

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097397.D
 Acq On : 5 Aug 2017 15:13
 Operator : SJ/JU
 Sample : I4608-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:07:16 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

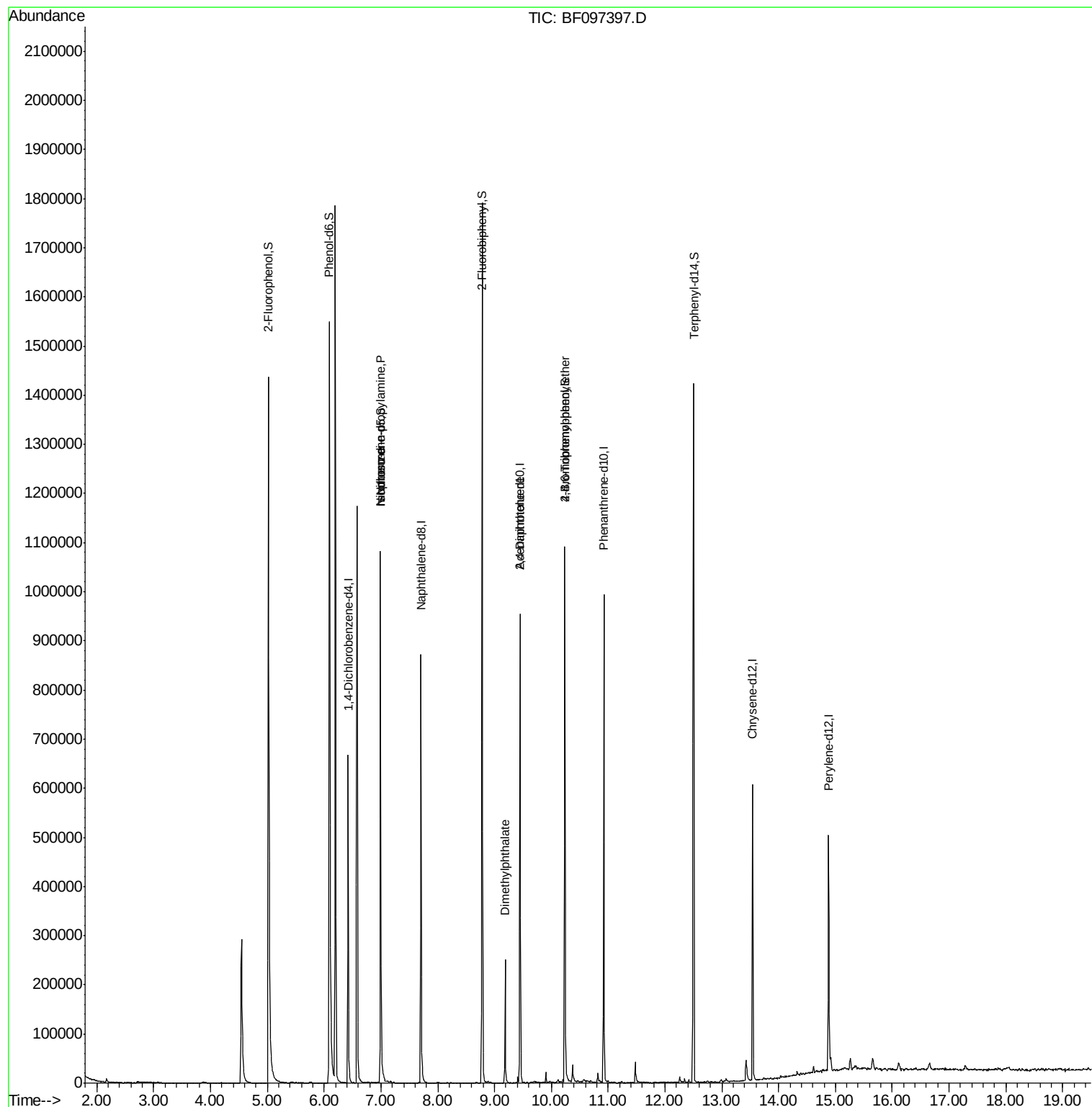
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	95290	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	412110	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	197706	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	337846	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	214143	20.00	ng	-0.09
86) Perylene-d12	14.88	264	189253	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	513704	81.27	ng	-0.08
7) Phenol-d6	6.09	99	605097	83.85	ng	-0.08
23) Nitrobenzene-d5	6.99	82	349313	49.72	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	128438	82.22	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	592186	50.83	ng	-0.08
78) Terphenyl-d14	12.50	244	469195	44.67	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.99	70	45755	9.63	ng	# 86
25) Isophorone	6.99	82	349311	25.39	ng	# 67
49) Dimethylphthalate	9.19	163	99644	6.64	ng	98
56) 2,4-Dinitrotoluene	9.45	165	24387	6.66	ng	# 32
66) 4-Bromophenyl-phenylether	10.24	248	8155	2.42	ng	# 1

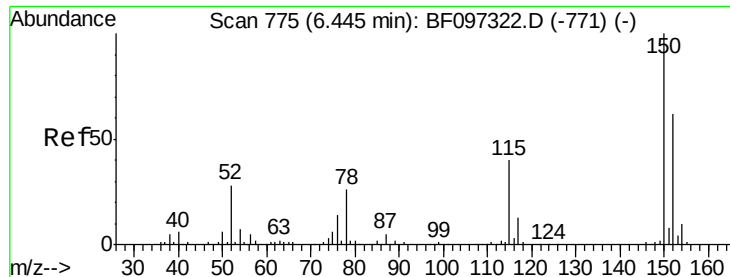
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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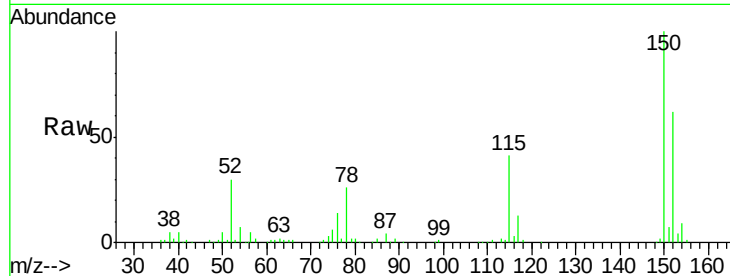


#1

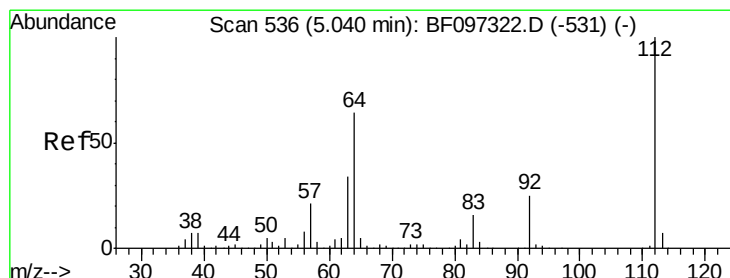
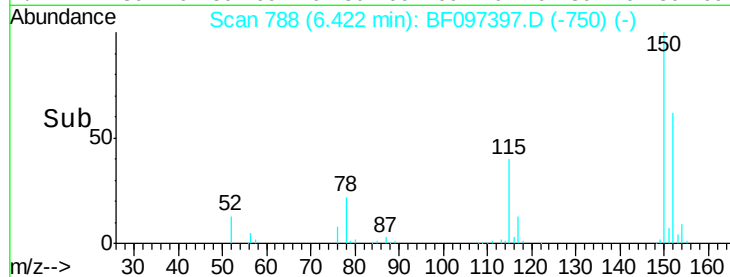
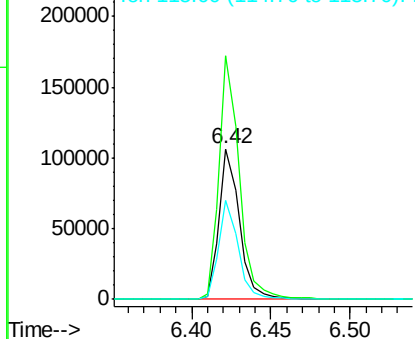
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95290
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 65.7 52.2 78.2



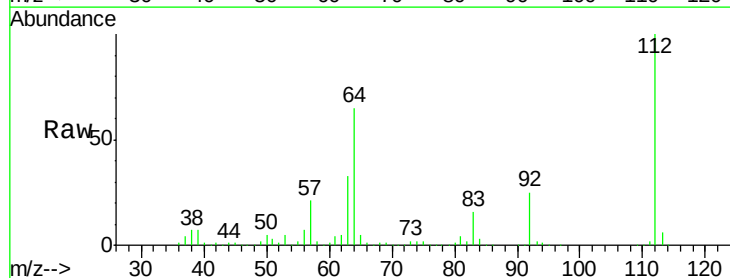
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



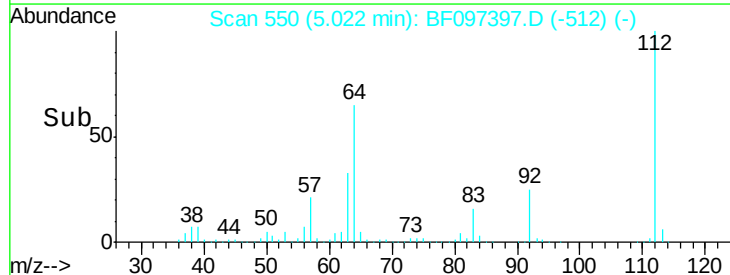
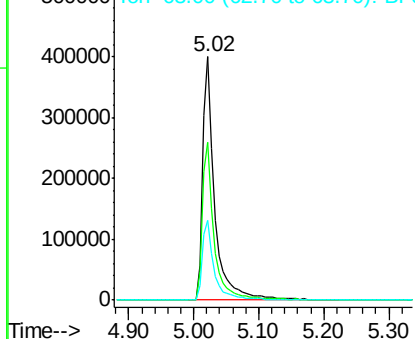
#5

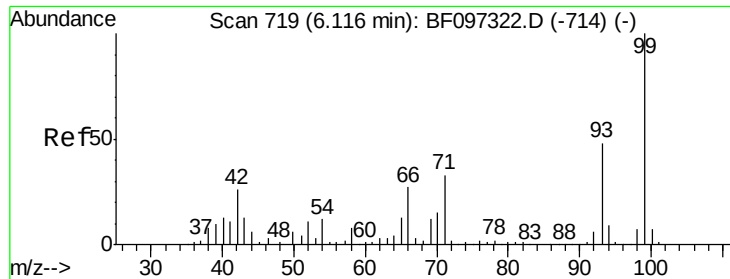
2-Fluorophenol
Concen: 81.27 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Tgt Ion:112 Resp: 513704
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 32.7 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: 83.85 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampleId :

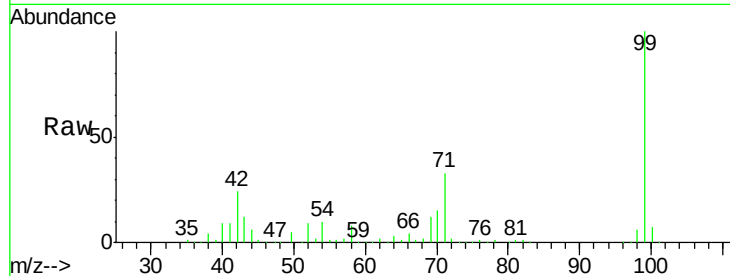
Tot Ion: 99 Resp: 605097

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

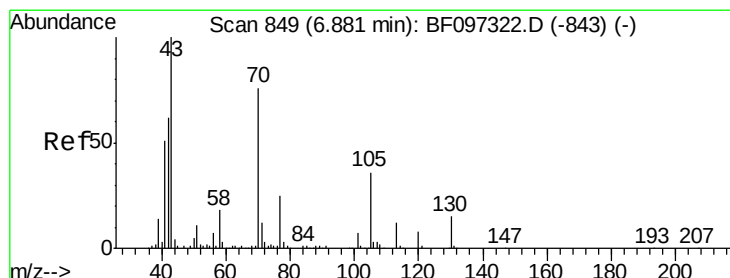
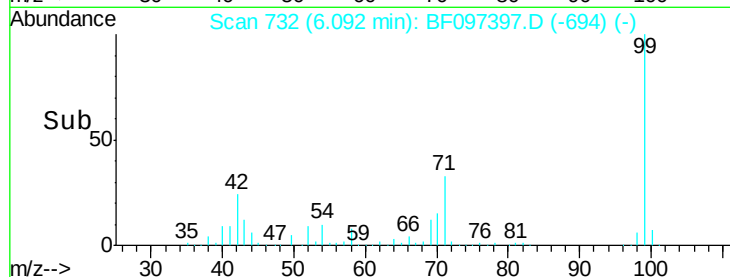
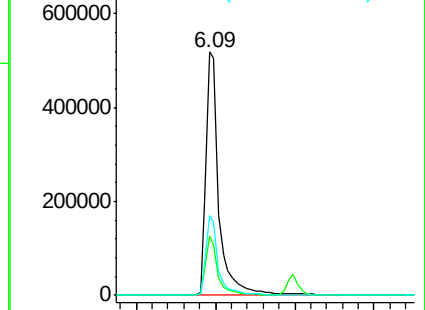
71 32.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.63 ng

RT: 6.99 min Scan# 885

Delta R.T. 0.06 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Tgt Ion: 70 Resp: 45755

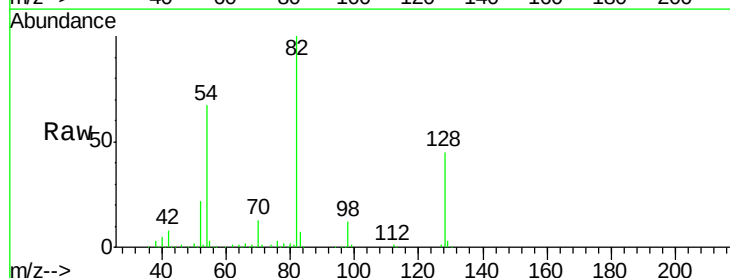
Ion Ratio Lower Upper

70 100

42 62.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

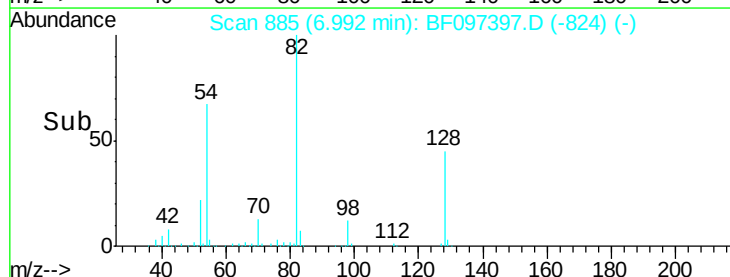
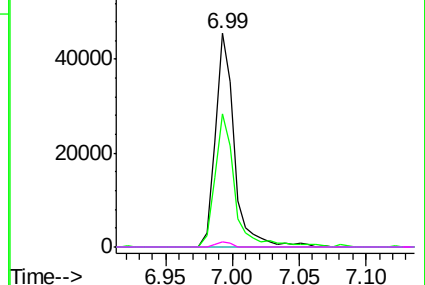


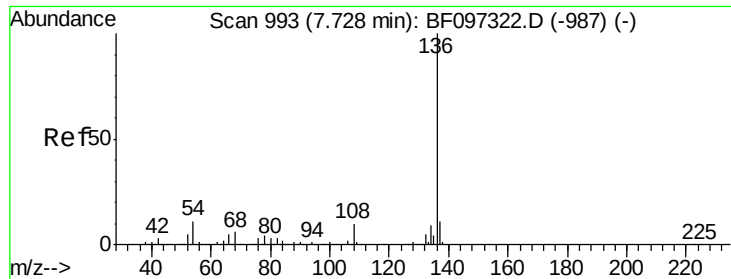
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

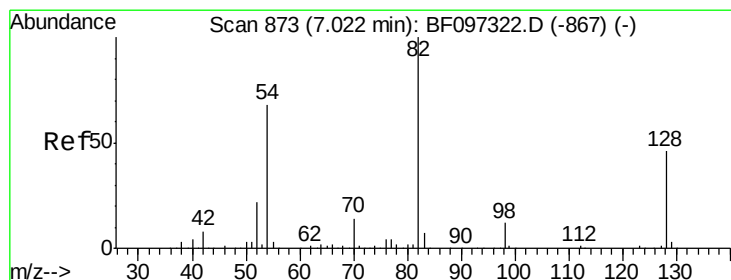
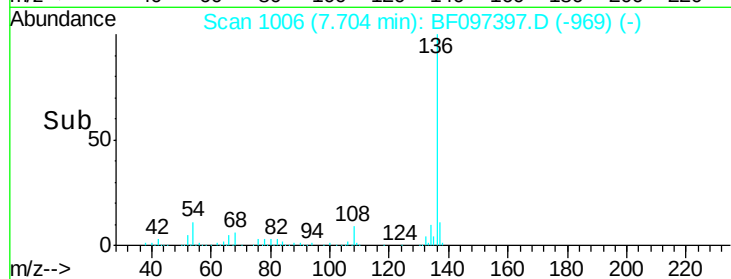
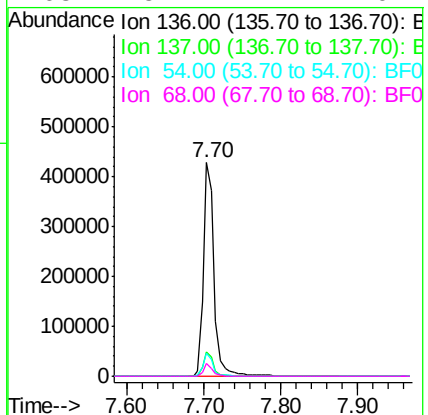
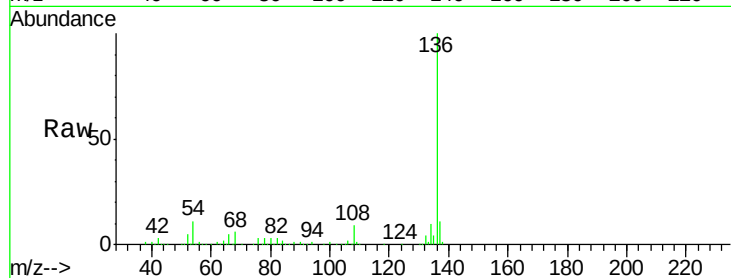




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

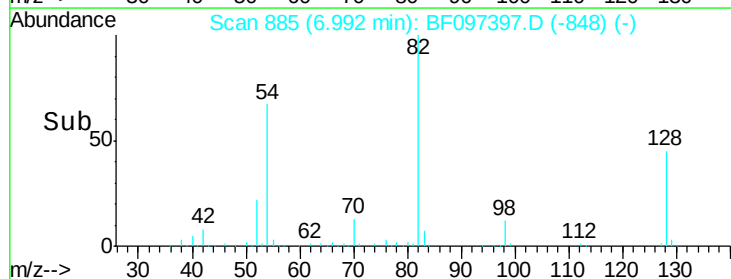
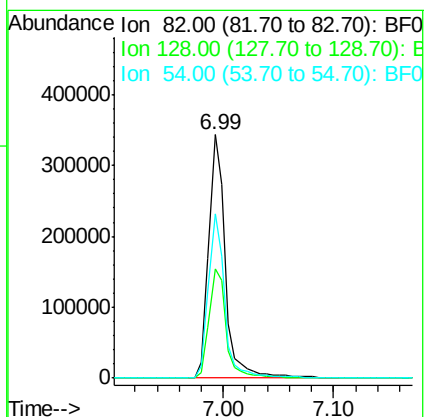
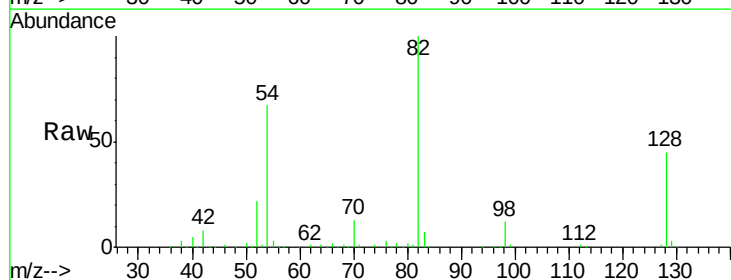
Instrument :
BNA_F
ClientSampleId :

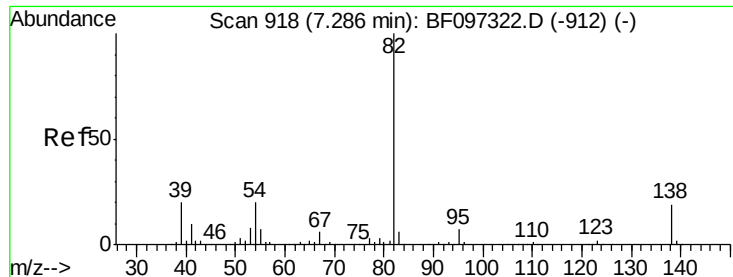
Tot Ion:136	Resp:	412110
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.5 12.7
54	11.1	4.9 7.3#
68	5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 49.72 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Tgt Ion: 82	Resp:	349313
Ion	Ratio	Lower Upper
82	100	
128	44.8	34.0 51.0
54	67.5	42.2 63.2#

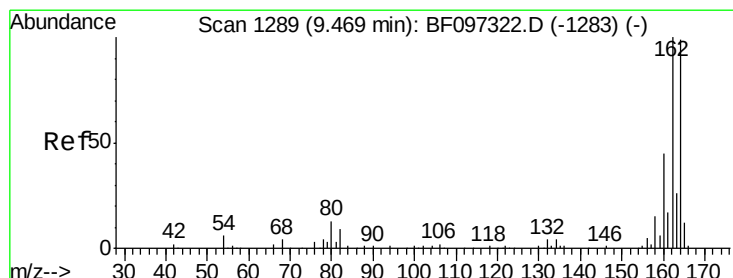
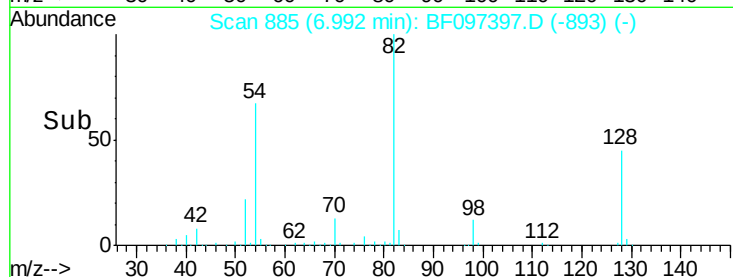
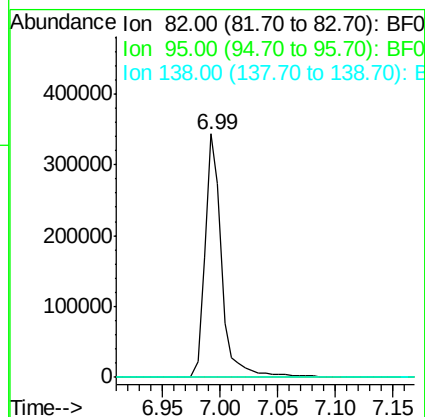
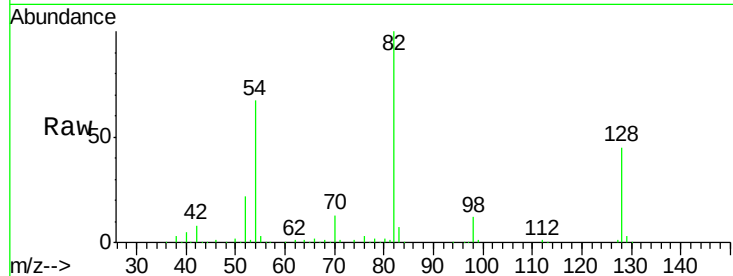




#25
Isophorone
Concen: 25.39 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.35 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

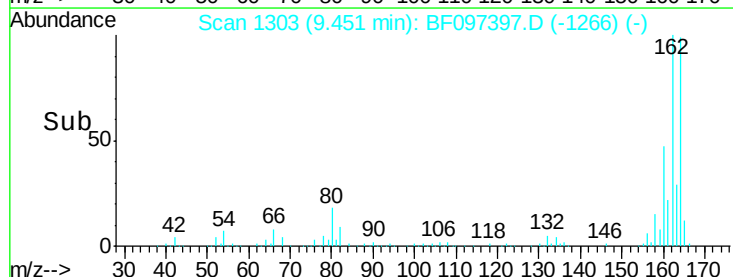
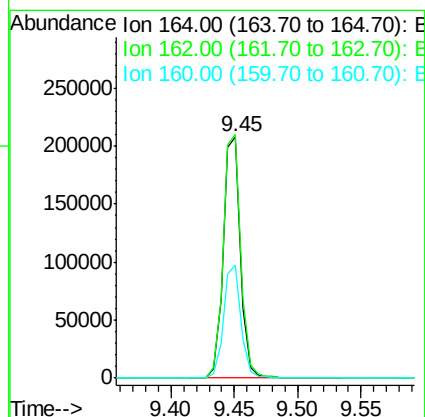
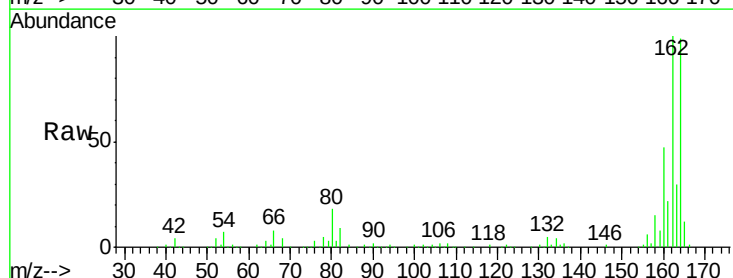
Instrument :
BNA_F
ClientSampleId :

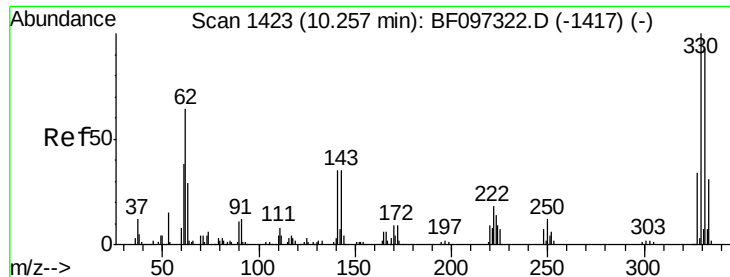
Tot Ion: 82 Resp: 349311
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Tgt Ion:164 Resp: 197706
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 47.0 36.2 54.2

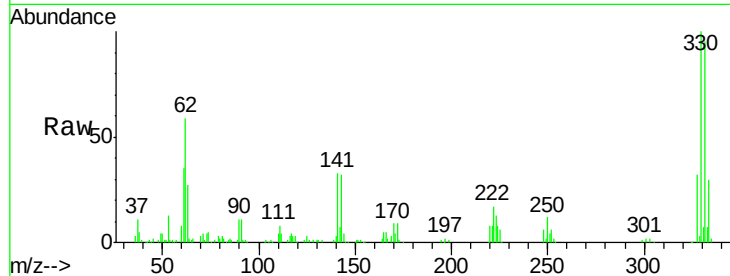




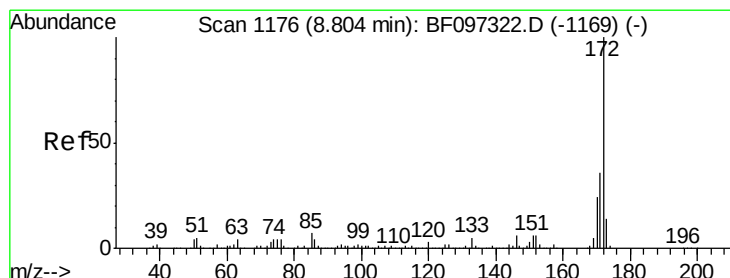
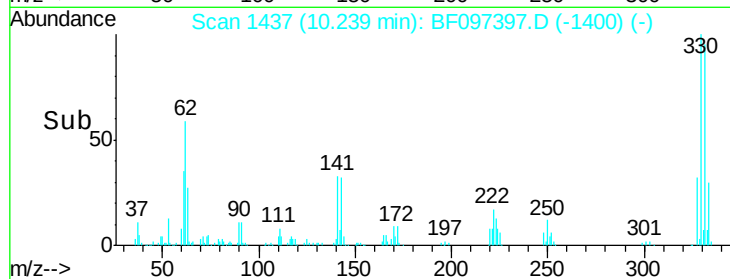
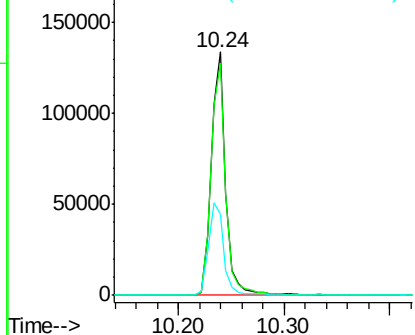
#41
 2,4,6-Tribromophenol
 Concen: 82.22 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.2	31.4	47.2

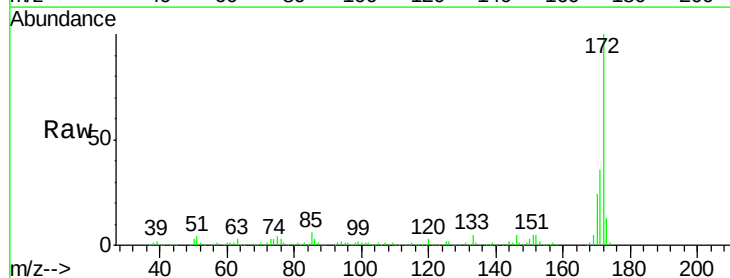


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

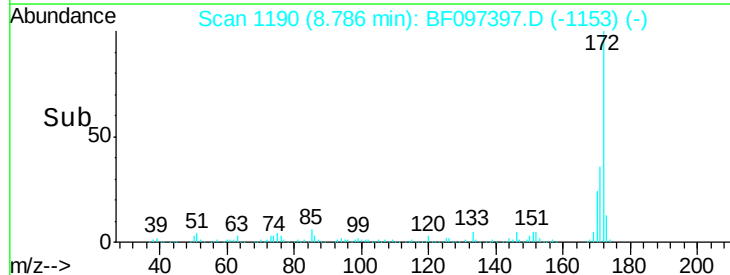
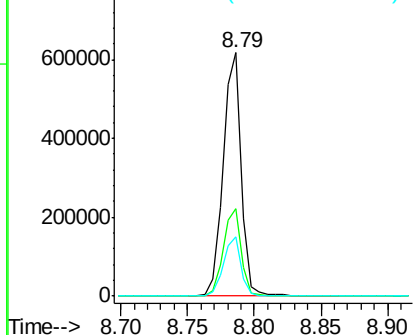


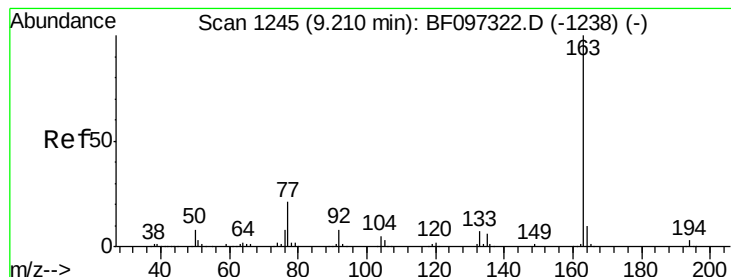
#44
 2-Fluorobiphenyl
 Concen: 50.83 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	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: 6.64 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampleId :

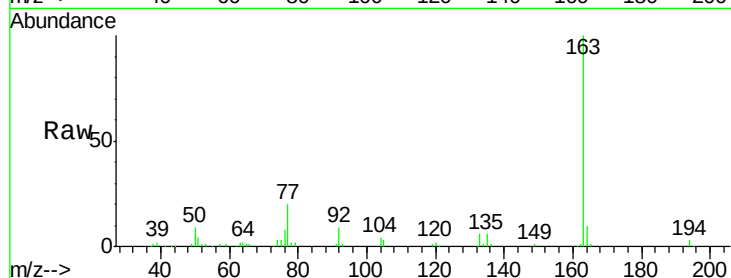
Tot Ion:163 Resp: 99644

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

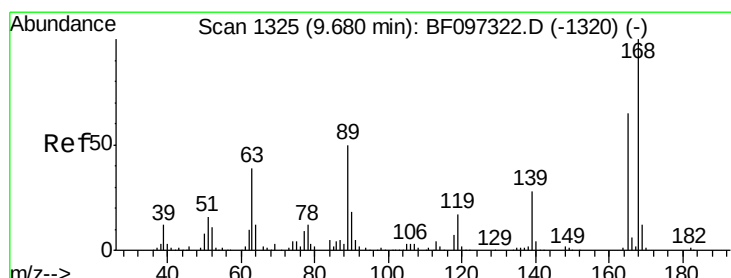
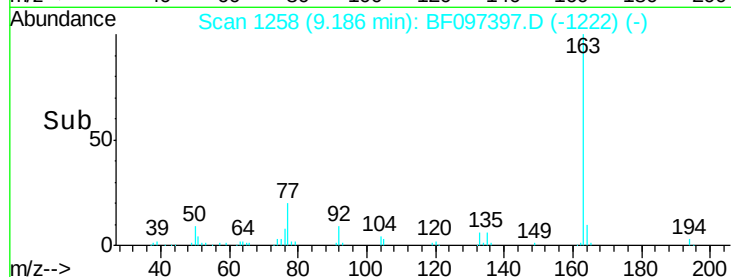
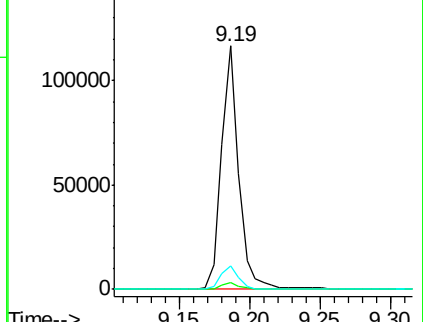
164 9.5 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.66 ng

RT: 9.45 min Scan# 1302

Delta R.T. -0.29 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Tgt Ion:165 Resp: 24387

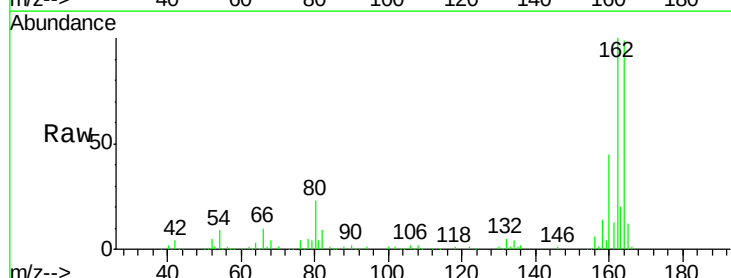
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

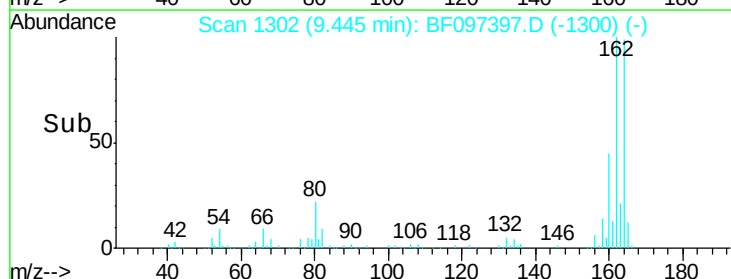
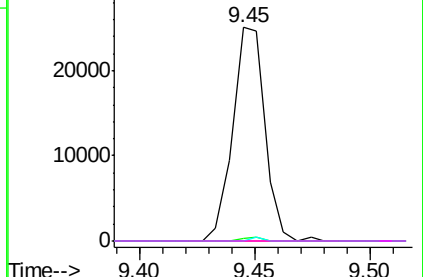


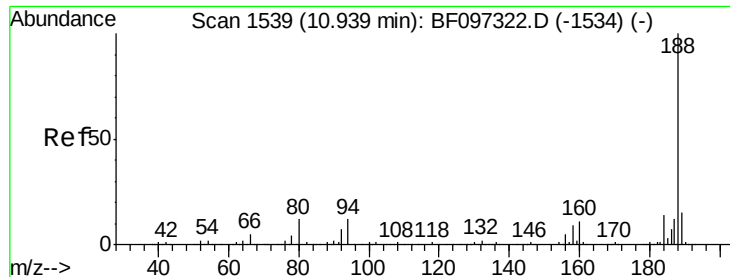
Abundance Ion 165.00 (164.70 to 165.70): E

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

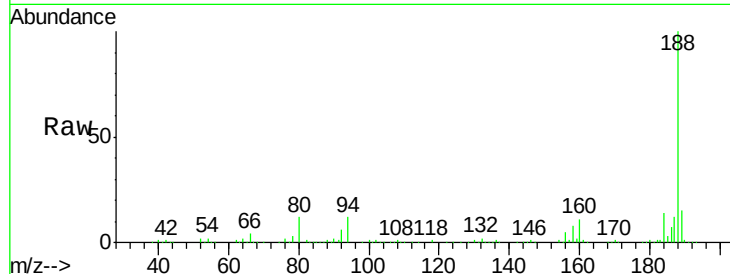




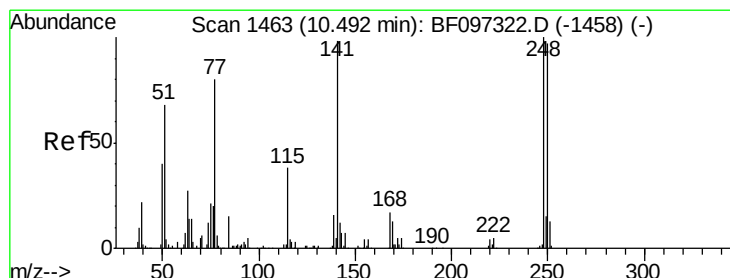
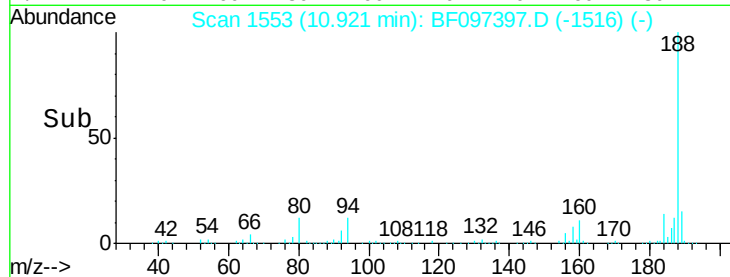
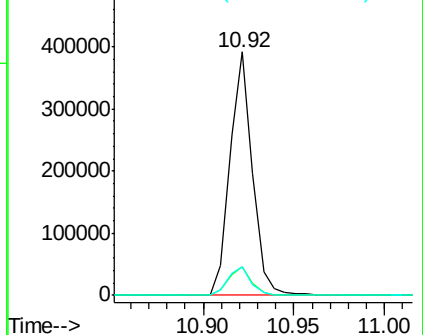
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 337846
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.6 10.2 15.2

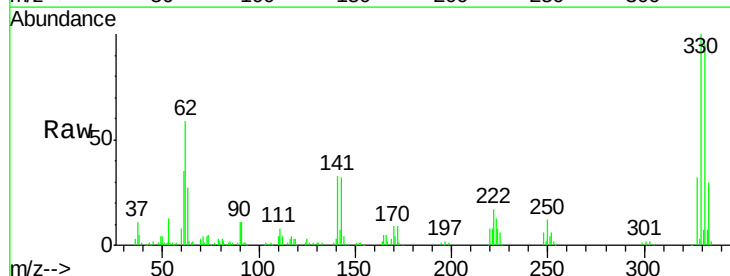


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

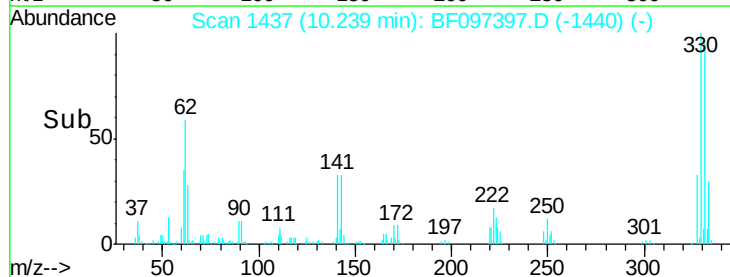
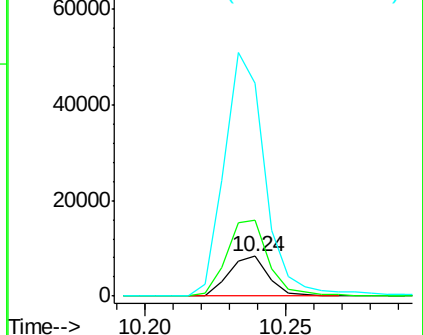


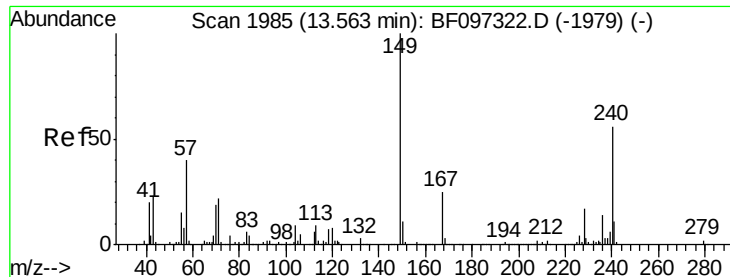
#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097397.D
Acq: 5 Aug 2017 15:13

Tgt Ion:248 Resp: 8155
Ion Ratio Lower Upper
248 100
250 189.8 76.8 115.2#
141 533.5 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: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

Instrument :

BNA_F

ClientSampled :

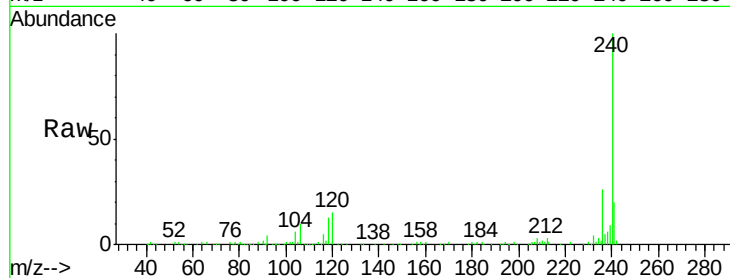
Tot Ion:240 Resp: 214143

Ion Ratio Lower Upper

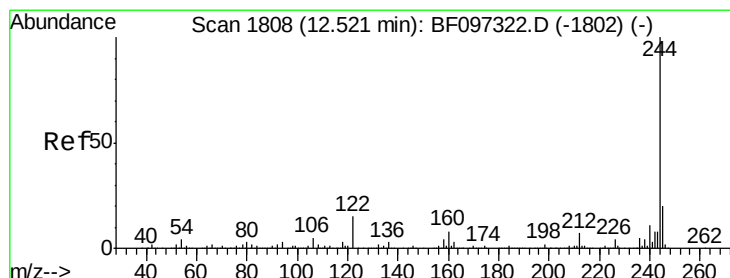
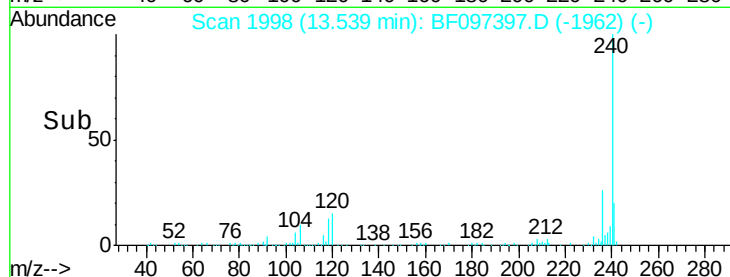
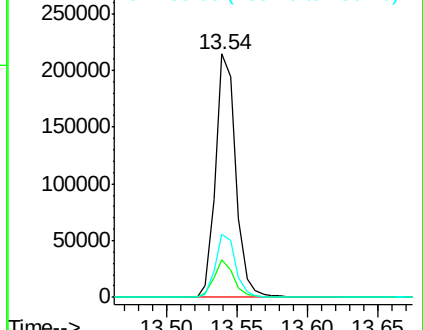
240 100

120 15.5 5.8 8.8#

236 25.8 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: 44.67 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097397.D

Acq: 5 Aug 2017 15:13

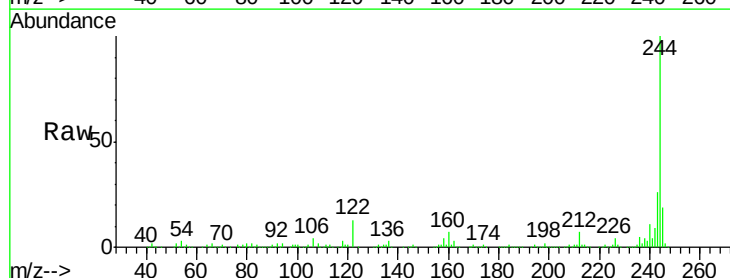
Tgt Ion:244 Resp: 469195

Ion Ratio Lower Upper

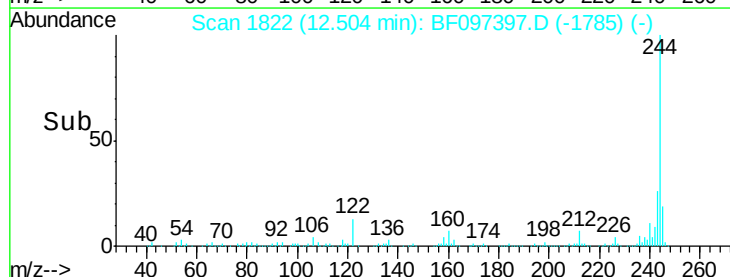
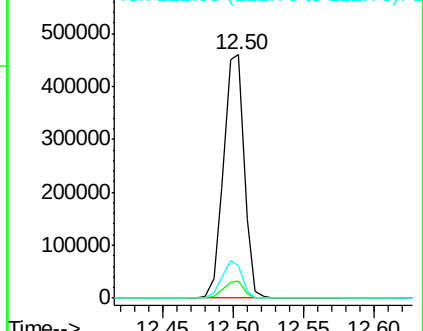
244 100

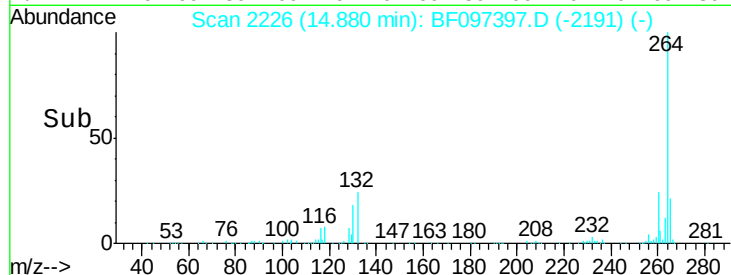
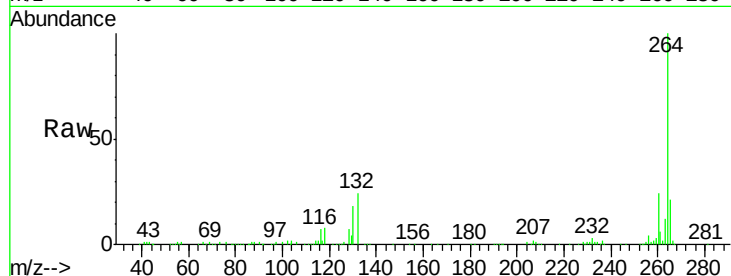
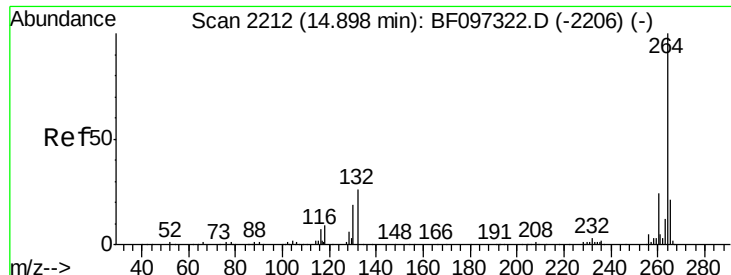
212 6.9 6.0 9.0

122 13.2 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: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097397.D
 Acq: 5 Aug 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	189253
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.5 29.3
265	21.2	17.2 25.8

