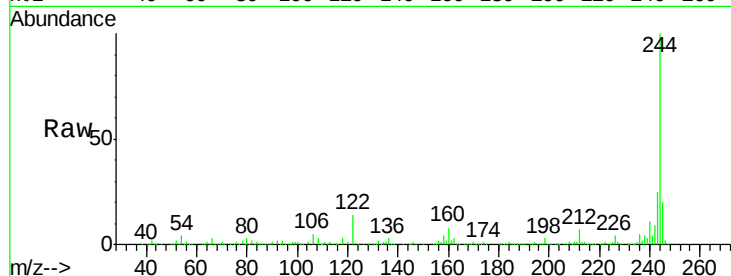




#78
 Terphenyl-d14
 Concen: 56.48 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 874680
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097482.D
 Acq: 8 Aug 2017 21:40

Tgt Ion:264 Resp: 140976
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.5 17.2 25.8

