

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097379.D
 Acq On : 5 Aug 2017 2:40
 Operator : SJ/JU
 Sample : I4591-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 05 03:25:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

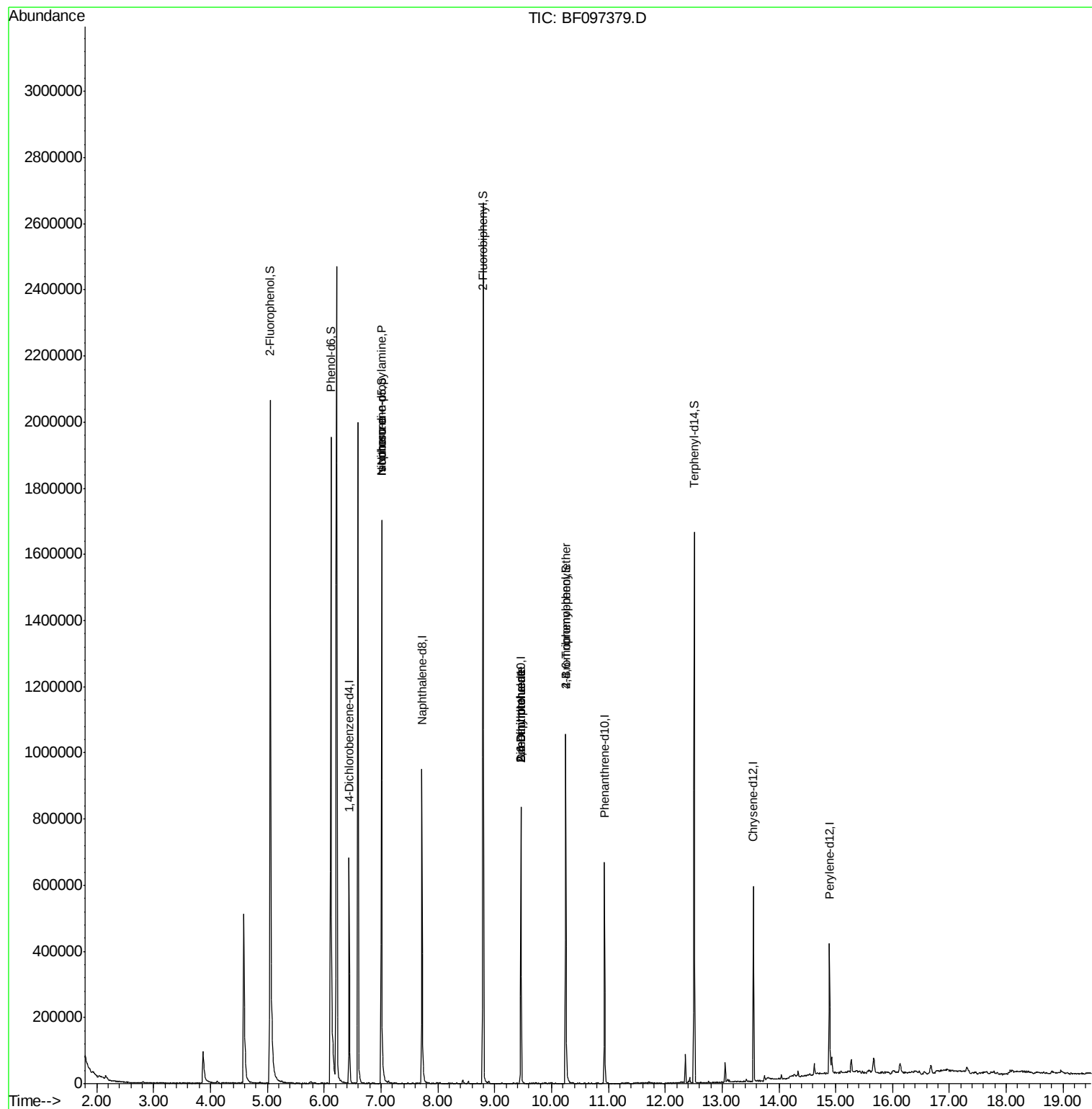
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	100586	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	444571	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	174633	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	231357	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	188100	20.00	ng	-0.08
86) Perylene-d12	14.89	264	152209	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	698406	104.67	ng	-0.05
7) Phenol-d6	6.12	99	852244	111.88	ng	-0.05
23) Nitrobenzene-d5	7.01	82	528323	69.72	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	132625	96.12	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	859707	83.55	ng	-0.07
78) Terphenyl-d14	12.51	244	528780	57.32	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.01	70	71777	14.32	ng	# 87
25) Isophorone	7.01	82	515953	34.77	ng	# 67
49) Dimethylphthalate	9.46	163	50717	3.82	ng	# 1
50) 2,6-Dinitrotoluene	9.46	165	20992	7.46	ng	# 33
56) 2,4-Dinitrotoluene	9.46	165	20992	6.49	ng	# 32
66) 4-Bromophenyl-phenylether	10.25	248	8314	3.60	ng	# 1

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

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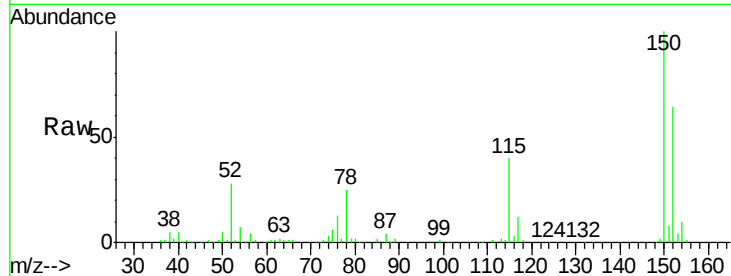


#1

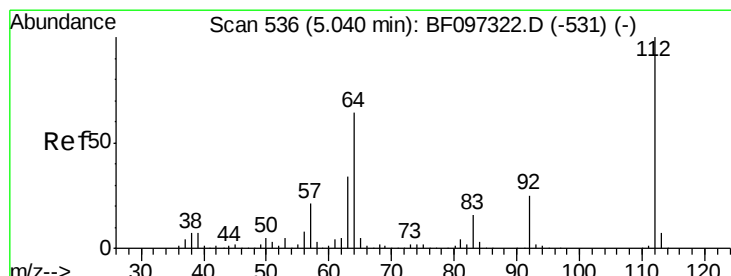
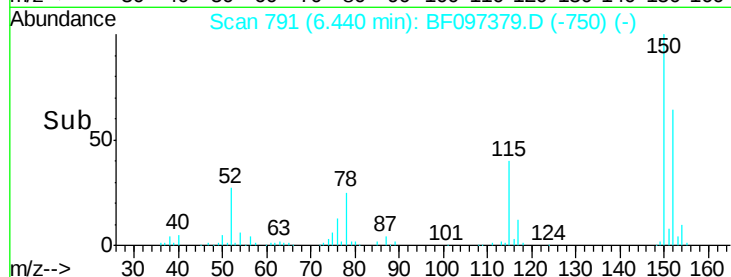
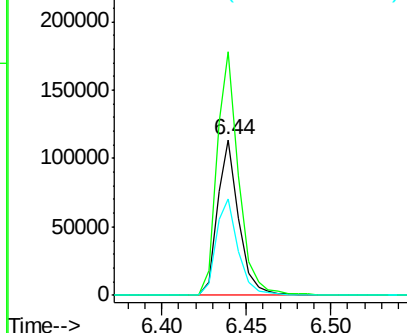
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.9	52.2	78.2



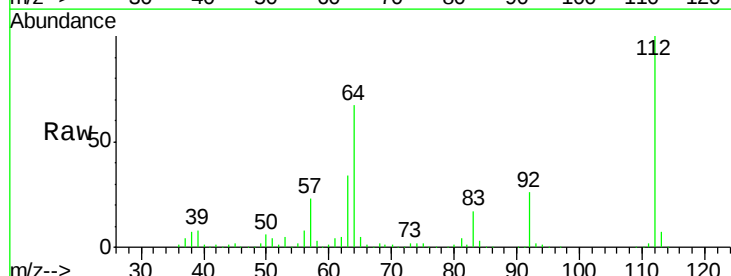
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



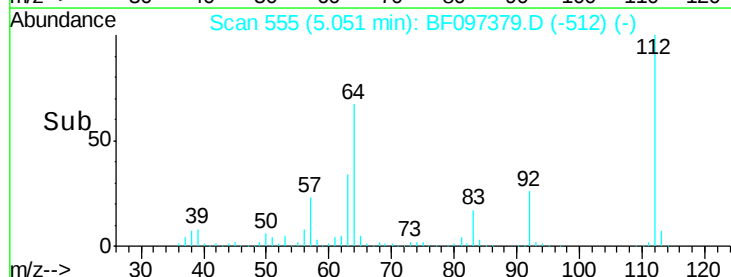
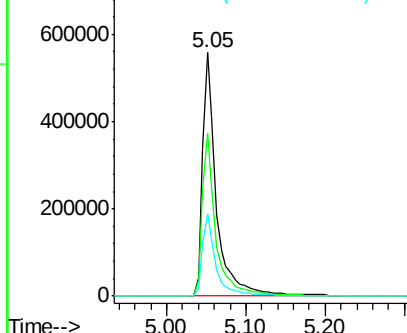
#5

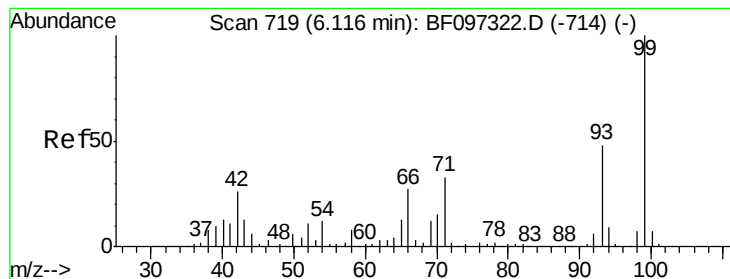
2-Fluorophenol
Concen: 104.67 ng
RT: 5.05 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	34.0	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: 111.88 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

Instrument :

BNA_F

ClientSampled :

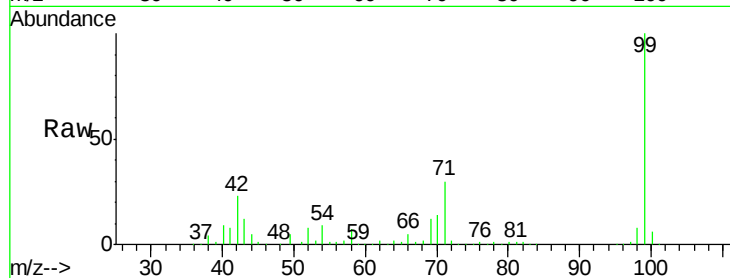
Tot Ion: 99 Resp: 852244

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

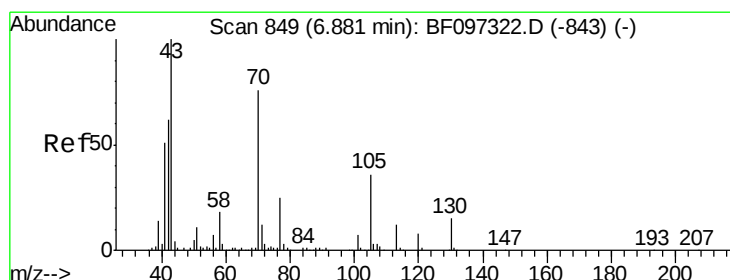
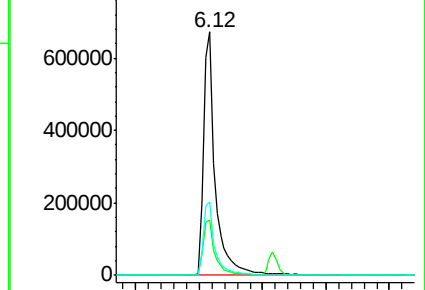
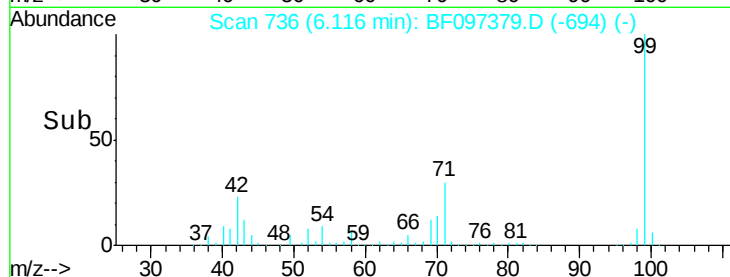
71 30.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.32 ng

RT: 7.01 min Scan# 888

Delta R.T. 0.08 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

Tgt Ion: 70 Resp: 71777

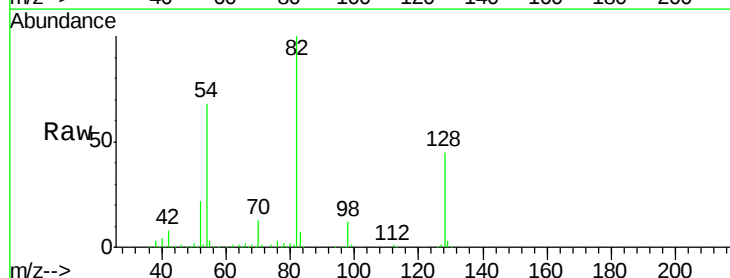
Ion Ratio Lower Upper

70 100

42 61.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

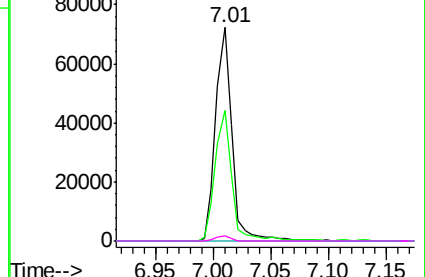
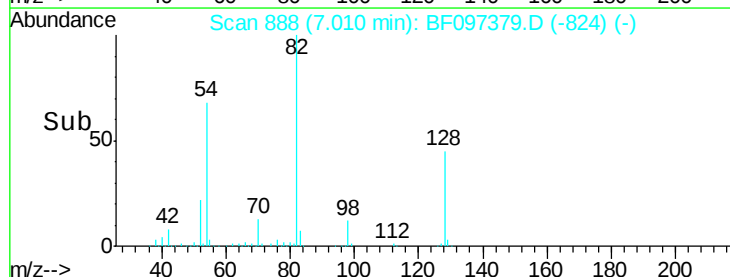


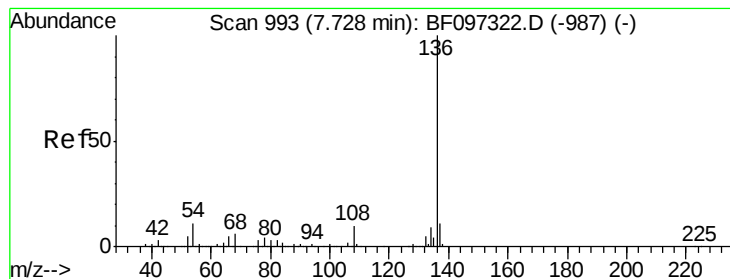
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444571

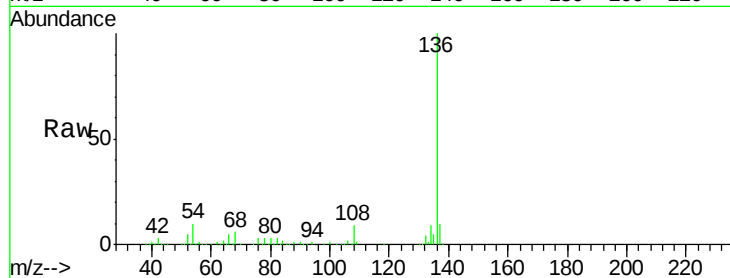
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.2 4.9 7.3#

68 5.6 4.1 6.1

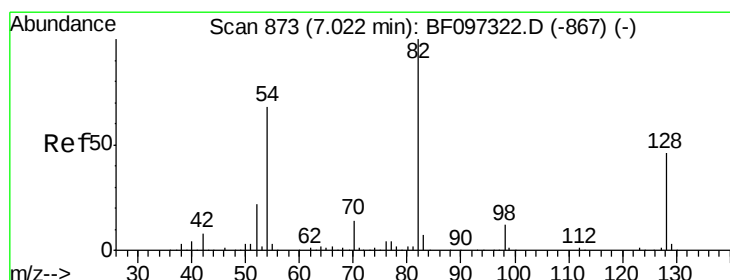
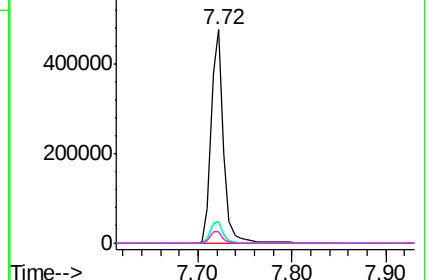
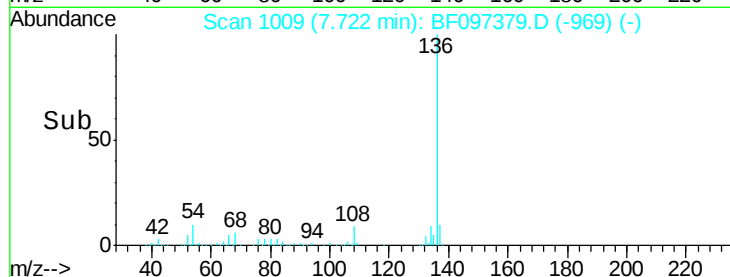


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.72 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

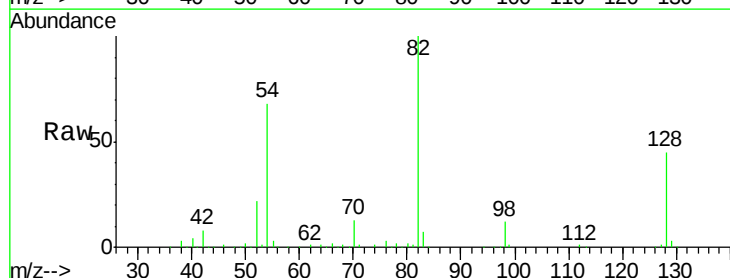
Tgt Ion: 82 Resp: 528323

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

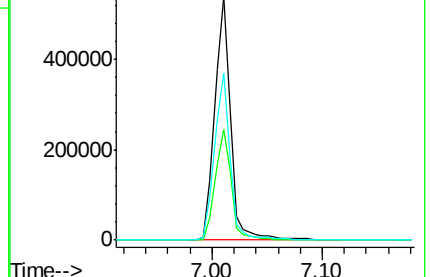
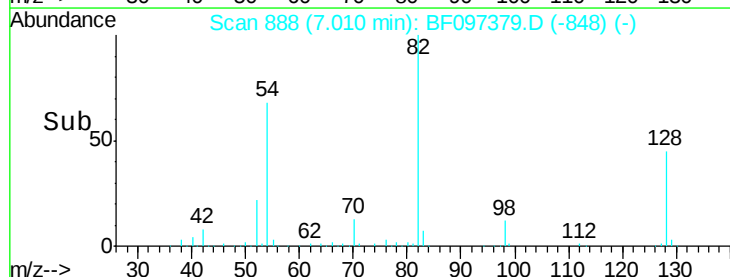
54 68.4 42.2 63.2#

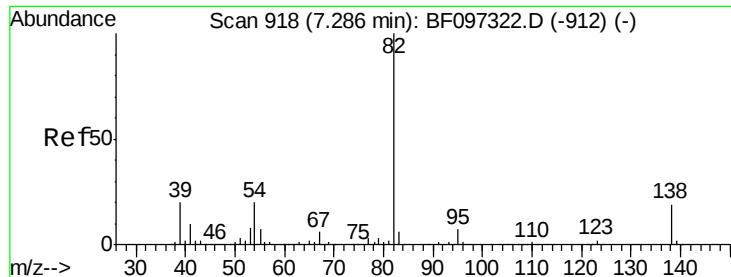


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

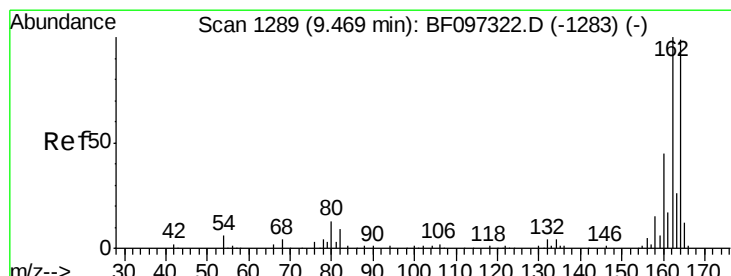
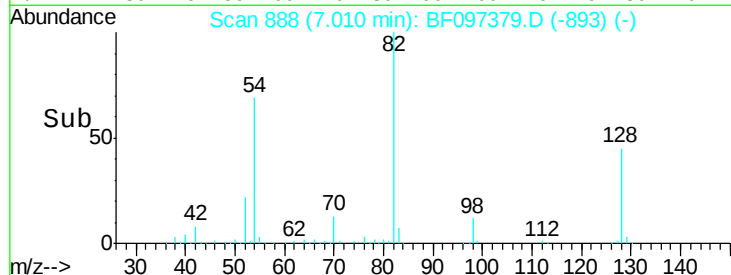
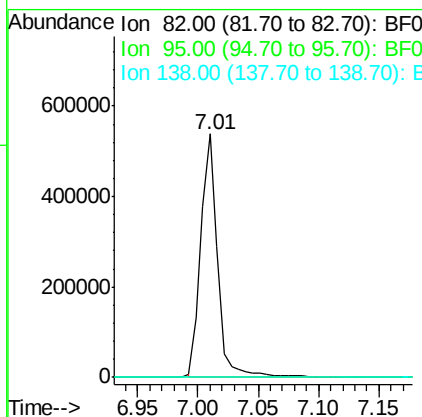
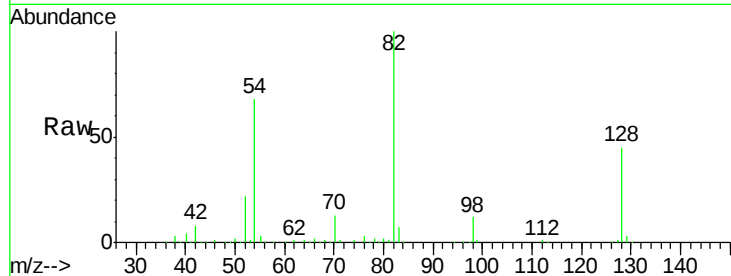




#25
Isophorone
Concen: 34.77 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.33 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

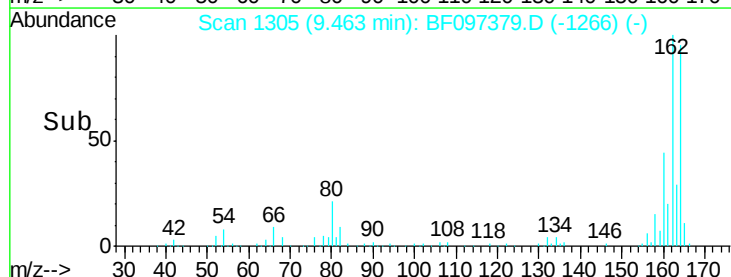
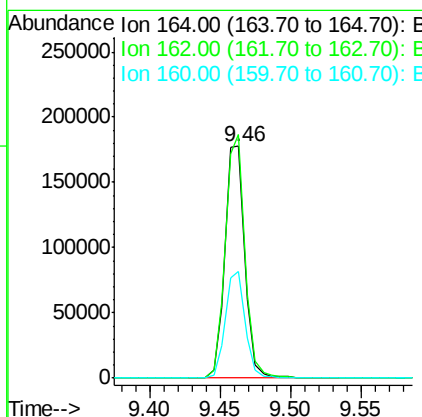
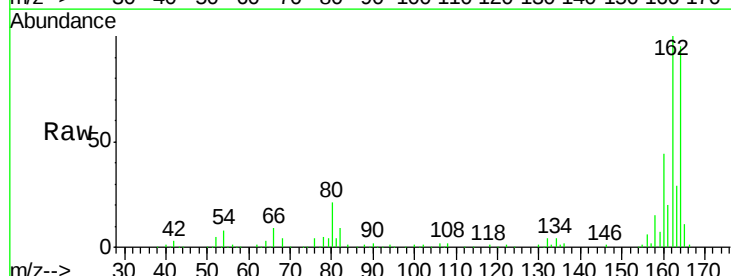
Instrument :
BNA_F
ClientSampleId :

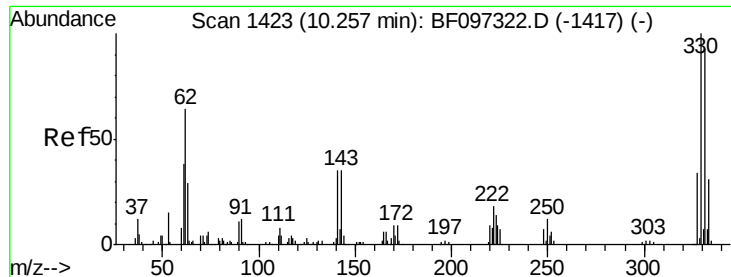
Tot Ion: 82 Resp: 515953
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion: 164 Resp: 174633
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 45.9 36.2 54.2

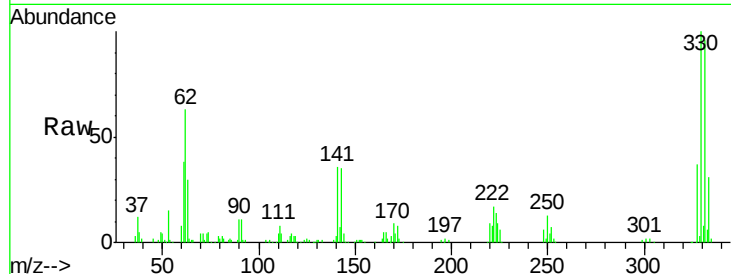




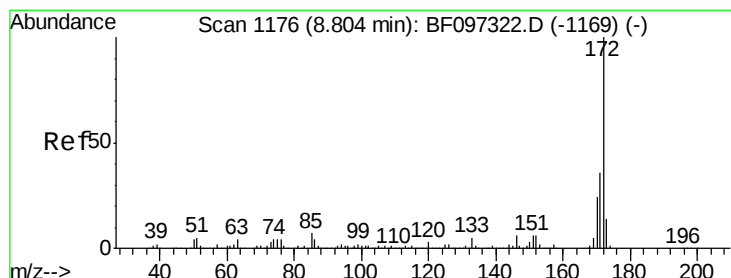
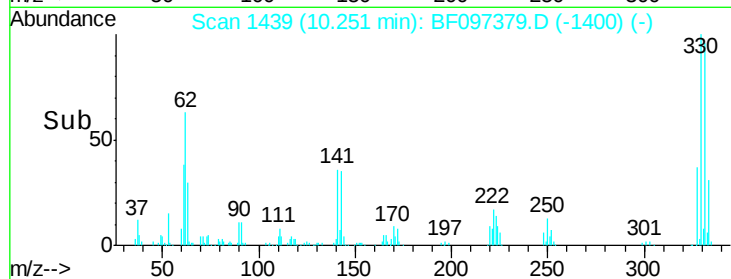
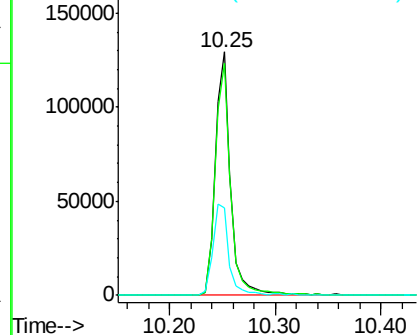
#41
 2,4,6-Tribromophenol
 Concen: 96.12 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.3	31.4	47.2

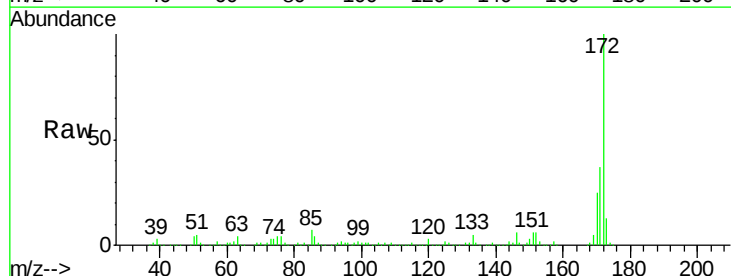


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

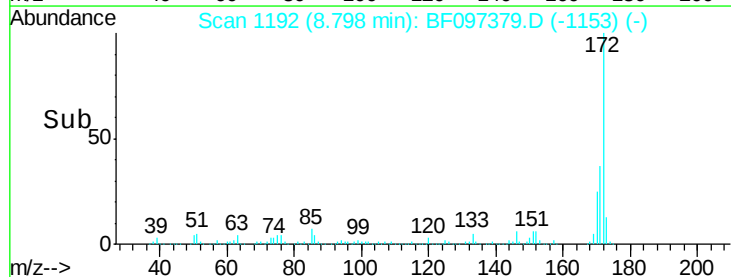
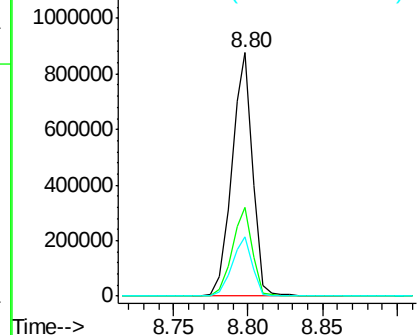


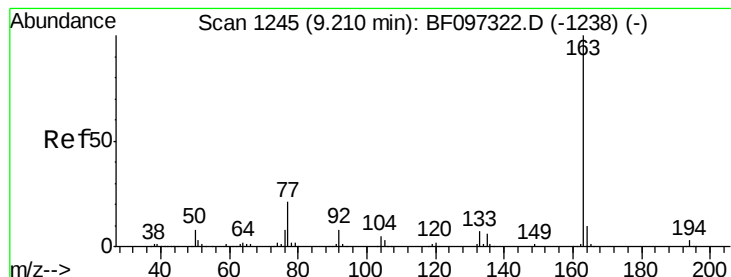
#44
 2-Fluorobiphenyl
 Concen: 83.55 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	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: 3.82 ng

RT: 9.46 min Scan# 1305

Delta R.T. 0.19 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

Instrument :

BNA_F

ClientSampleId :

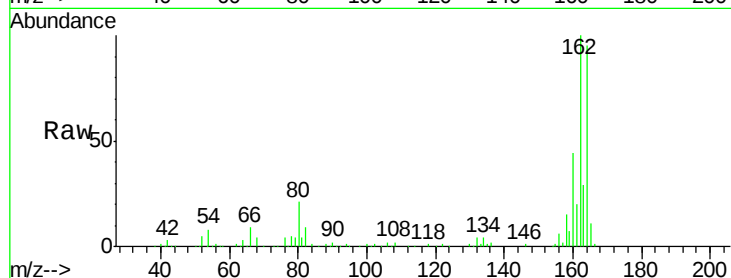
Tot Ion:163 Resp: 50717

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

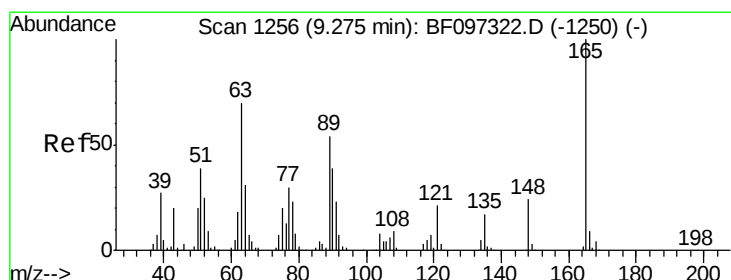
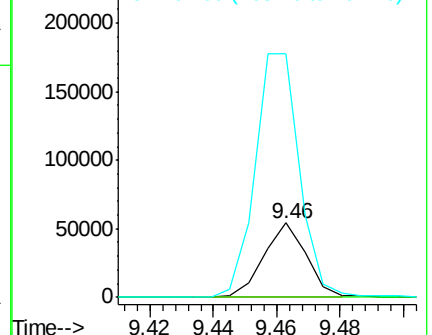
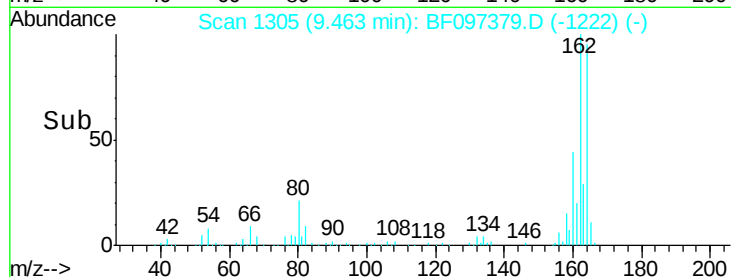
164 328.6 8.4 12.6#



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: 7.46 ng

RT: 9.46 min Scan# 1304

Delta R.T. 0.12 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

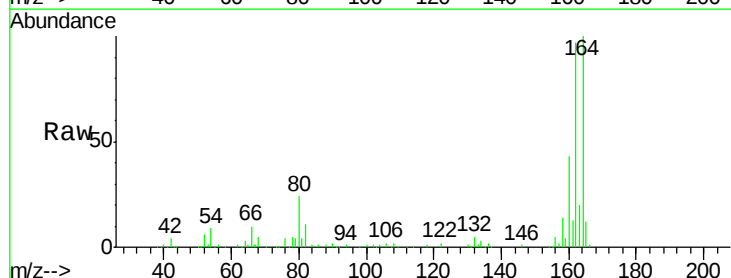
Tgt Ion:165 Resp: 20992

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

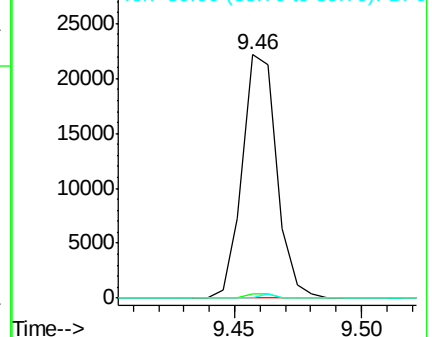
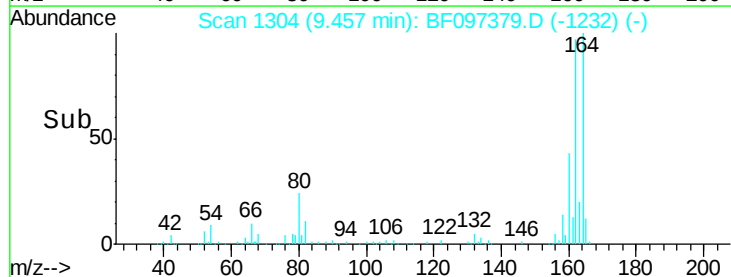
89 0.0 37.1 55.7#

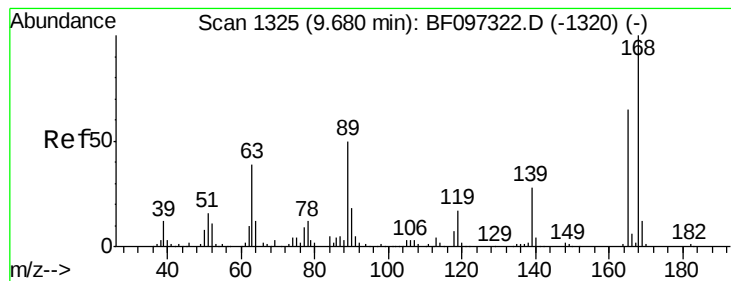


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.49 ng

RT: 9.46 min Scan# 1304

Delta R.T. -0.28 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20992

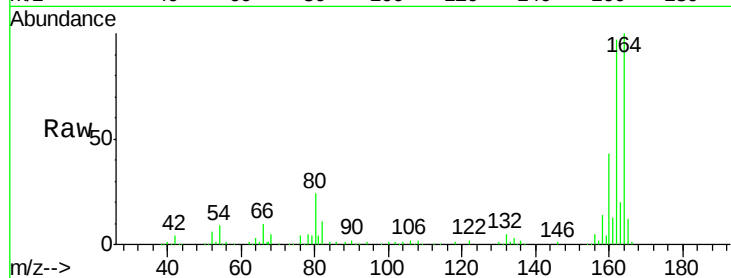
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

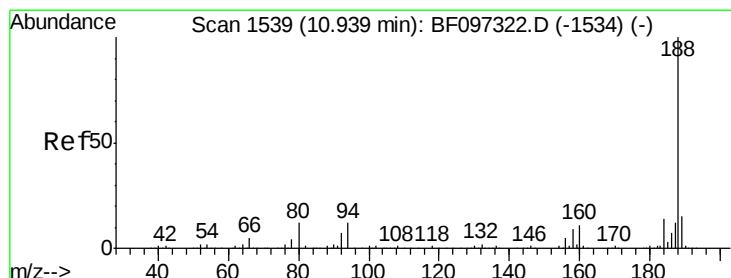
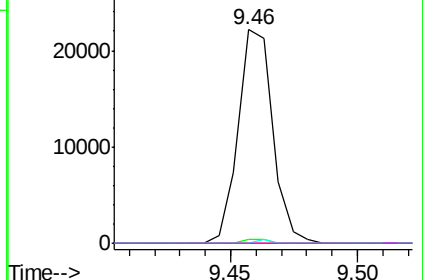
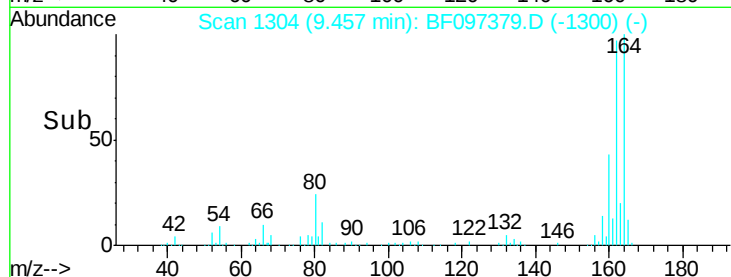


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.93 min Scan# 1555

Delta R.T. -0.07 min

Lab File: BF097379.D

Acq: 5 Aug 2017 2:40

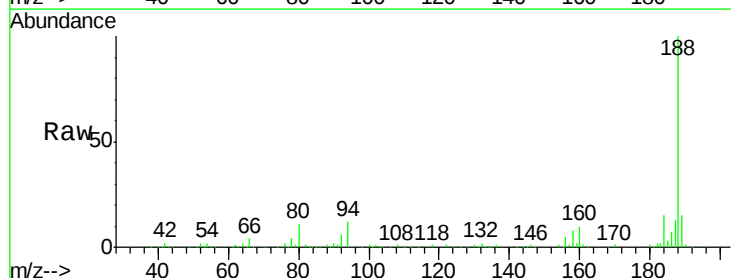
Tgt Ion:188 Resp: 231357

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

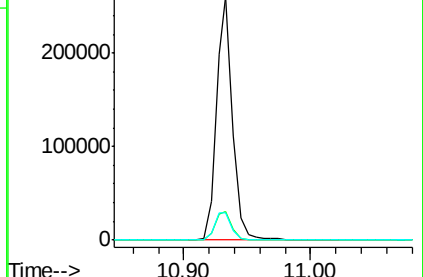
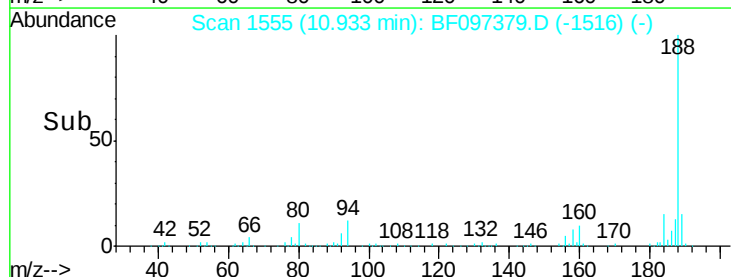
80 11.4 10.2 15.2



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

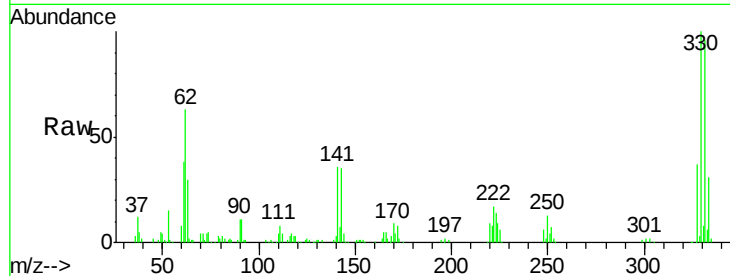




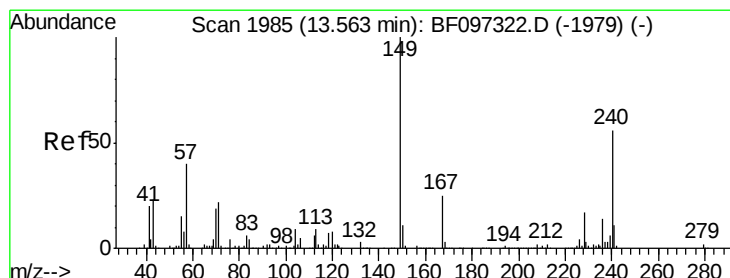
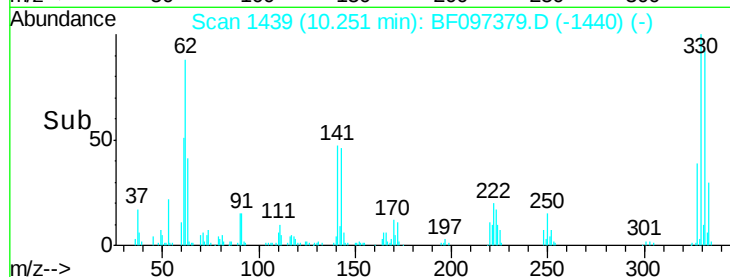
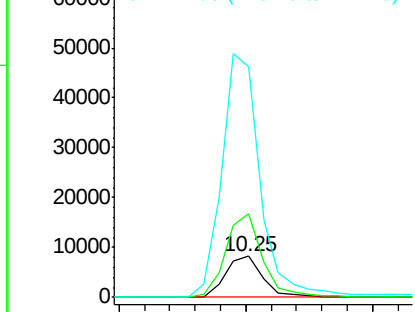
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.31 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8314
 Ion Ratio Lower Upper
 248 100
 250 206.3 76.8 115.2#
 141 566.1 68.6 103.0#

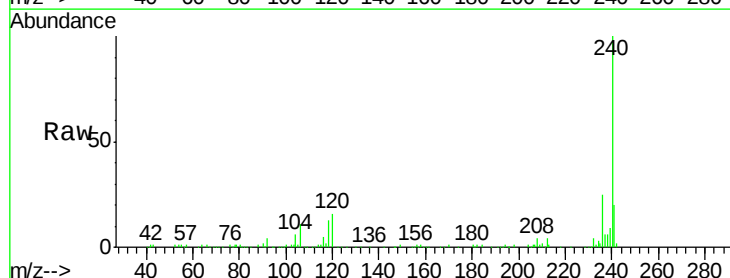


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

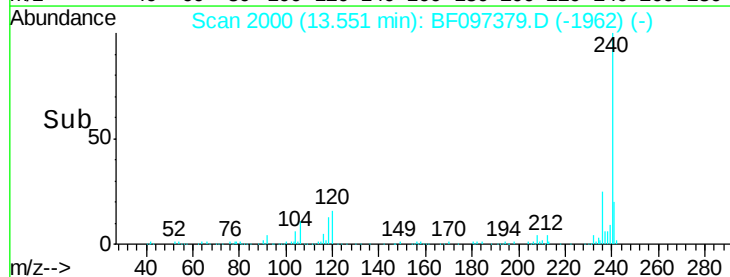
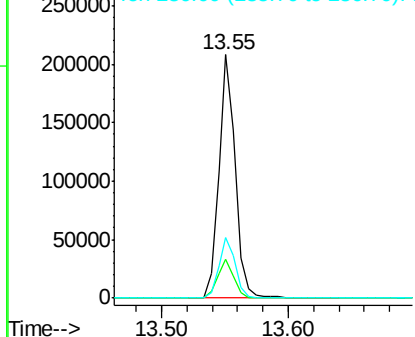


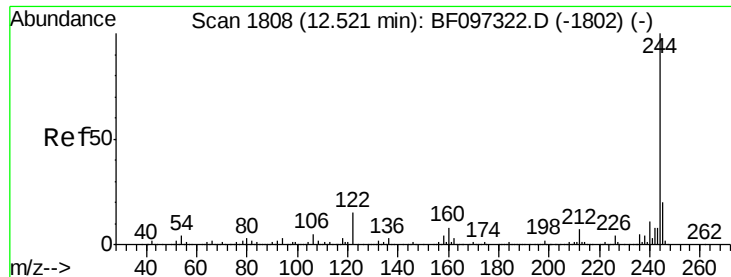
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.08 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Tgt Ion:240 Resp: 188100
 Ion Ratio Lower Upper
 240 100
 120 15.9 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

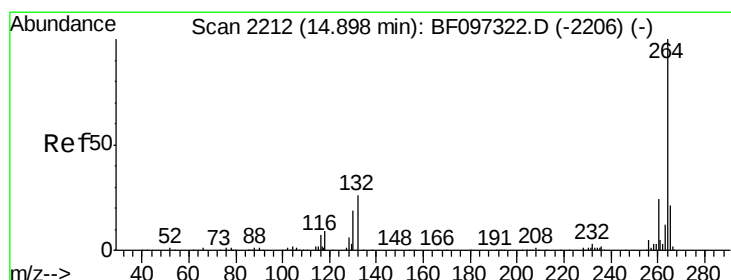
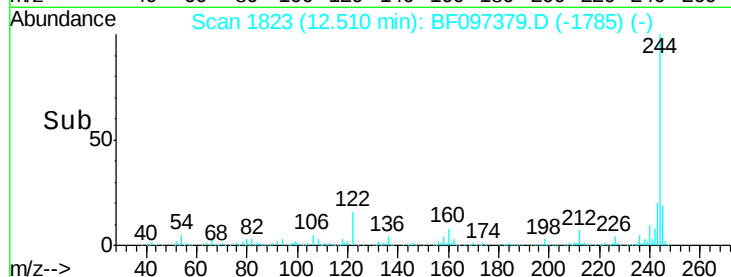
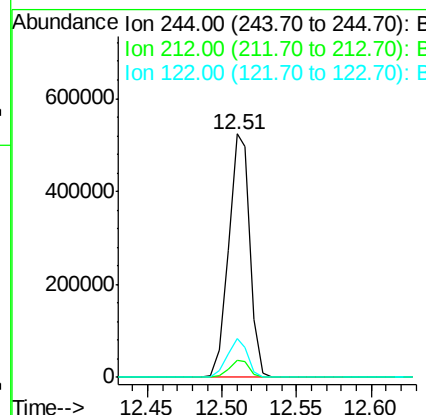
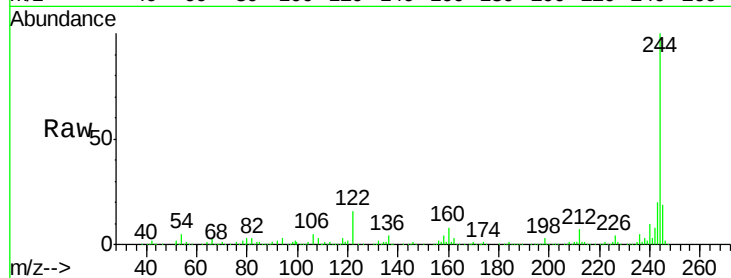




#78
 Terphenyl-d14
 Concen: 57.32 ng
 RT: 12.51 min Scan# 1823
 Delta R.T. -0.08 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 528780
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097379.D
 Acq: 5 Aug 2017 2:40

Tgt Ion:264 Resp: 152209
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.5 17.2 25.8

