

Data Path : Z:\HPCHEM1\BNA F\Data\BF080817\
 Data File : BF097505.D
 Acq On : 9 Aug 2017 8:59
 Operator : SJ/JU
 Sample : PB101261TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261TB

Quant Time: Aug 09 10:59:01 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

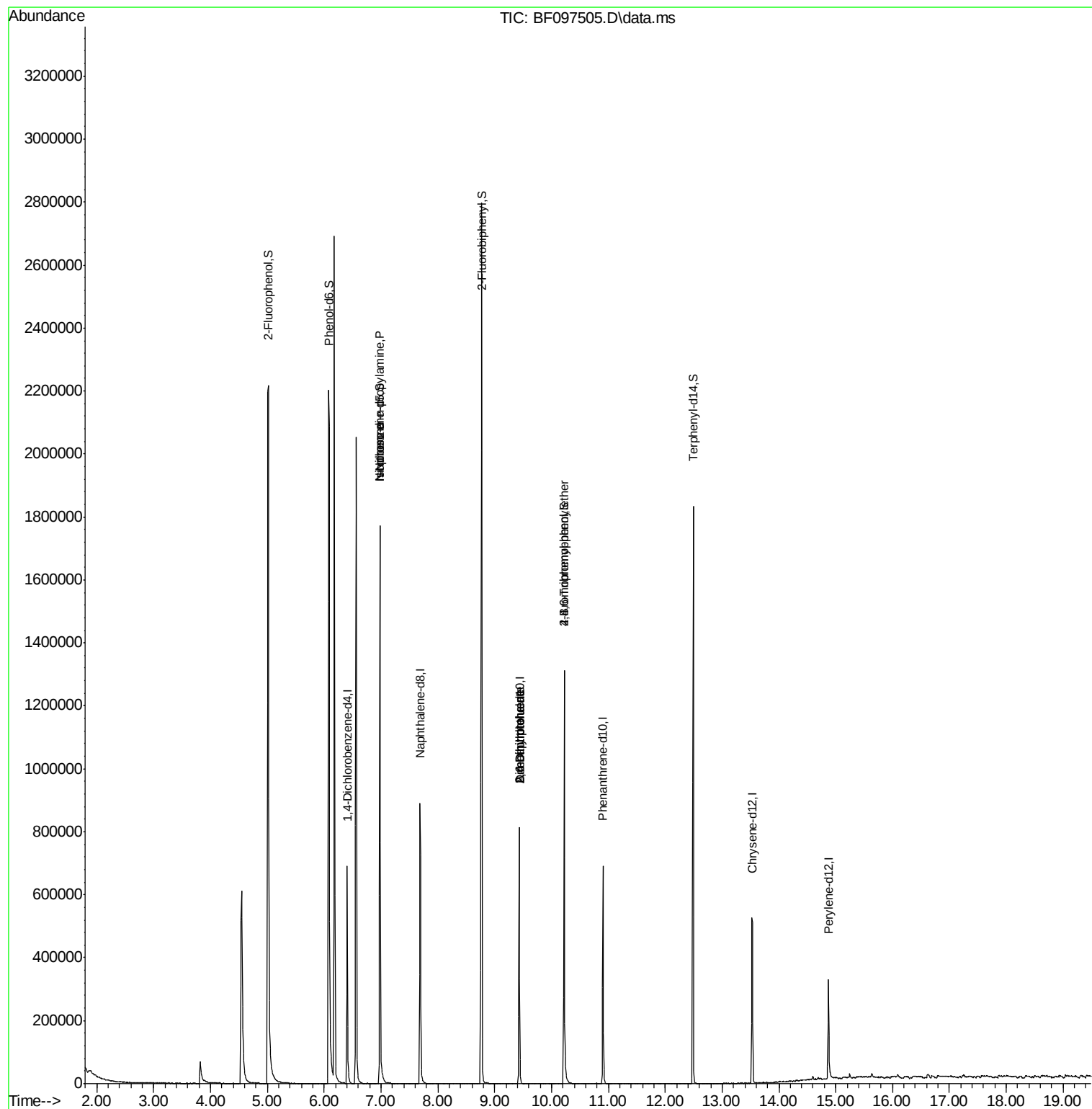
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.404	152	105479	20.00	ng	0.00
21) Naphthalene-d8	7.687	136	443321	20.00	ng	-0.01
38) Acenaphthene-d10	9.433	164	167269	20.00	ng	0.00
63) Phenanthrene-d10	10.904	188	248736	20.00	ng	-0.01
75) Chrysene-d12	13.533	240	194665	20.00	ng	0.00
86) Perylene-d12	14.868	264	133891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	824024	117.77	ng	0.01
7) Phenol-d6	6.081	99	965410	120.86	ng	0.00
23) Nitrobenzene-d5	6.981	82	573506	75.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.222	330	150573	113.93	ng	-0.01
44) 2-Fluorobiphenyl	8.769	172	945767	95.96	ng	0.00
78) Terphenyl-d14	12.492	244	601423	62.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.981	70	77962	14.83	ng	# 86
25) Isophorone	6.981	82	573501	38.75	ng	# 67
49) Dimethylphthalate	9.433	163	49058	3.86	ng	# 1
50) 2,6-Dinitrotoluene	9.433	165	20358	7.56	ng	# 34
56) 2,4-Dinitrotoluene	9.433	165	20358	6.57	ng	# 34
66) 4-Bromophenyl-phenylether	10.222	248	9598	3.87	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: 6.404 min Scan# 78

Delta R.T. -0.006 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

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BNA_F

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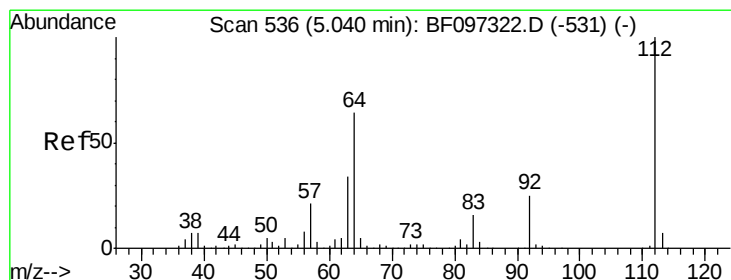
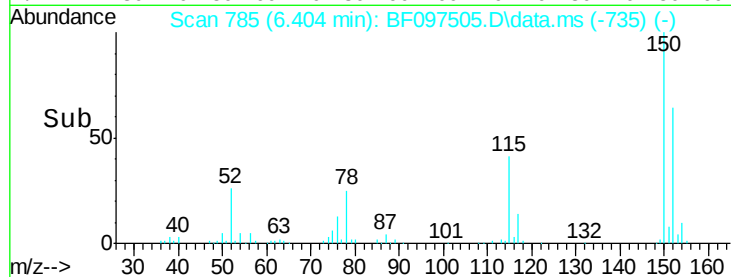
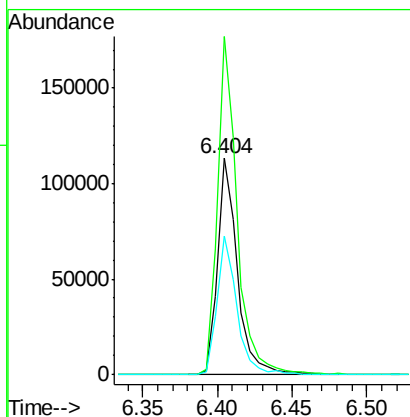
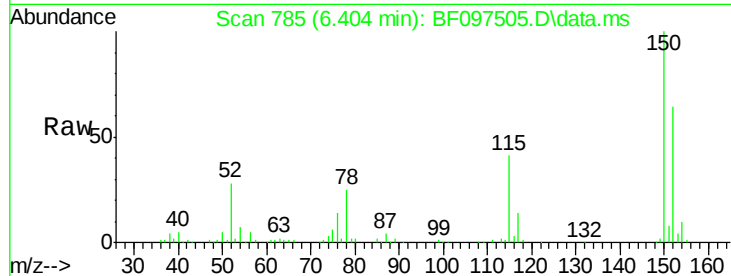
Tot Ion:152 Resp: 105479

Ion Ratio Lower Upper

152 100

150 156.5 126.2 189.2

115 64.2 52.2 78.2



#5

2-Fluorophenol

Concen: 117.77 ng

RT: 5.016 min Scan# 549

Delta R.T. 0.012 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

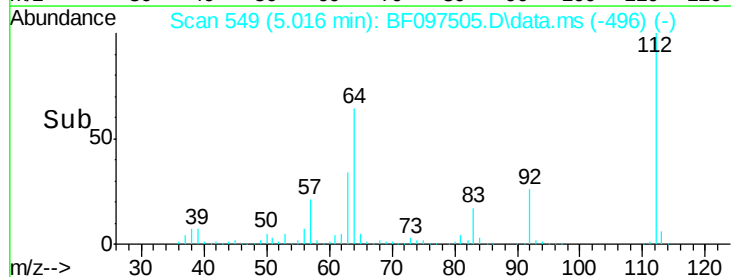
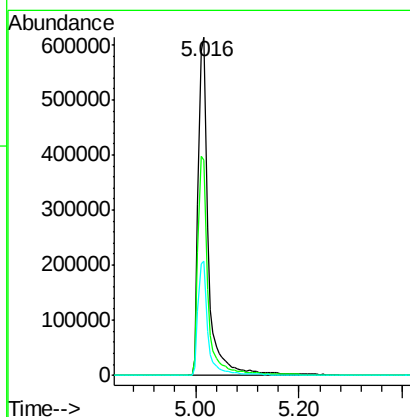
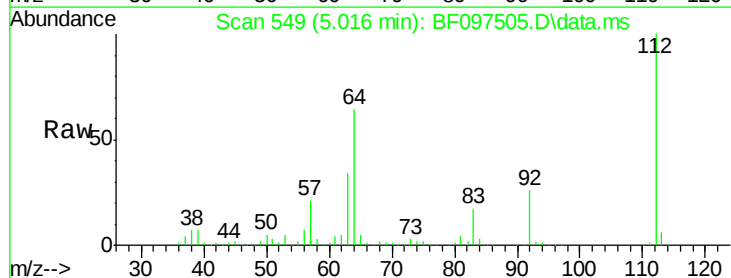
Tgt Ion:112 Resp: 824024

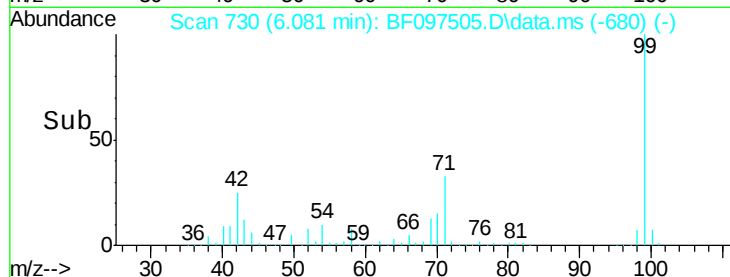
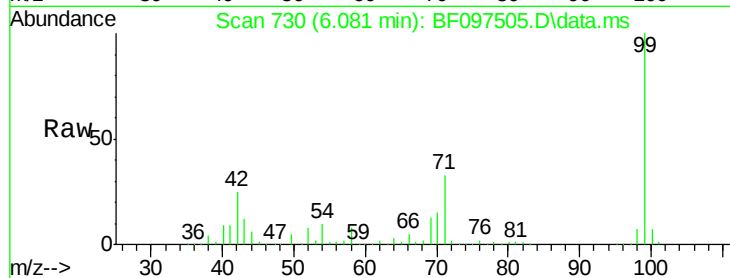
Ion Ratio Lower Upper

112 100

64 63.8 46.0 69.0

63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 120.86 ng

RT: 6.081 min Scan# 73

Delta R.T. -0.006 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

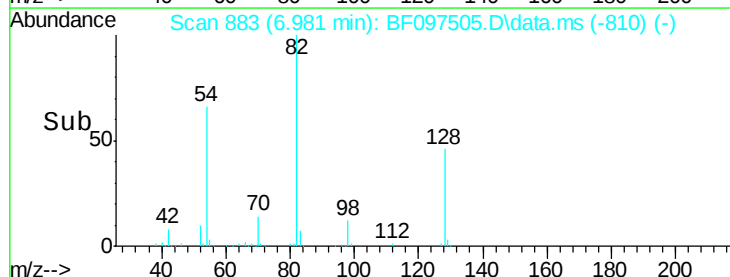
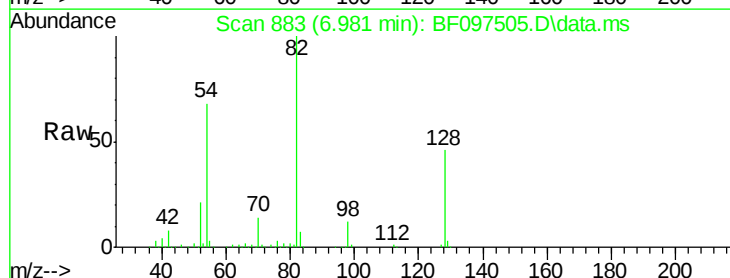
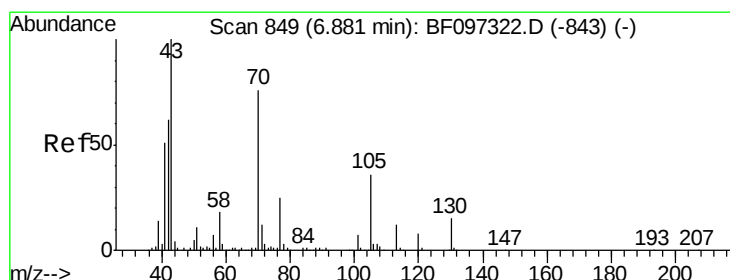
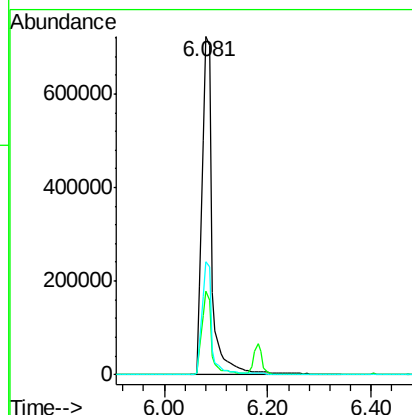
Tot Ion: 99 Resp: 965410

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

71 33.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.83 ng

RT: 6.981 min Scan# 883

Delta R.T. 0.130 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Tgt Ion: 70 Resp: 77962

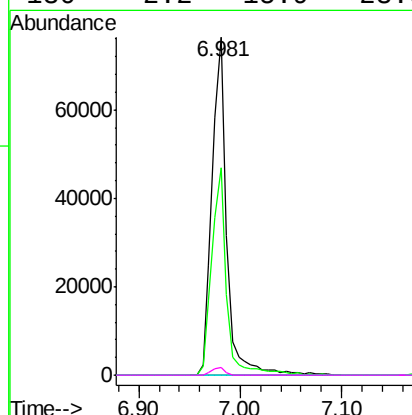
Ion Ratio Lower Upper

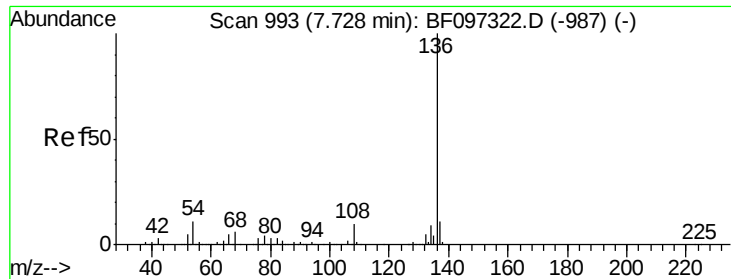
70 100

42 61.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

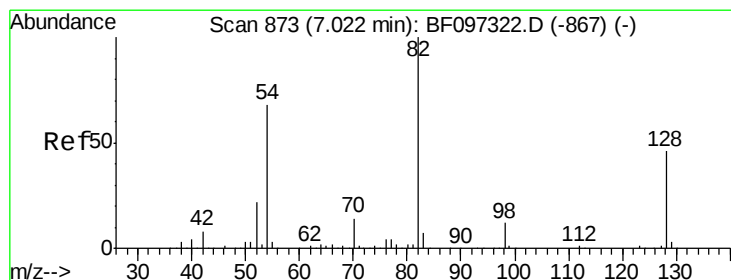
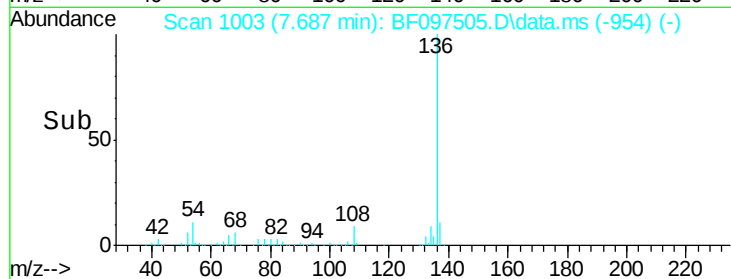
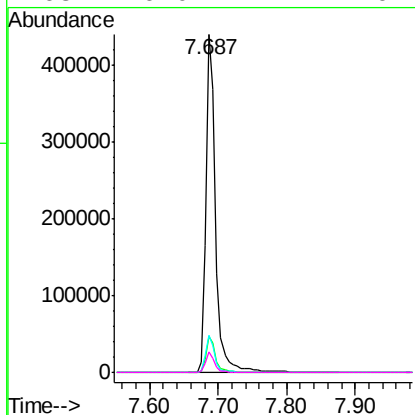
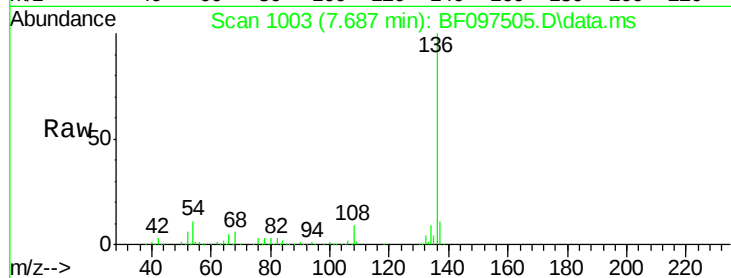




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.687 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

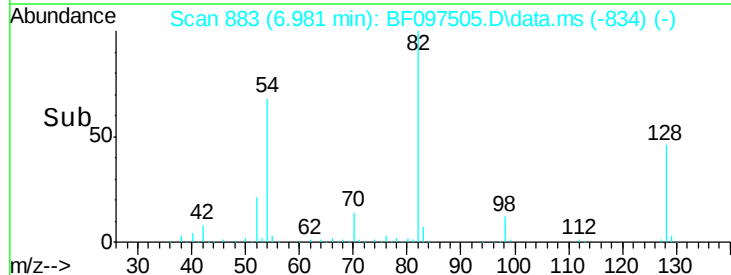
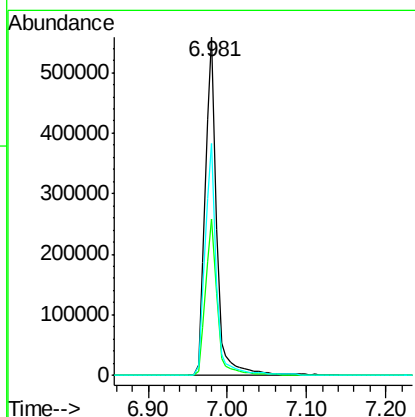
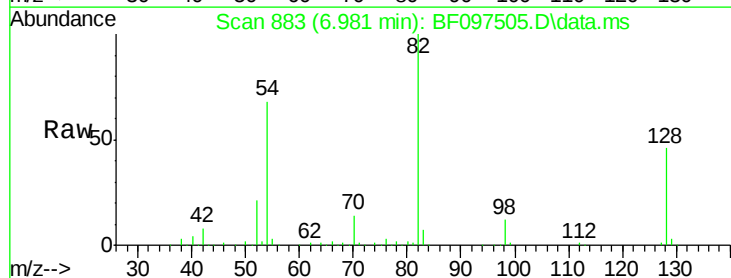
Instrument :
BNA_F
ClientSampleId :
PB101261TB

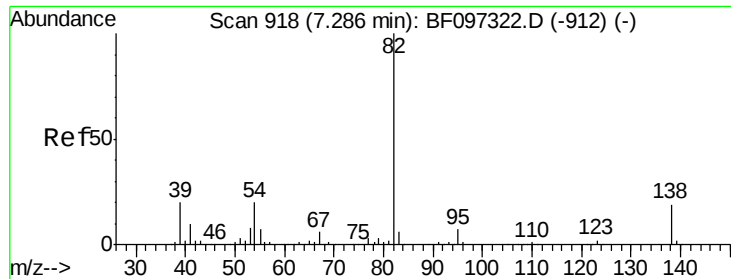
Tot Ion:136	Resp:	443321
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	10.9	4.9 7.3#
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.89 ng
RT: 6.981 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

Tgt Ion: 82	Resp:	573506
Ion Ratio	Lower	Upper
82	100	
128	46.1	34.0 51.0
54	68.5	42.2 63.2#





#25

Isophorone

Concen: 38.75 ng

RT: 6.981 min Scan# 88

Delta R.T. -0.270 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

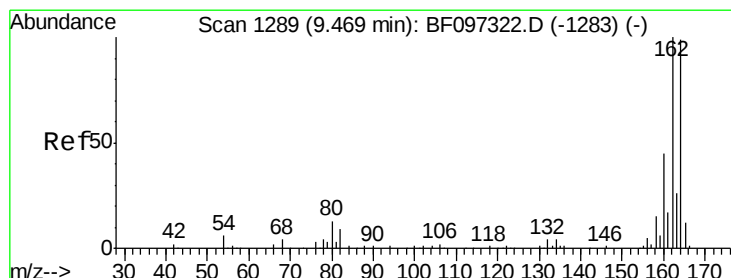
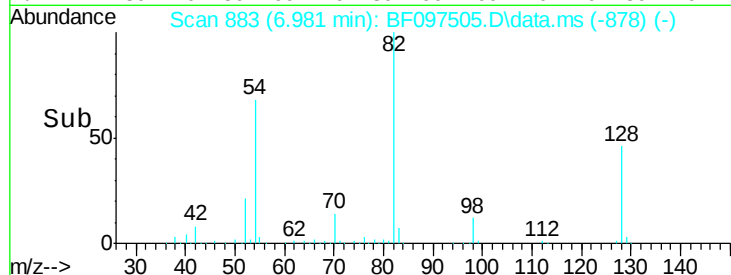
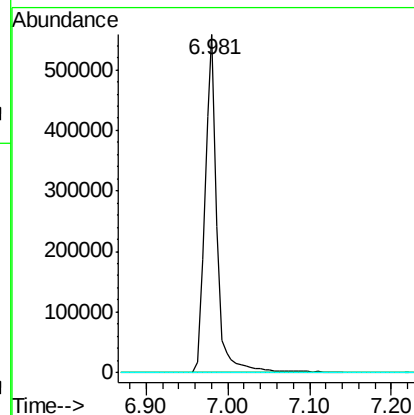
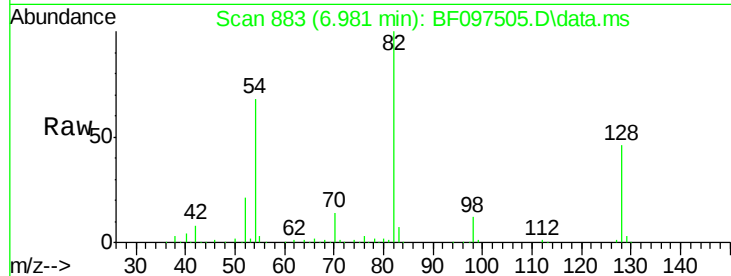
Tot Ion: 82 Resp: 573501

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: 9.433 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

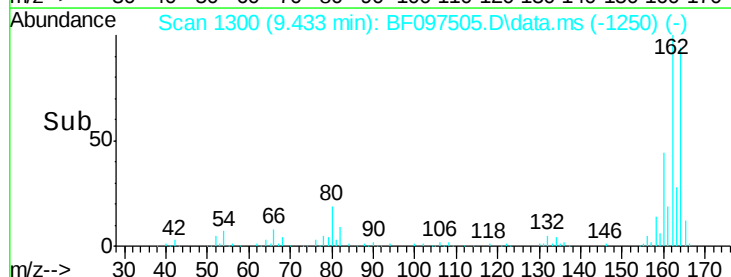
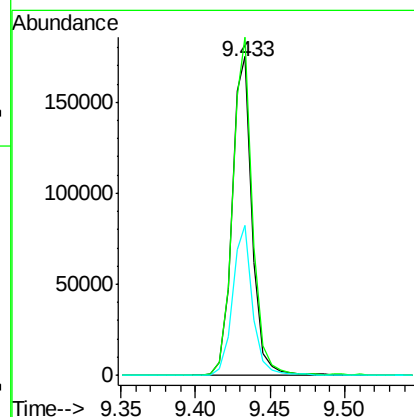
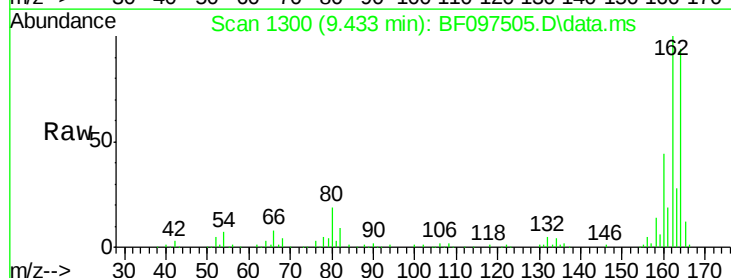
Tgt Ion: 164 Resp: 167269

Ion Ratio Lower Upper

164 100

162 106.1 82.6 123.8

160 46.9 36.2 54.2

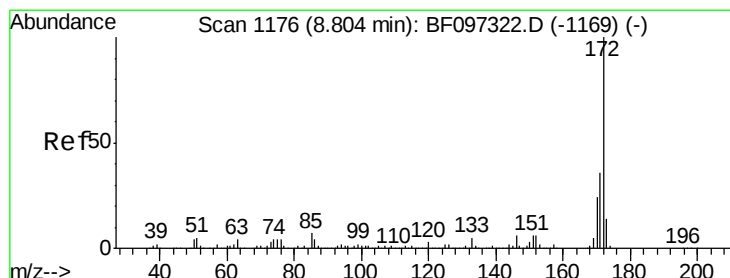
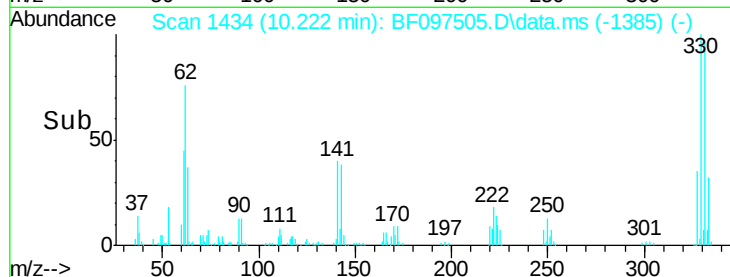
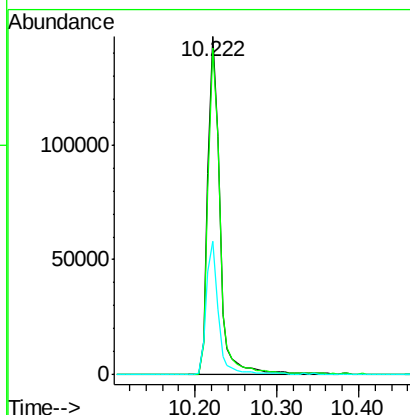
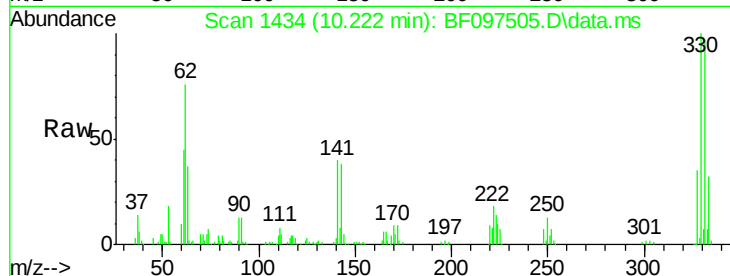




#41
 2,4,6-Tribromophenol
 Concen: 113.93 ng
 RT: 10.222 min Scan# 141
 Delta R.T. -0.012 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

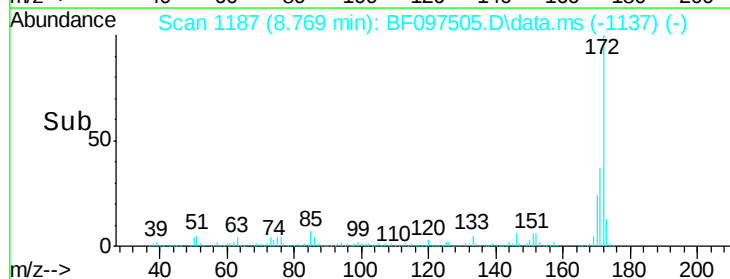
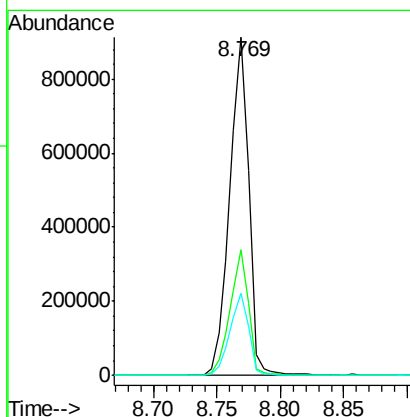
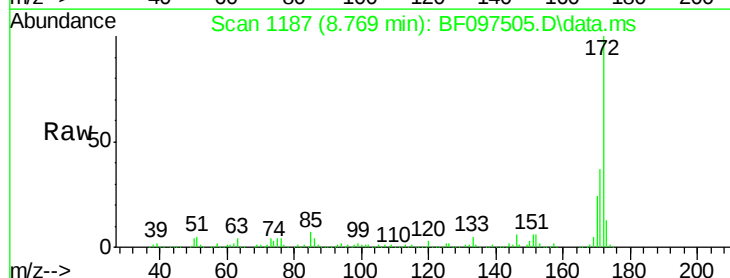
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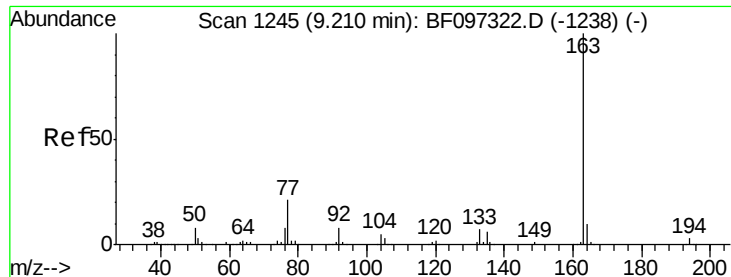
Tot Ion:330 Resp: 150573
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 95.96 ng
 RT: 8.769 min Scan# 1187
 Delta R.T. -0.006 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

Tgt Ion:172 Resp: 945767
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.5 19.8 29.8





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 9.433 min Scan# 1300

Delta R.T. 0.247 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

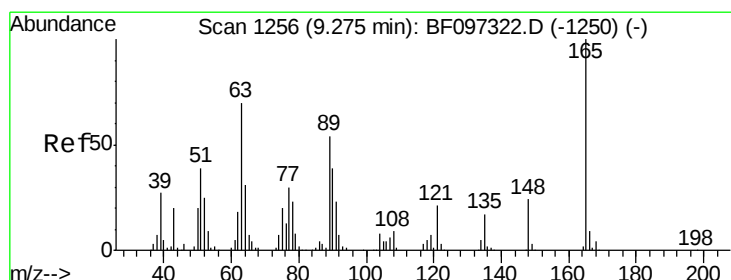
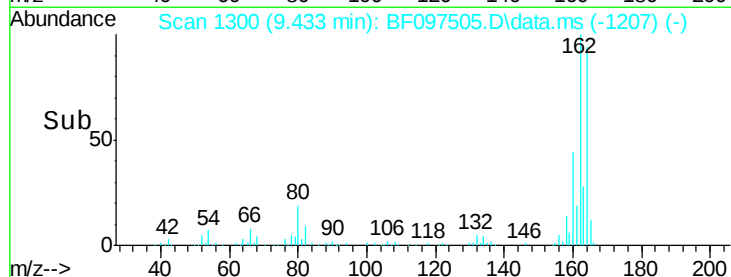
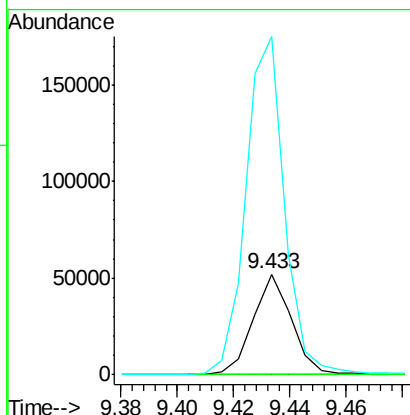
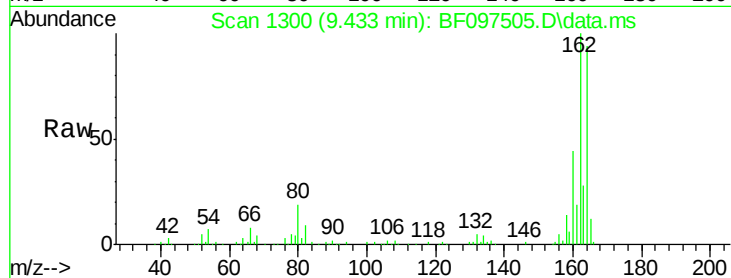
Tot Ion:163 Resp: 49058

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

164 337.2 8.4 12.6#



#50

2,6-Dinitrotoluene

Concen: 7.56 ng

RT: 9.433 min Scan# 1300

Delta R.T. 0.183 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

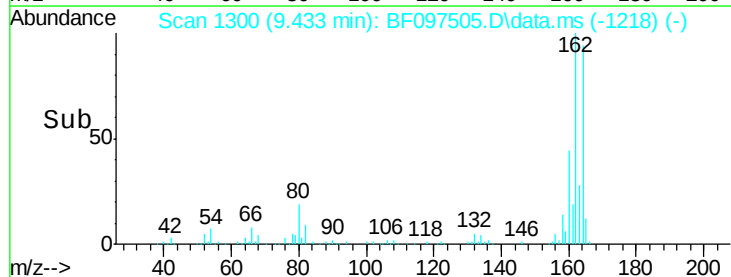
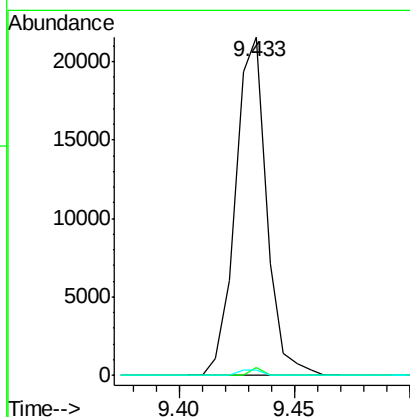
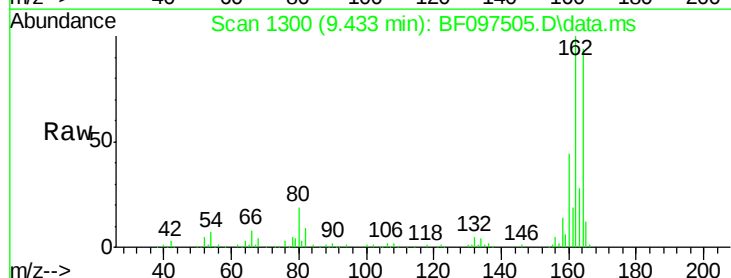
Tgt Ion:165 Resp: 20358

Ion Ratio Lower Upper

165 100

63 2.3 34.3 51.5#

89 1.5 37.1 55.7#

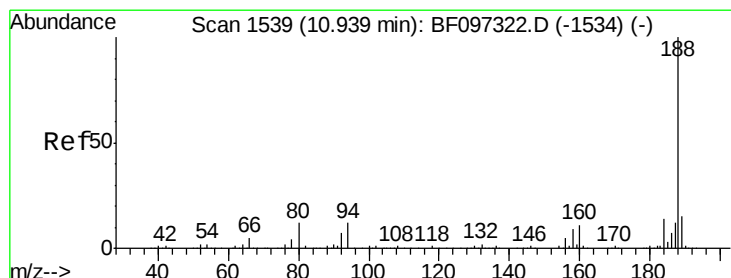
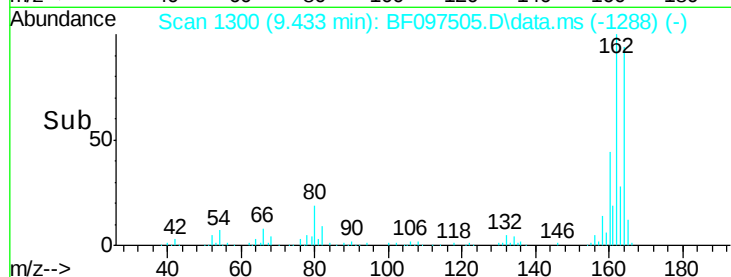
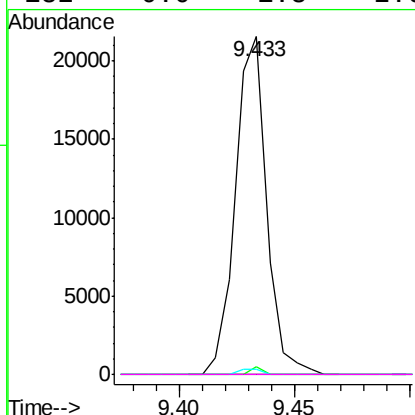
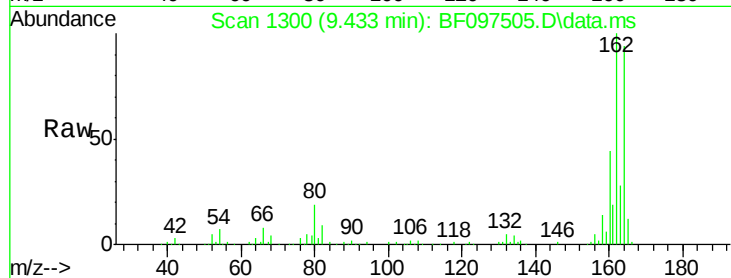




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.433 min Scan# 13
 Delta R.T. -0.229 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

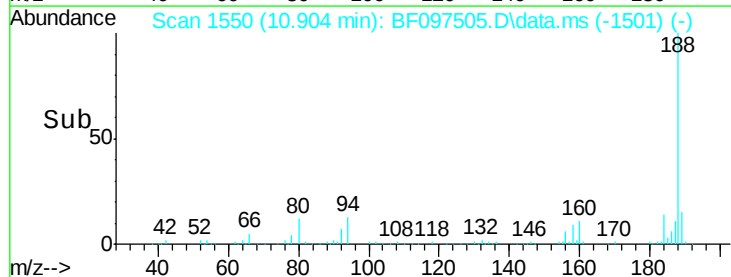
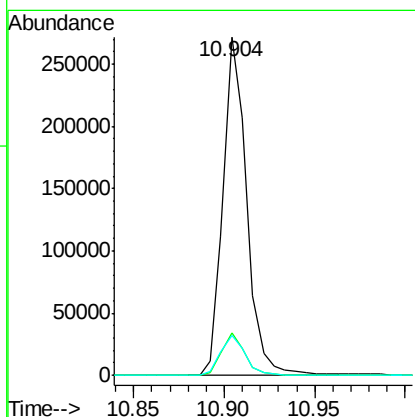
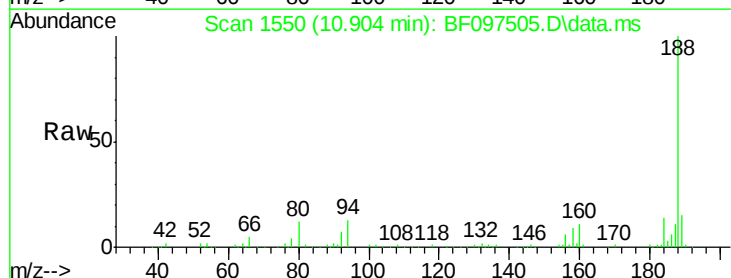
Instrument :
 BNA_F
 ClientSampleId :
 PB101261TB

Tot Ion:	165	Resp:	20358
Ion Ratio	Lower	Upper	
165	100		
63	2.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.904 min Scan# 1550
 Delta R.T. -0.012 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

Tgt Ion:	188	Resp:	248736
Ion Ratio	Lower	Upper	
188	100		
94	12.5	9.4	14.2
80	11.9	10.2	15.2

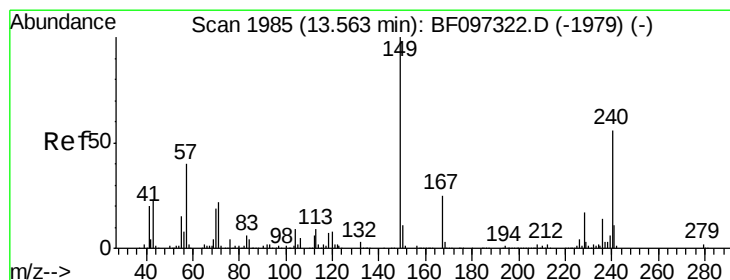
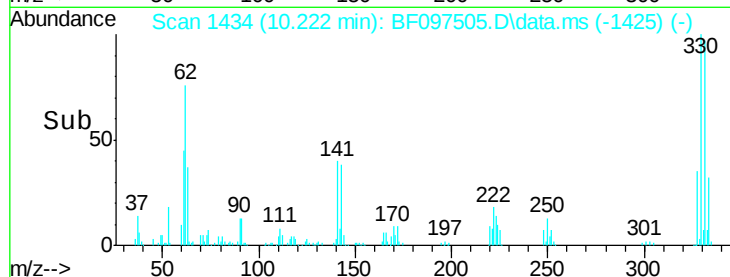
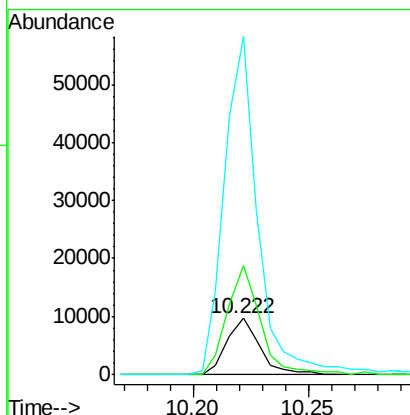
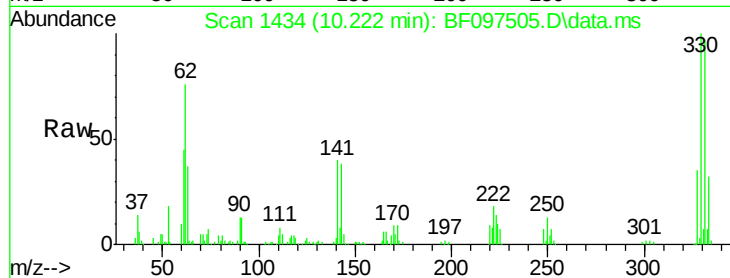




#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.222 min Scan# 1463
 Delta R.T. -0.247 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

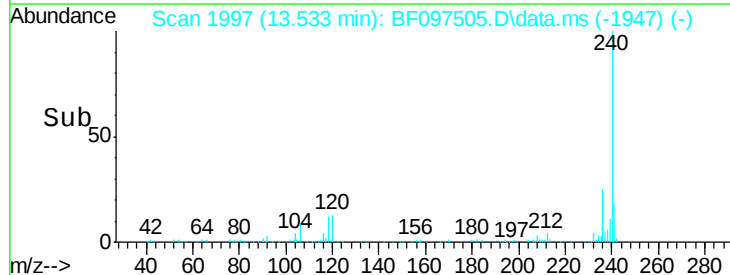
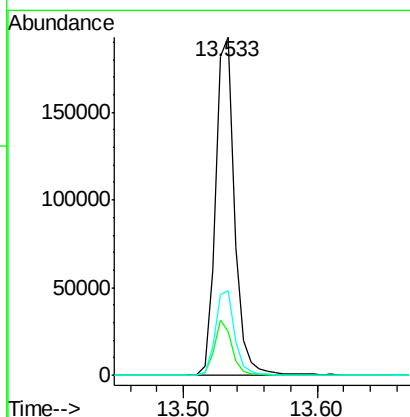
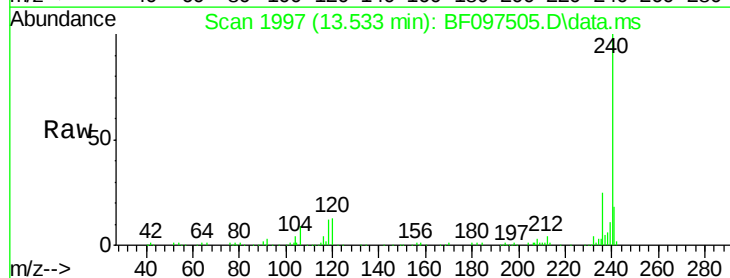
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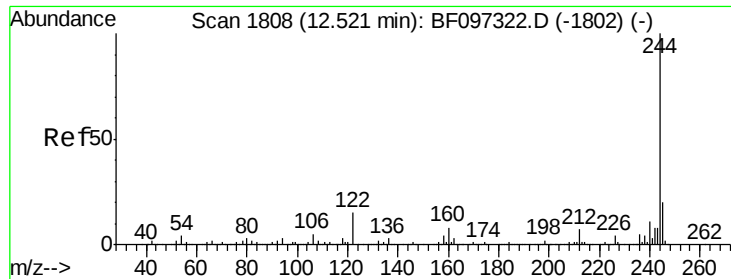
Tot Ion:248 Resp: 9598
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.8 115.2#
 141 600.6 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.533 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

Tgt Ion:240 Resp: 194665
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 62.99 ng

RT: 12.492 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

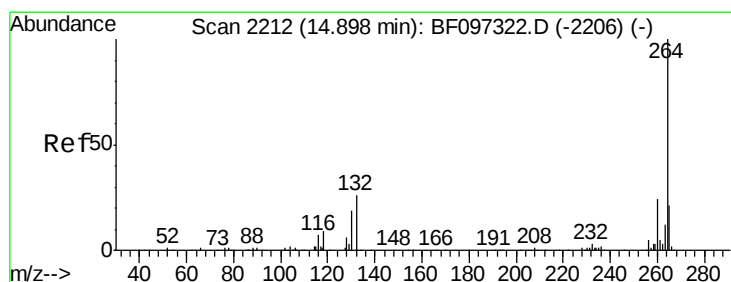
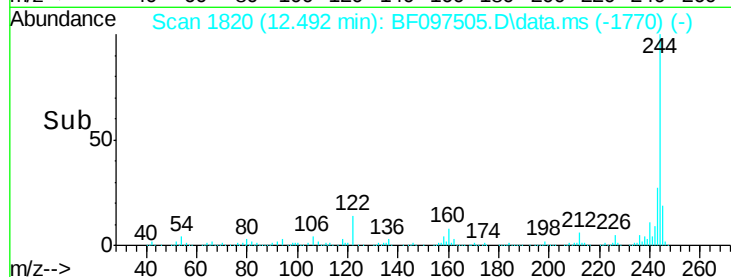
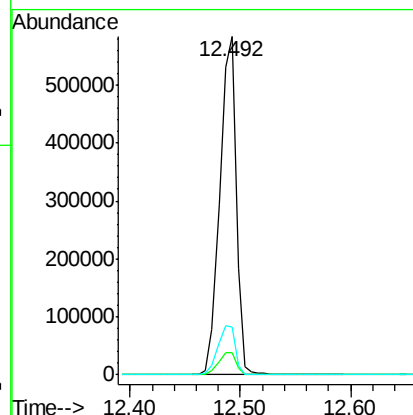
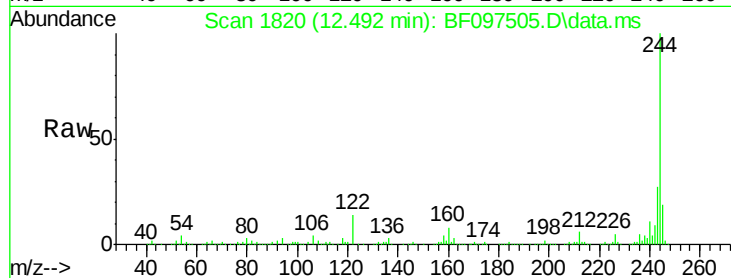
Tot Ion:244 Resp: 601423

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

122 13.9 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.868 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Tgt Ion:264 Resp: 133891

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.3 17.2 25.8

