

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097464.D
 Acq On : 8 Aug 2017 12:49
 Operator : SJ/JU
 Sample : I4613-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

Quant Time: Aug 08 16:54:55 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	105115	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	420797	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	168448	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	311876	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	240469	20.00	ng	-0.01
86) Perylene-d12	14.87	264	178732	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.02	112	815234	116.92	ng	0.01
7) Phenol-d6	6.09	99	888201	111.58	ng	0.00
23) Nitrobenzene-d5	6.98	82	667817	93.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	203565	152.95	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1025497	103.32	ng	0.00
78) Terphenyl-d14	12.49	244	837711	71.03	ng	0.00

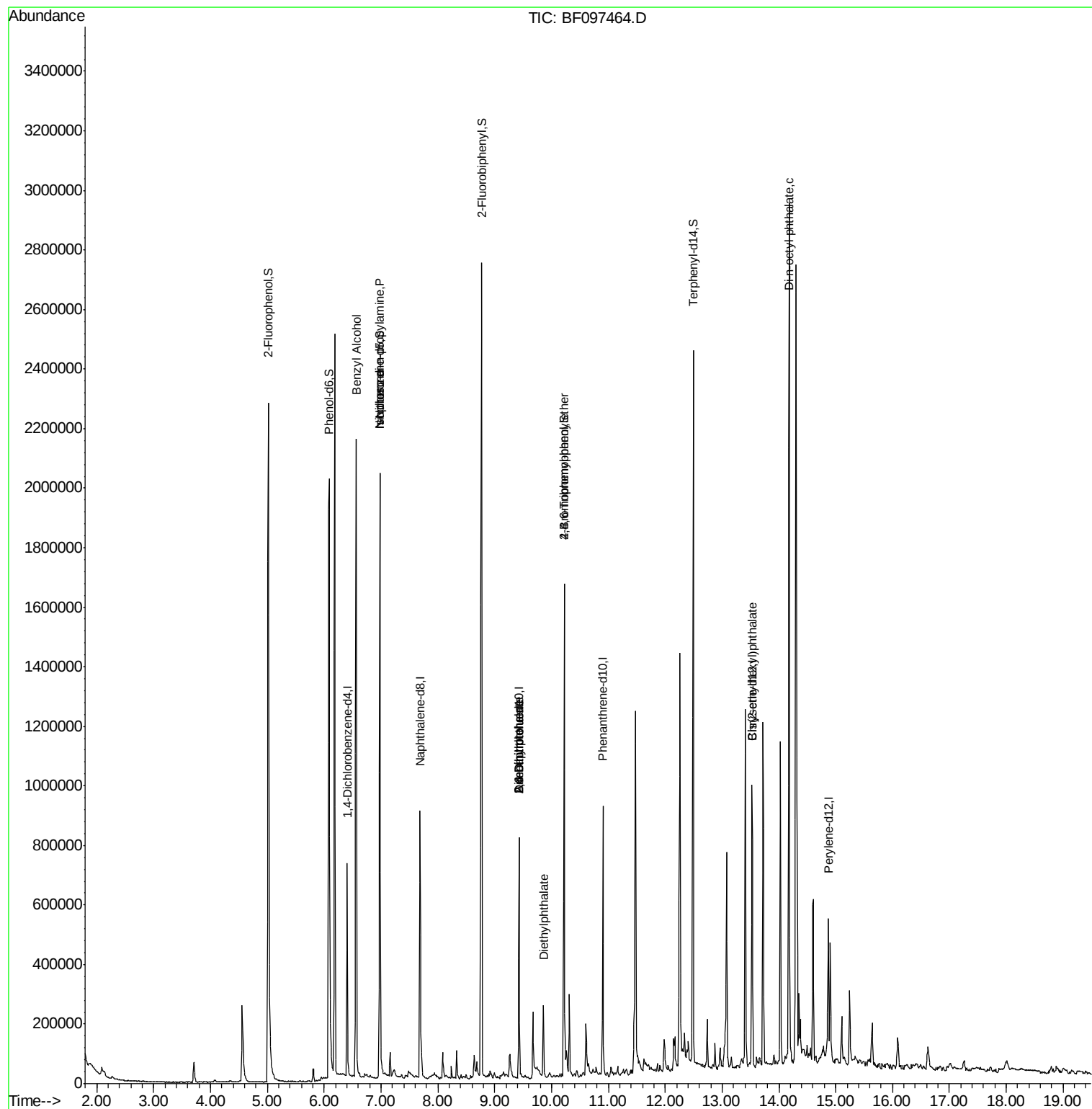
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.56	79	10628	2.109	ng	# 41
19) n-Nitroso-di-n-propylamine	6.98	70	95016	18.134	ng	# 86
25) Isophorone	6.98	82	667810	47.540	ng	# 67
49) Dimethylphthalate	9.43	163	50294	3.932	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	21470	7.914	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	21470	6.884	ng	# 32
59) Diethylphthalate	9.86	149	95025	8.097	ng	99
66) 4-Bromophenyl-phenylether	10.22	248	13248	4.256	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.53	149	70436	5.387	ng	99
84) Di-n-octyl phthalate	14.18	149	280525	11.691	ng	# 27

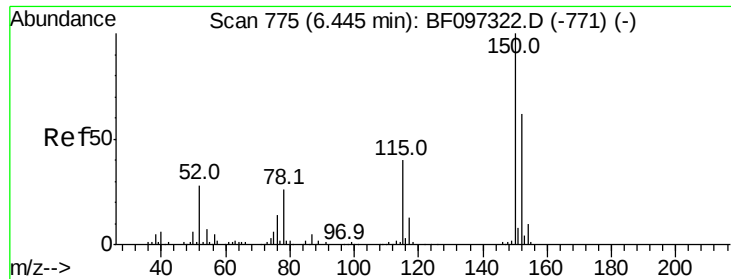
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

BNA_F

ClientSampleId :

TR-05-080317

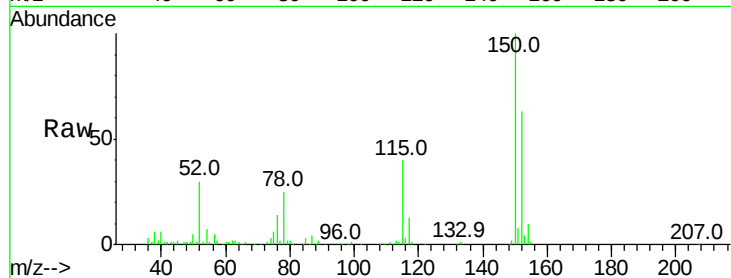
Tot Ion:152 Resp: 105115

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

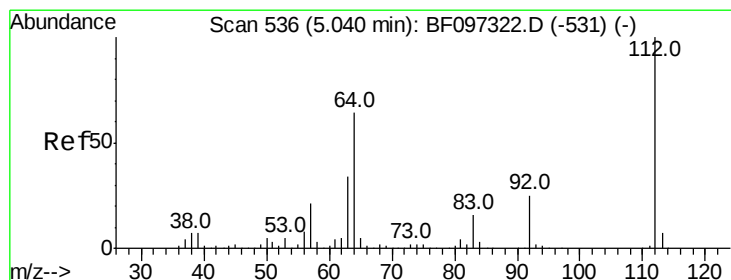
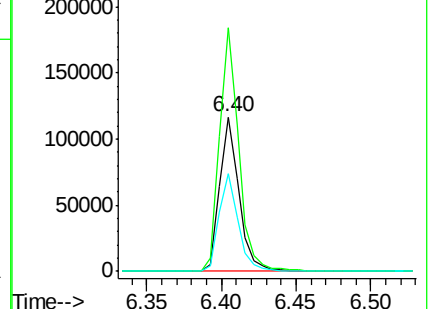
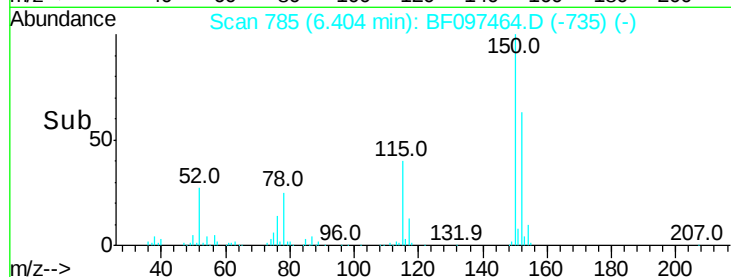
115 63.4 52.2 78.2



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: 116.915 ng

RT: 5.02 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

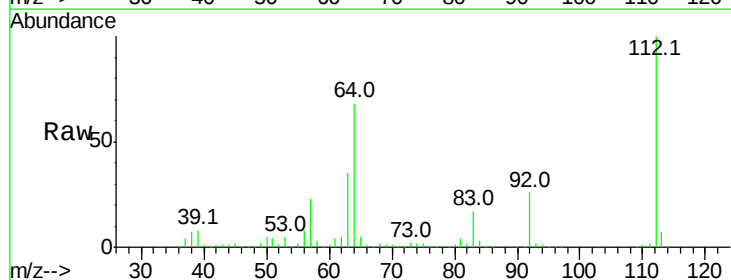
Tgt Ion:112 Resp: 815234

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

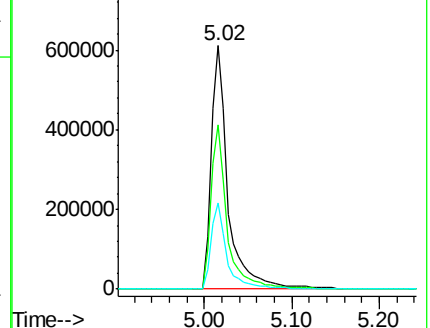
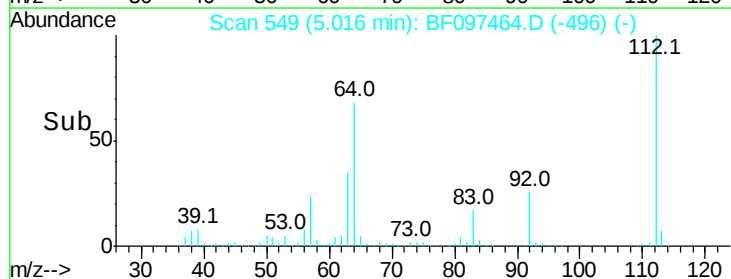
63 35.3 23.4 35.0#

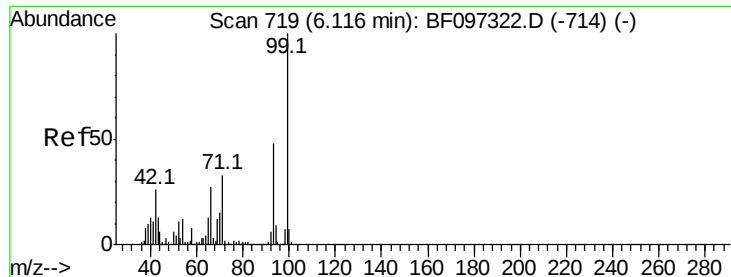


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.578 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

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ClientSampleId :

TR-05-080317

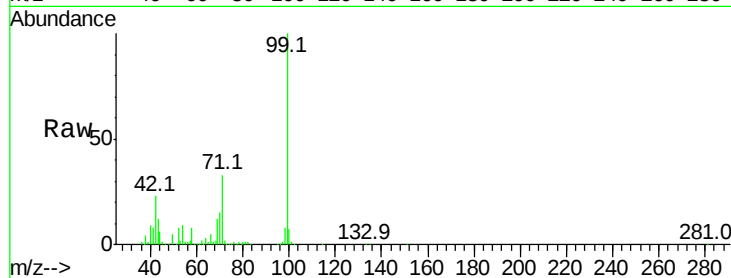
Tot Ion: 99 Resp: 888201

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

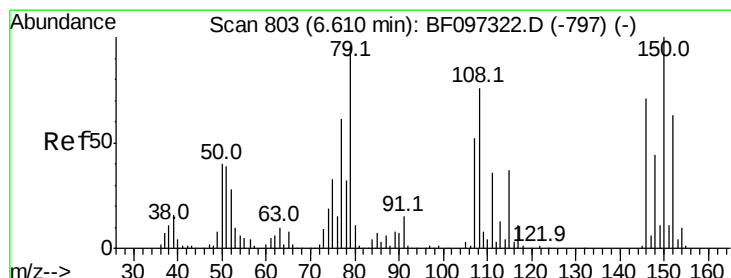
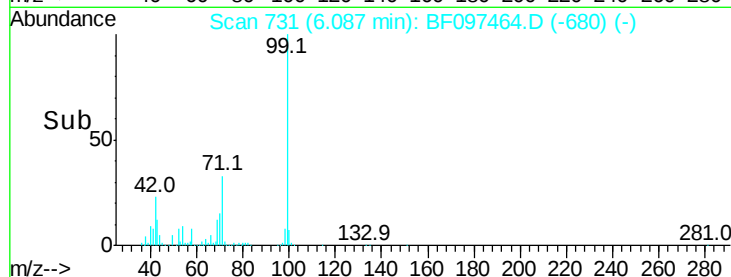
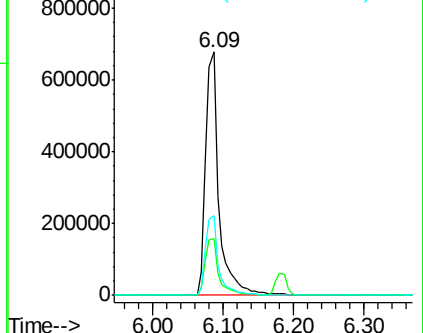
71 32.5 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.109 ng

RT: 6.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

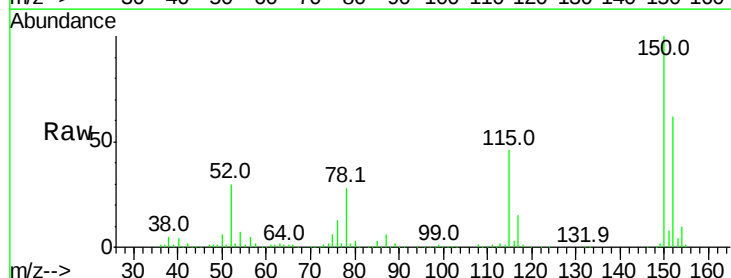
Tgt Ion: 79 Resp: 10628

Ion Ratio Lower Upper

79 100

108 27.6 63.4 95.0#

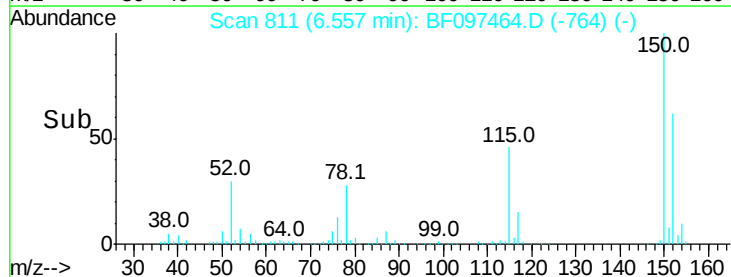
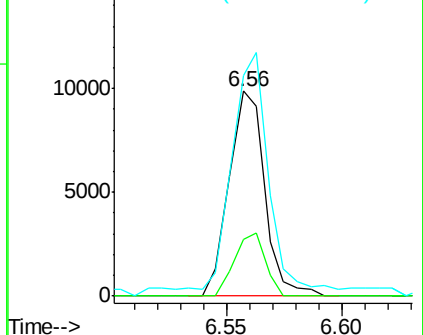
77 107.4 49.2 73.8#

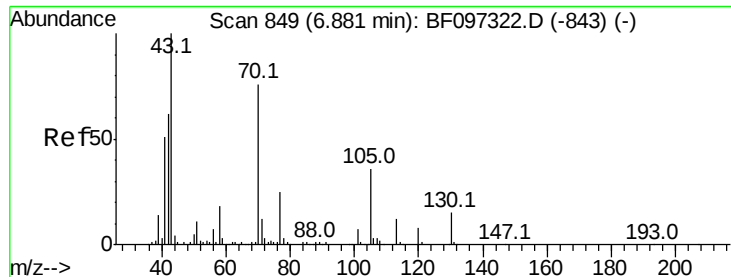


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

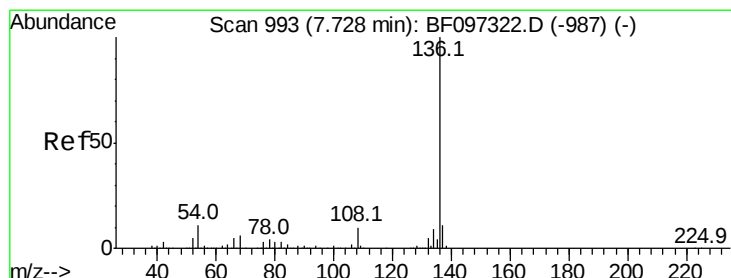
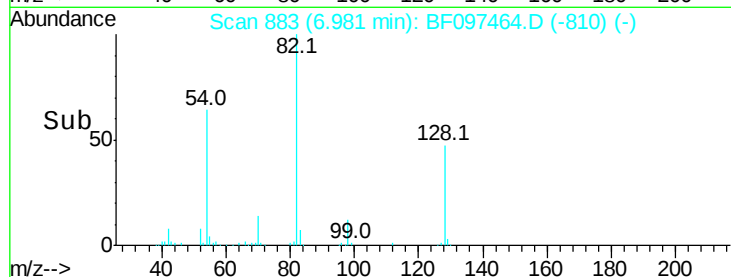
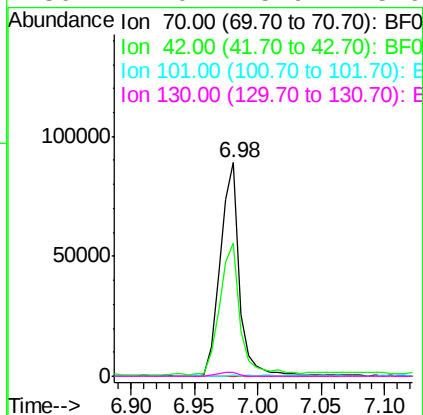
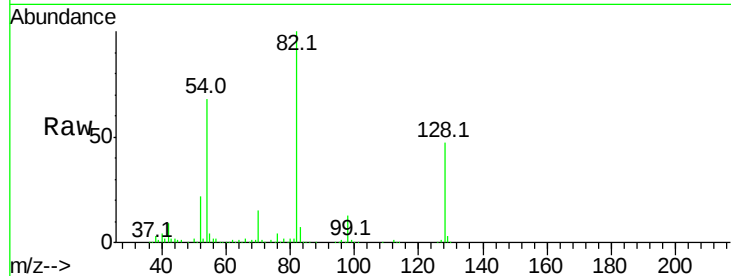




#19
n-Nitroso-di-n-propylamine
Concen: 18.134 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

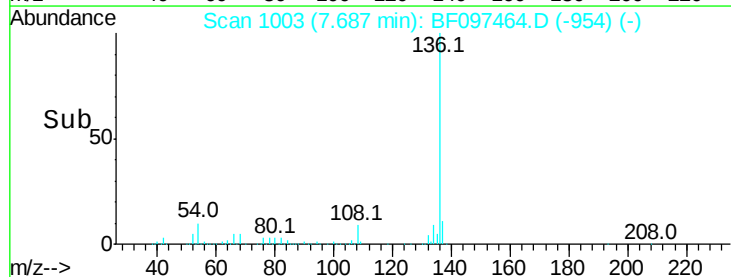
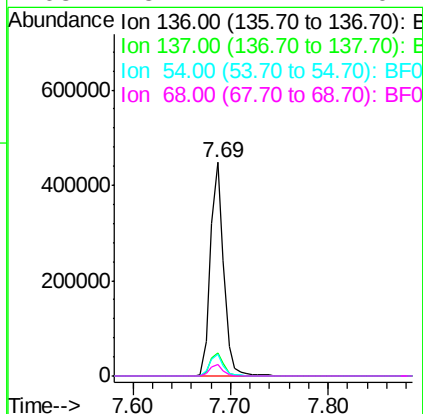
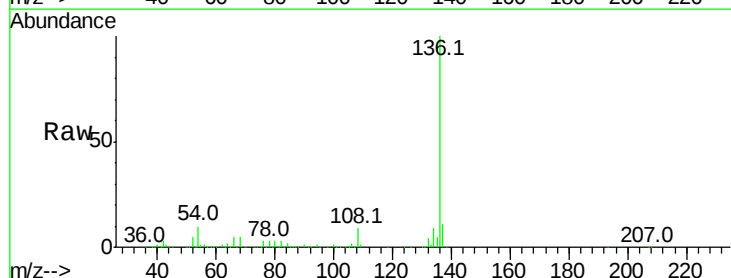
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TR-05-080317

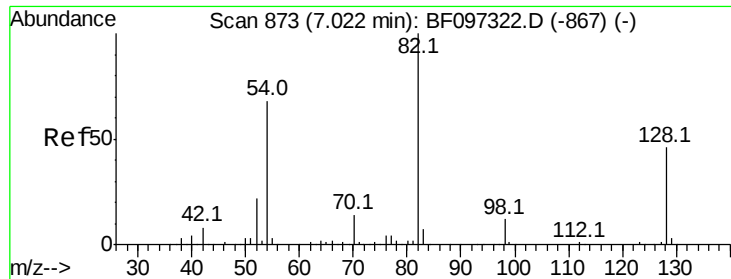
Tot Ion: 70 Resp: 95016
Ion Ratio Lower Upper
70 100
42 62.3 47.2 70.8
101 0.4 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Tgt Ion:136 Resp: 420797
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.4 4.9 7.3#
68 5.4 4.1 6.1

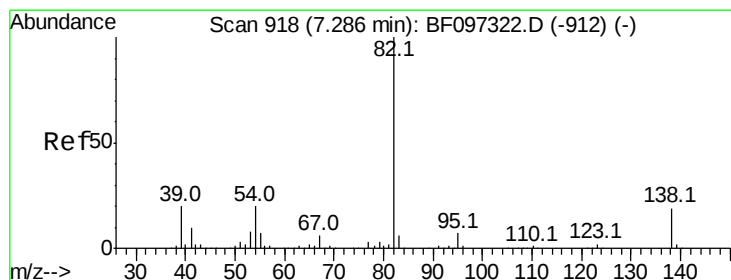
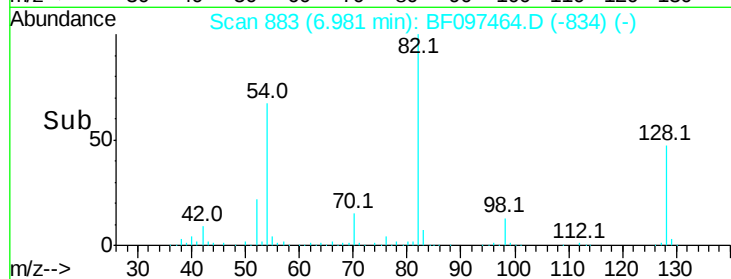
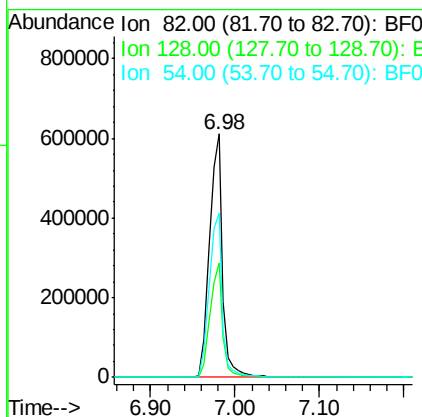
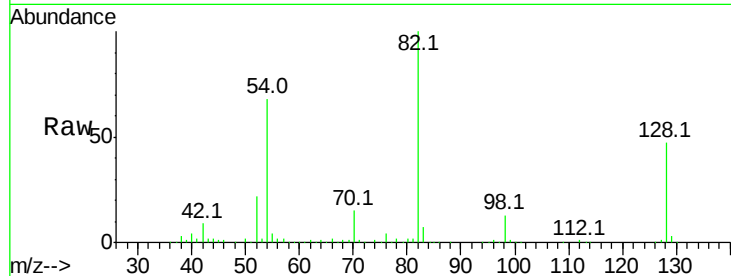




#23
 Nitrobenzene-d5
 Concen: 93.101 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

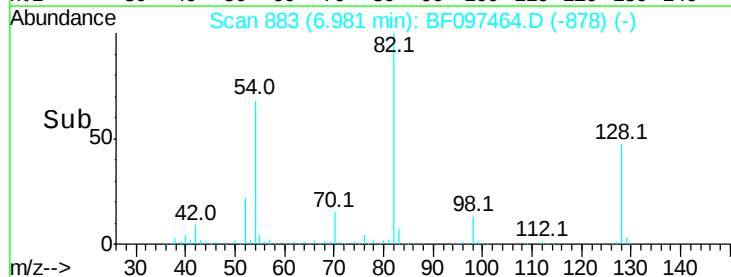
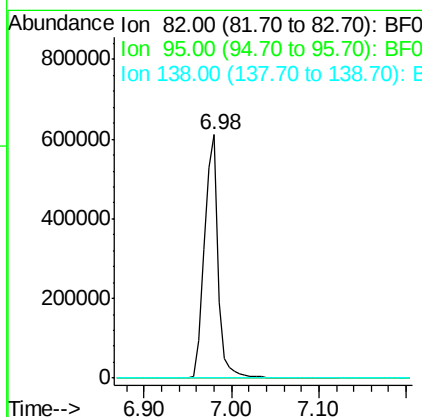
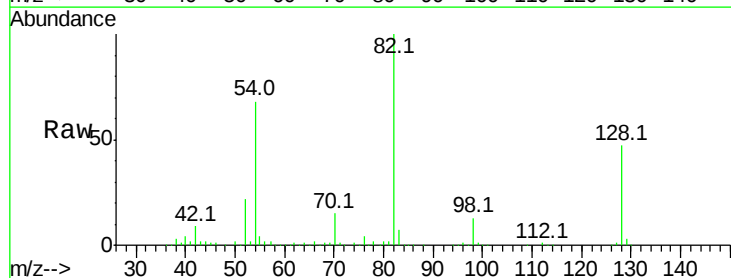
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

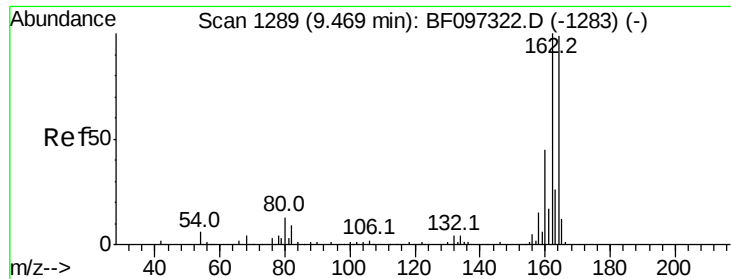
Tot Ion: 82 Resp: 667817
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 67.5 42.2 63.2#



#25
 Isophorone
 Concen: 47.540 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion: 82 Resp: 667810
 Ion Ratio Lower Upper
 82 100
 95 0.3 5.3 7.9#
 138 0.0 13.1 19.7#

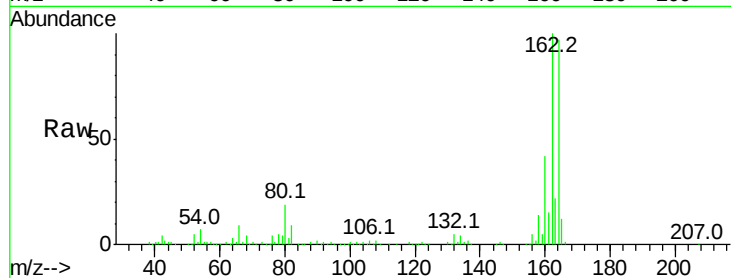




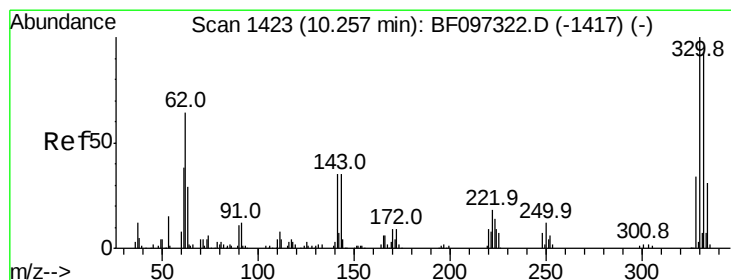
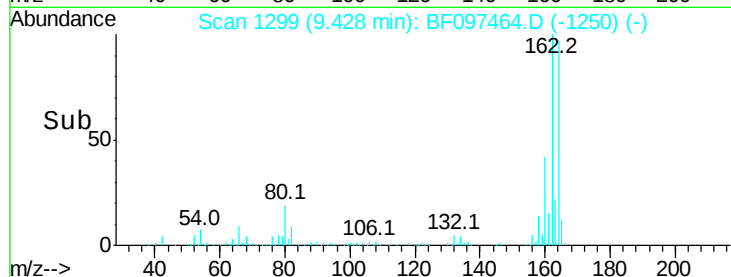
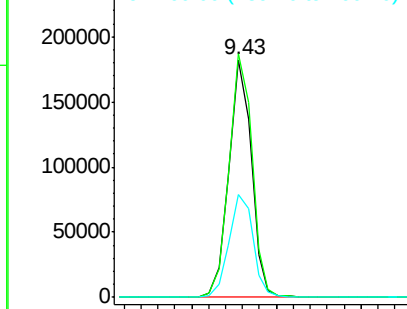
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Instrument :
BNA_F
ClientSampleId :
TR-05-080317

Tot Ion:164 Resp: 168448
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 43.4 36.2 54.2

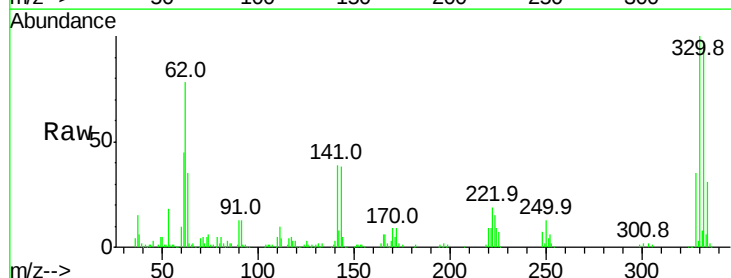


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

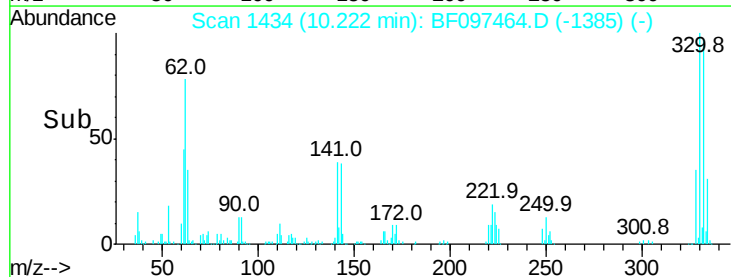
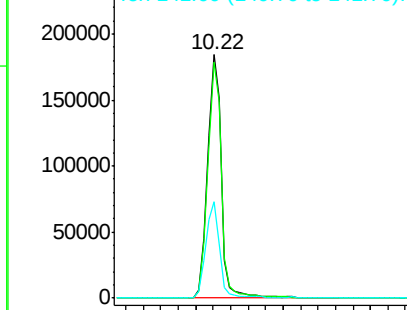


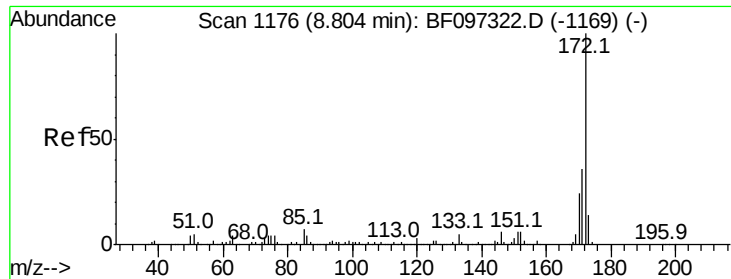
#41
2,4,6-Tribromophenol
Concen: 152.953 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Tgt Ion:330 Resp: 203565
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 39.7 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

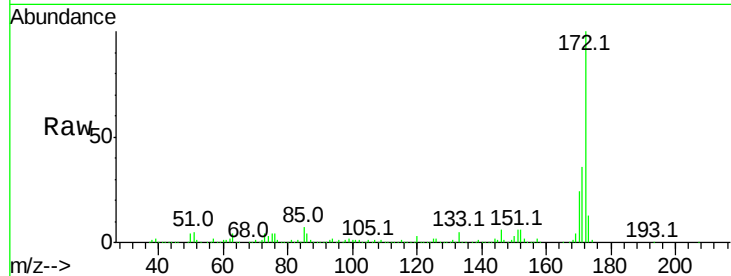




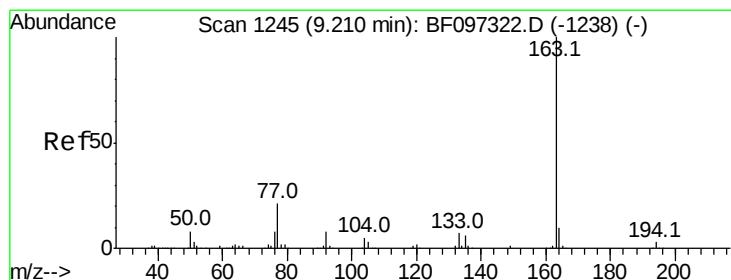
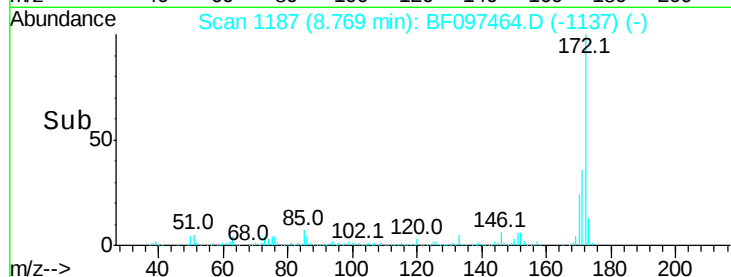
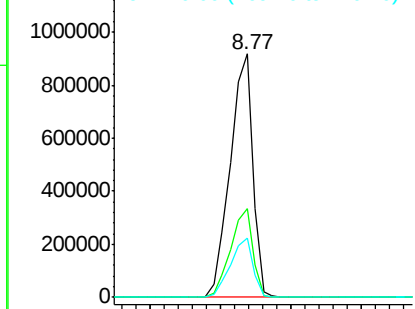
#44
2-Fluorobiphenyl
Concen: 103.318 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Instrument :
BNA_F
ClientSampleId :
TR-05-080317

Tot Ion:172 Resp: 1025497
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8

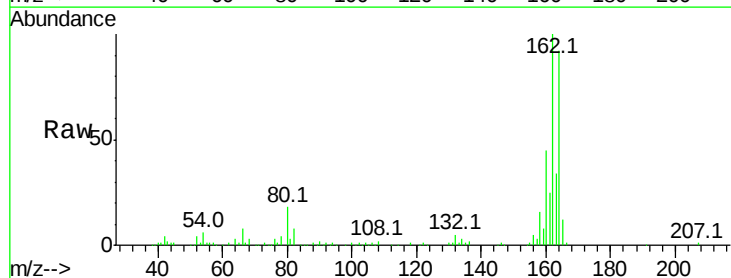


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

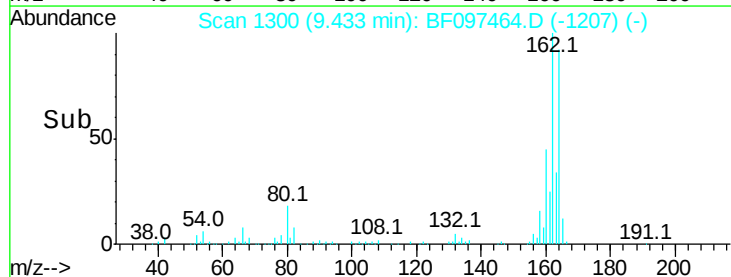
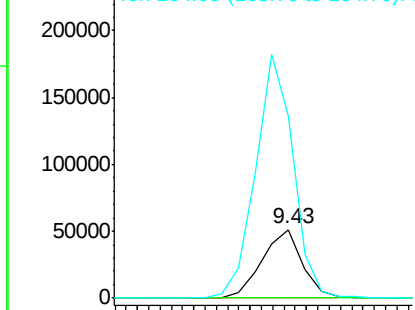


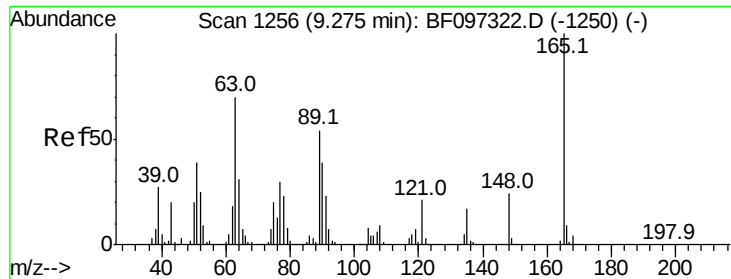
#49
Dimethylphthalate
Concen: 3.932 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Tgt Ion:163 Resp: 50294
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 266.1 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

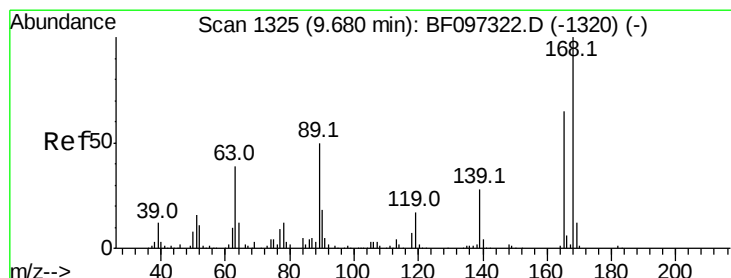
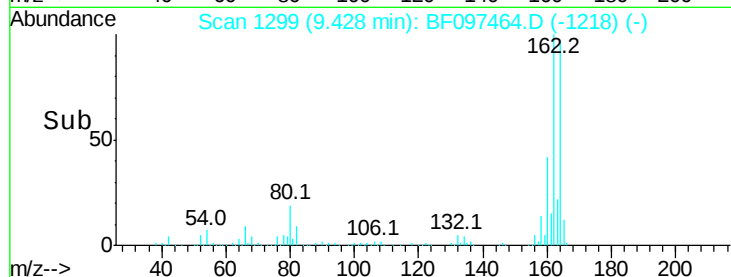
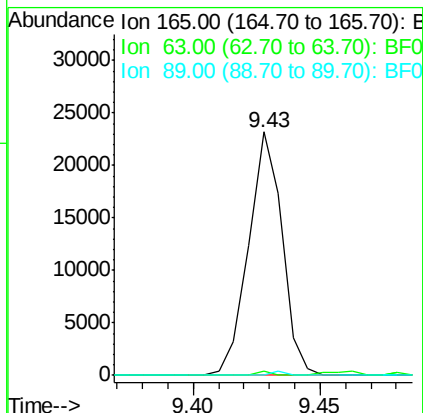
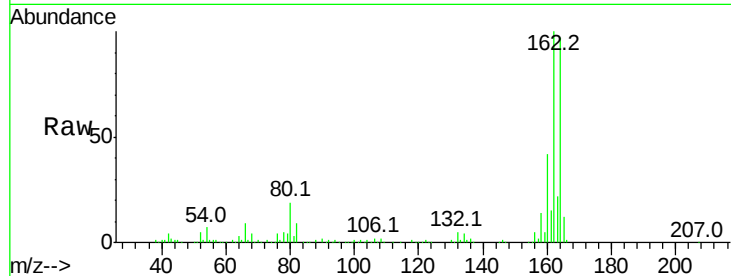




#50
 2,6-Dinitrotoluene
 Concen: 7.914 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

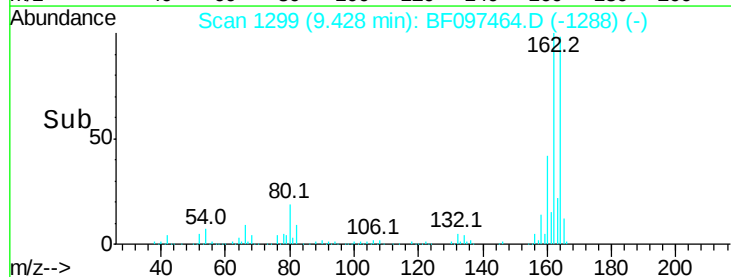
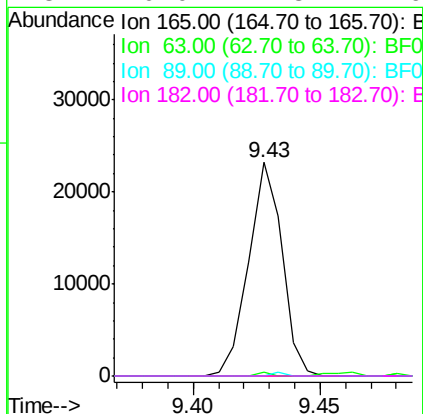
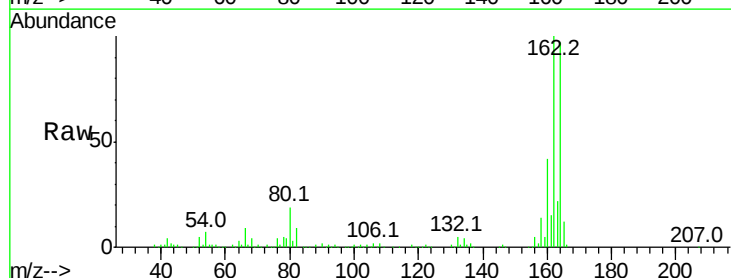
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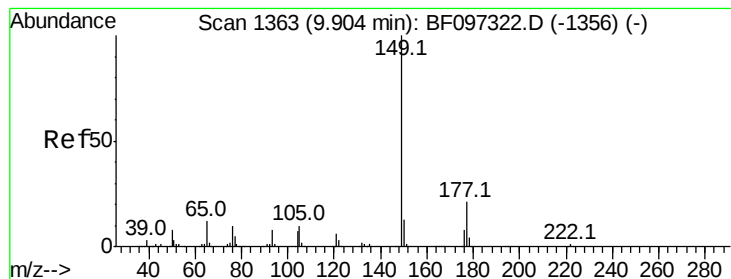
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.884 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt 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#





#59

Diethylphthalate

Concen: 8.097 ng

RT: 9.86 min Scan# 1372

Delta R.T. -0.03 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

Instrument :

BNA_F

ClientSampleId :

TR-05-080317

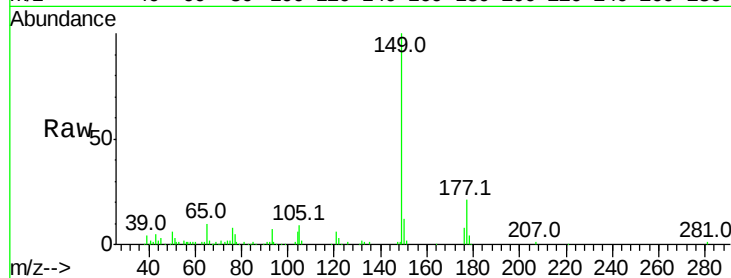
Tot Ion:149 Resp: 95025

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

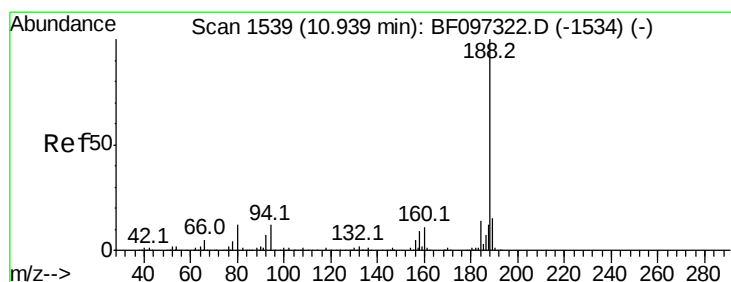
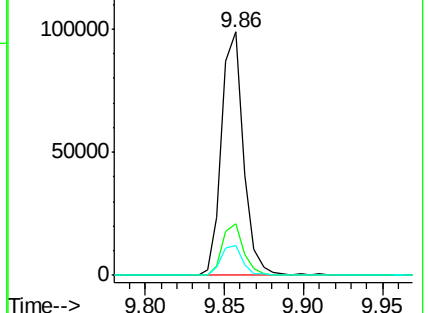
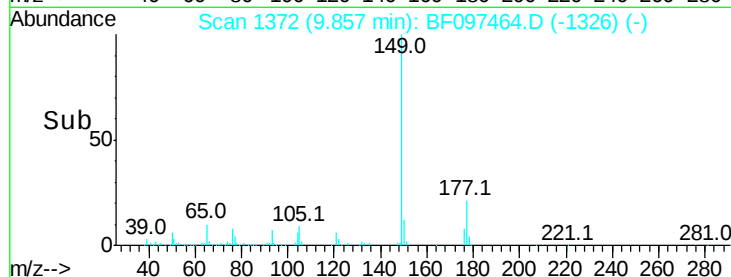
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097464.D

Acq: 8 Aug 2017 12:49

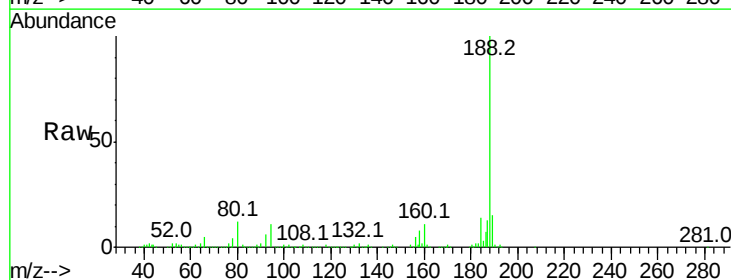
Tgt Ion:188 Resp: 311876

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

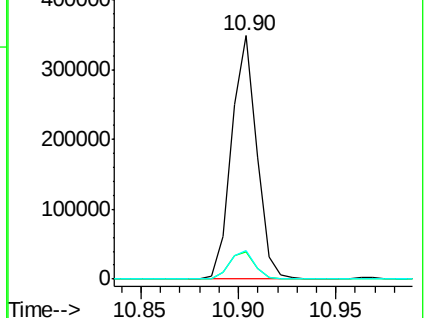
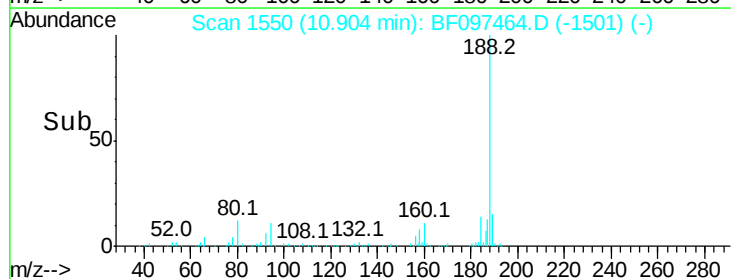
80 11.6 10.2 15.2

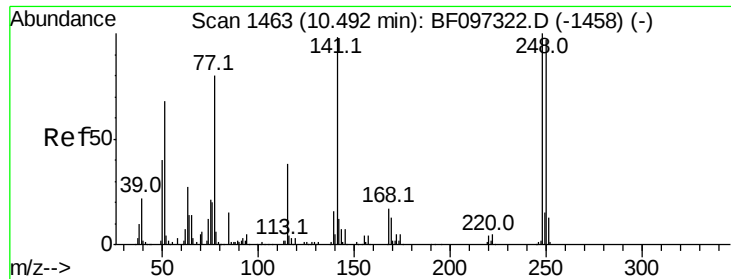


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

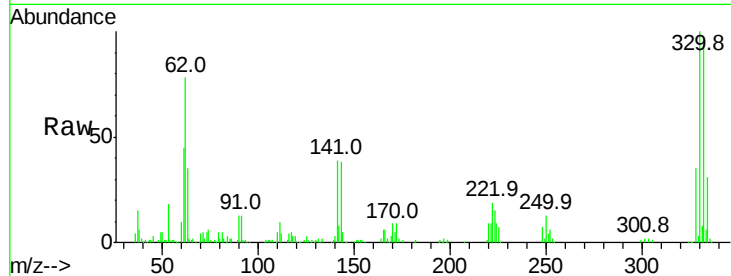




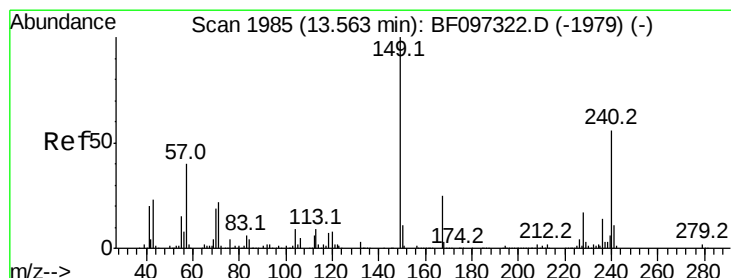
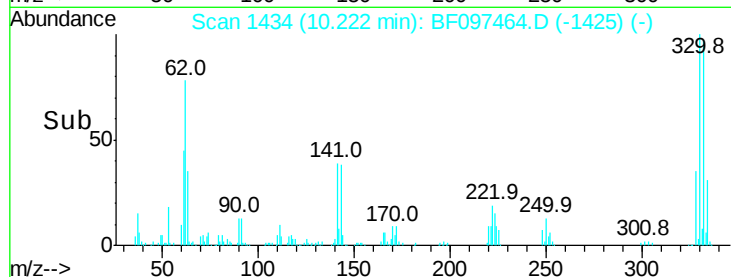
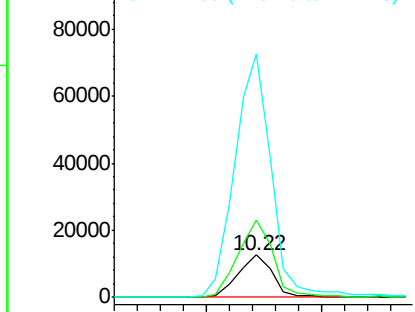
#66
 4-Bromophenyl-phenylether
 Concen: 4.256 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

Tot Ion:248 Resp: 13248
 Ion Ratio Lower Upper
 248 100
 250 182.8 76.8 115.2#
 141 572.2 68.6 103.0#

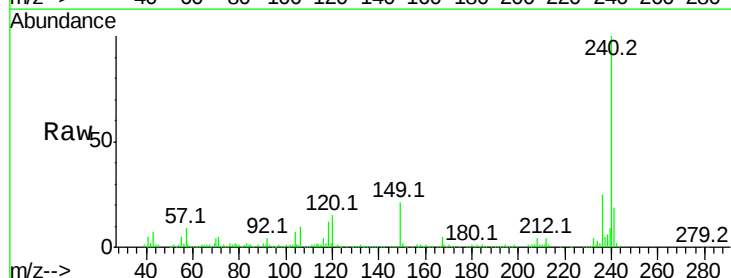


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

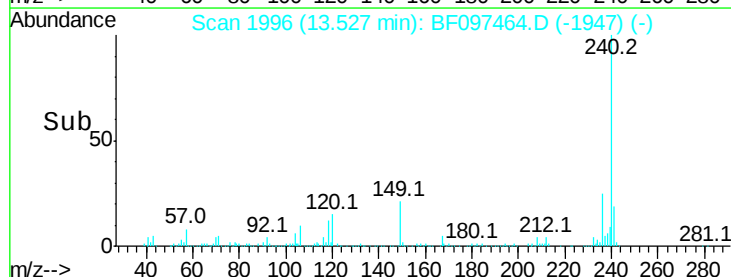
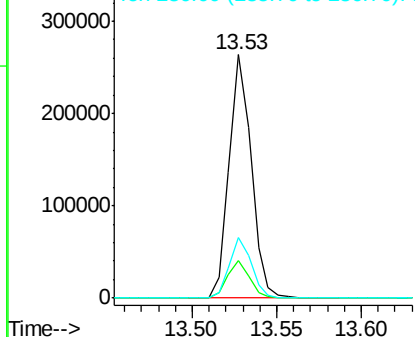


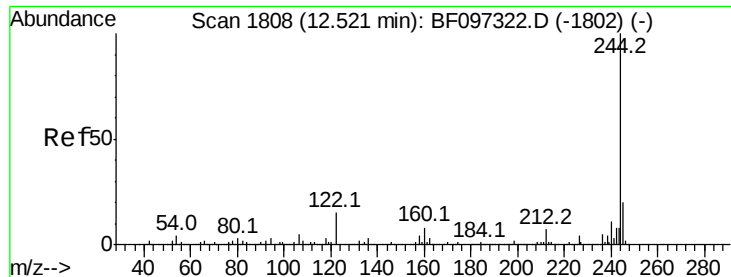
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion:240 Resp: 240469
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 24.7 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

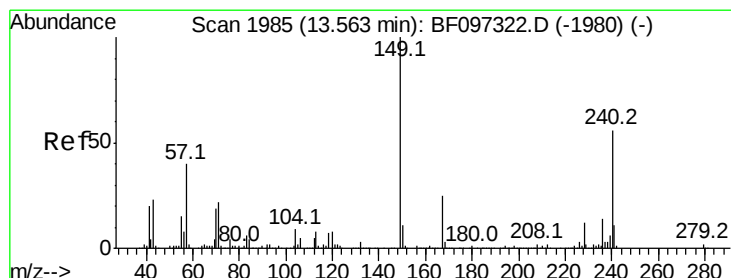
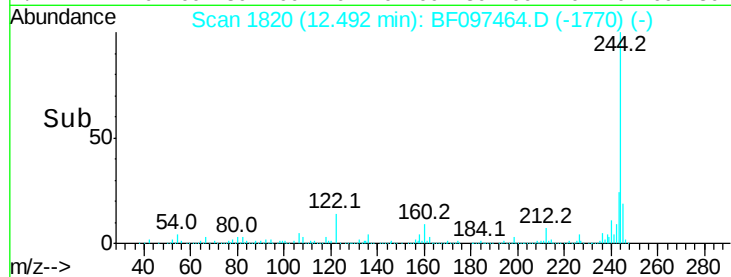
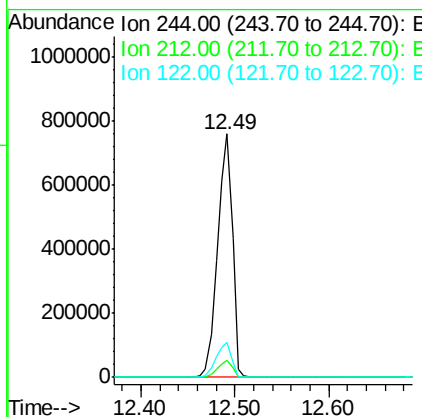
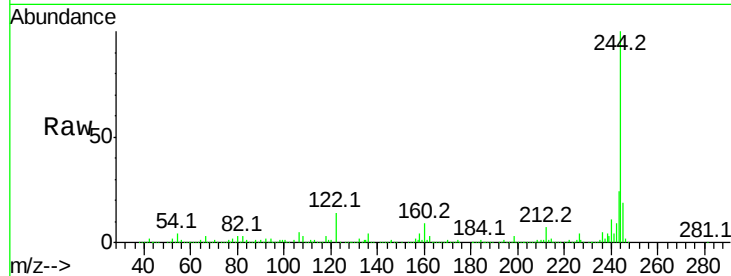




#78
 Terphenyl-d14
 Concen: 71.027 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

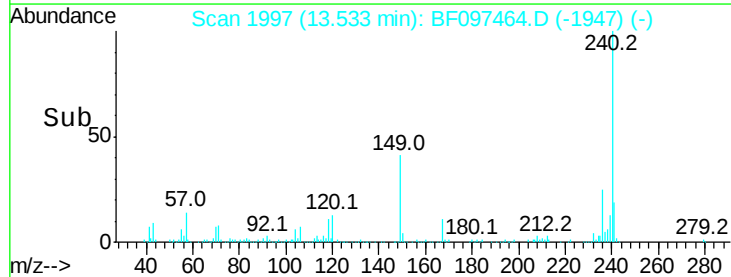
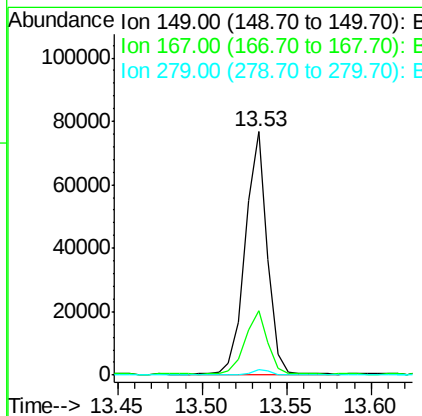
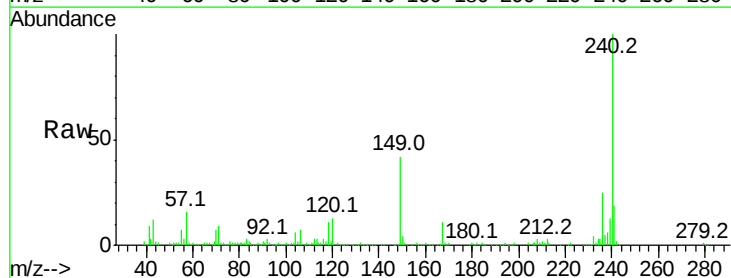
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-080317

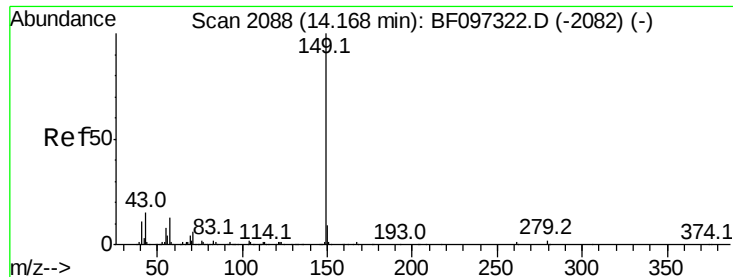
Tot Ion:244 Resp: 837711
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.5 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.387 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097464.D
 Acq: 8 Aug 2017 12:49

Tgt Ion:149 Resp: 70436
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.5 1.9 2.9

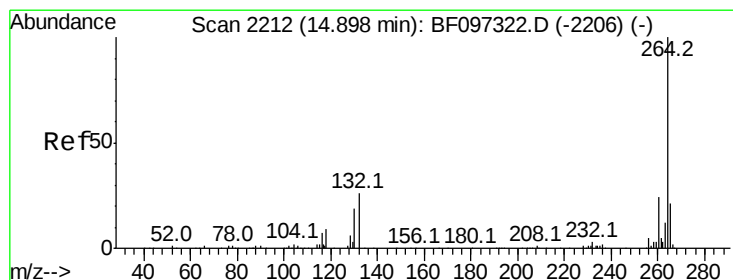
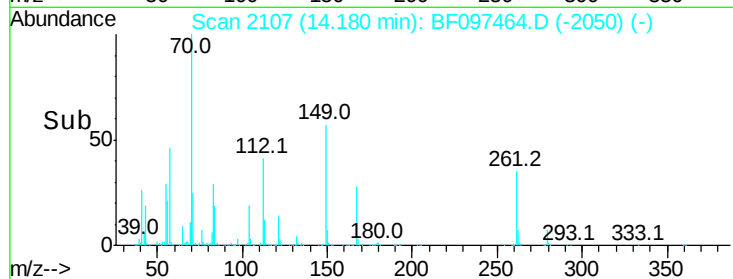
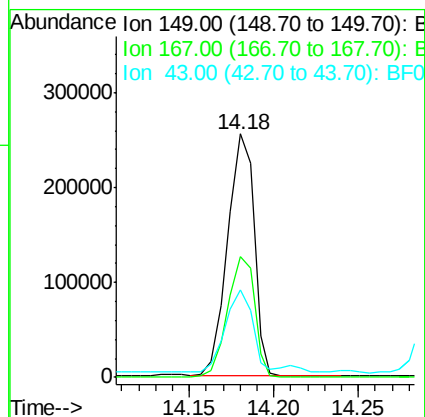
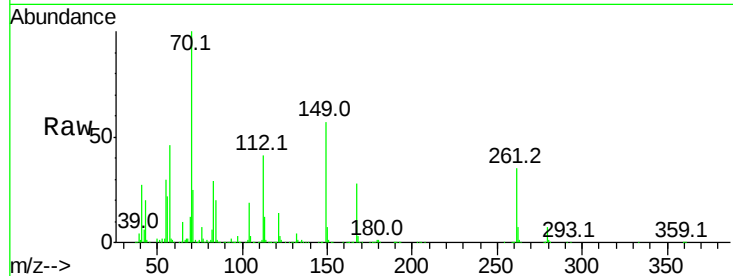




#84
Di-n-octyl phthalate
Concen: 11.691 ng
RT: 14.18 min Scan# 2107
Delta R.T. 0.04 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Instrument :
BNA_F
ClientSampleId :
TR-05-080317

Tot Ion:149 Resp: 280525
Ion Ratio Lower Upper
149 100
167 50.1 1.2 1.8#
43 35.1 8.5 12.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097464.D
Acq: 8 Aug 2017 12:49

Tgt Ion:264 Resp: 178732
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.4 17.2 25.8

