

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097094.D
 Acq On : 27 Jul 2017 00:01
 Operator : SJ/JU
 Sample : I4359-11RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:20:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

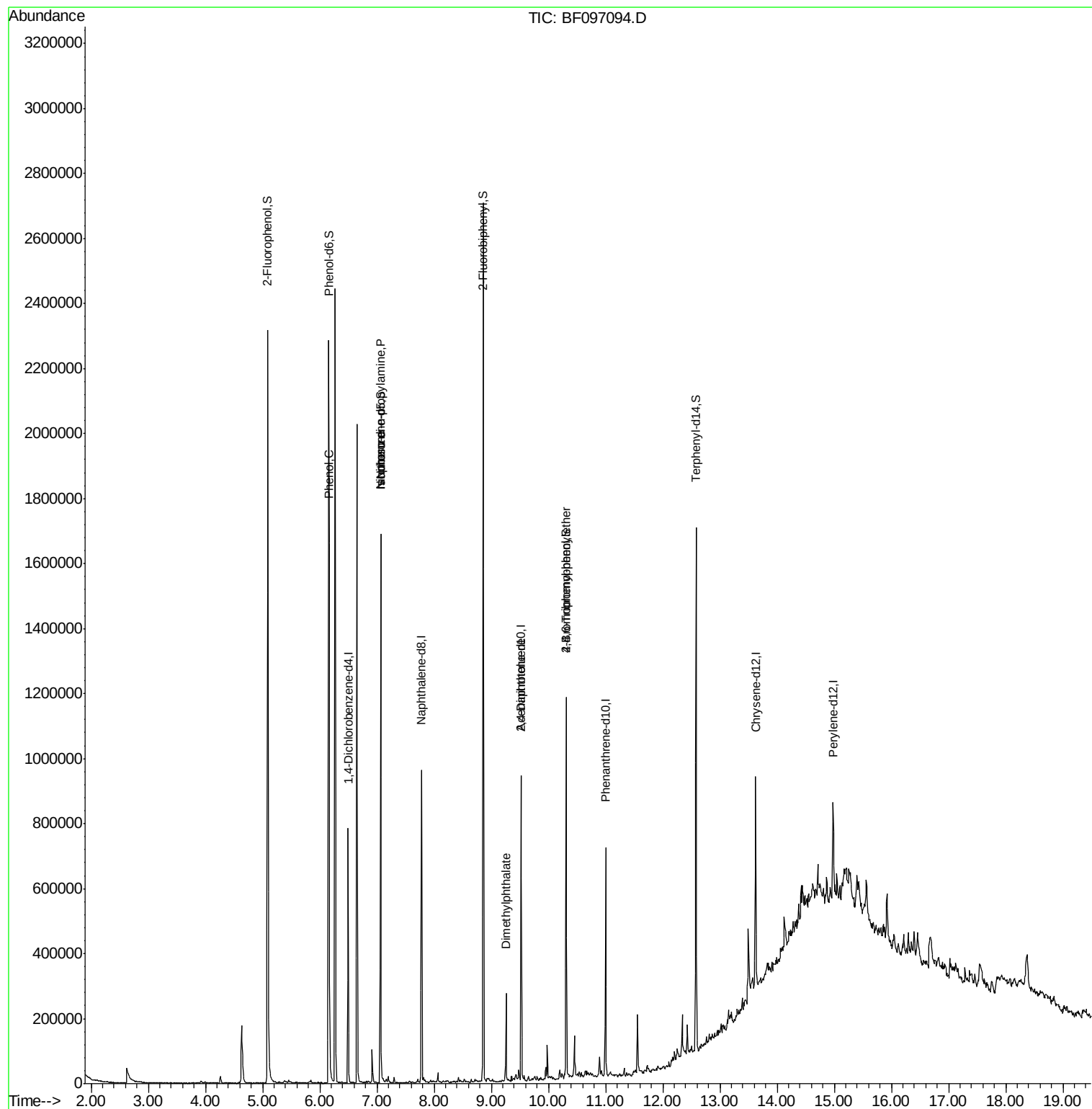
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	110760	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	442566	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	167650	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	241854	20.00	ng	0.00
75) Chrysene-d12	13.62	240	213905	20.00	ng	0.00
86) Perylene-d12	14.98	264	134771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	732591	99.71	ng	-0.01
7) Phenol-d6	6.16	99	827833	98.69	ng	-0.01
23) Nitrobenzene-d5	7.06	82	477283	63.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	124039	93.64	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	803843	81.37	ng	-0.01
78) Terphenyl-d14	12.58	244	509960	48.61	ng	0.00
Target Compounds						
10) Phenol	6.17	94	30226	3.038	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	63643	11.527	ng	# 85
25) Isophorone	7.06	82	470954	31.877	ng	# 67
49) Dimethylphthalate	9.26	163	106041	8.329	ng	97
56) 2,4-Dinitrotoluene	9.52	165	20619	6.643	ng	# 32
66) 4-Bromophenyl-phenylether	10.31	248	7730	3.203	ng	# 1

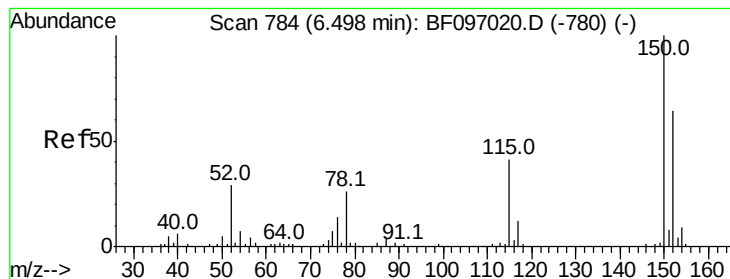
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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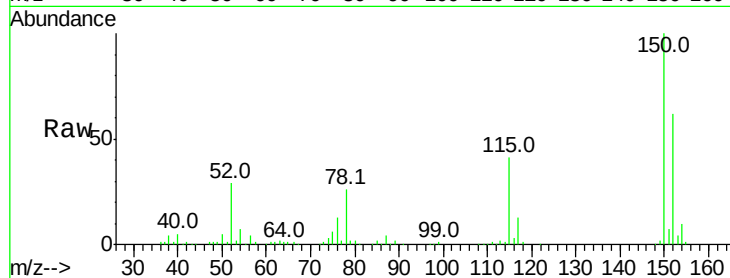


#1

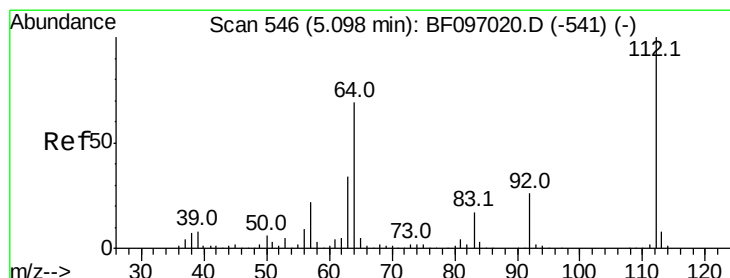
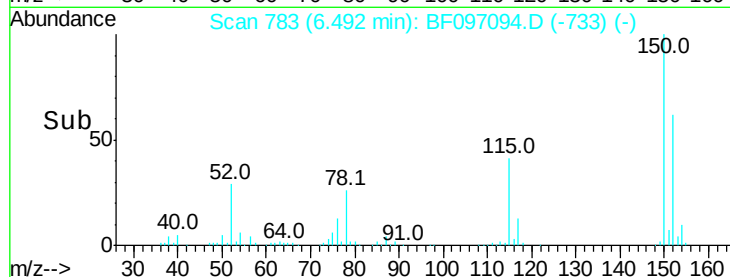
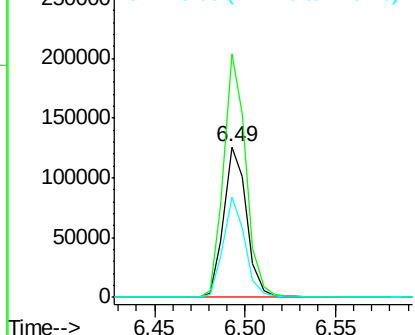
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110760
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 66.8 52.2 78.2



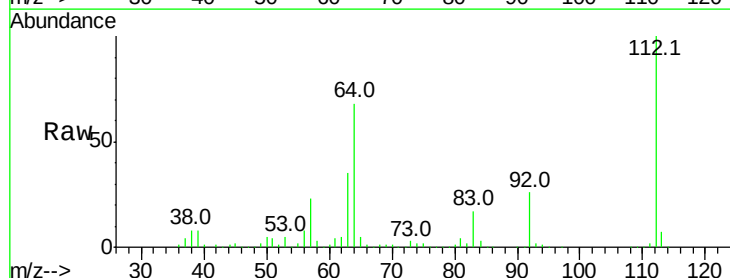
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



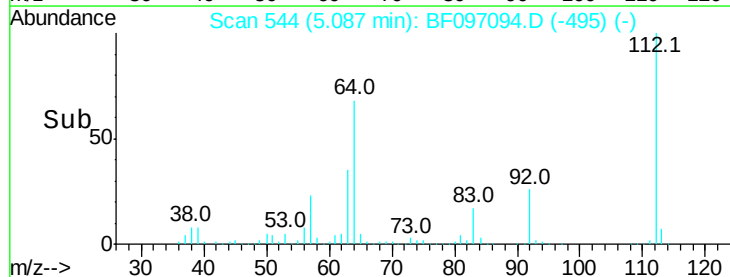
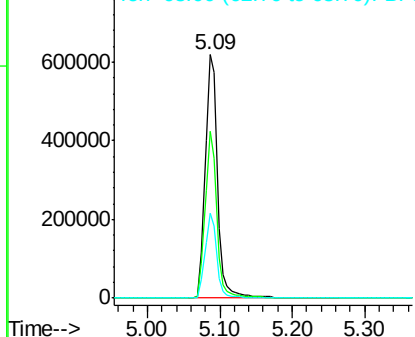
#5

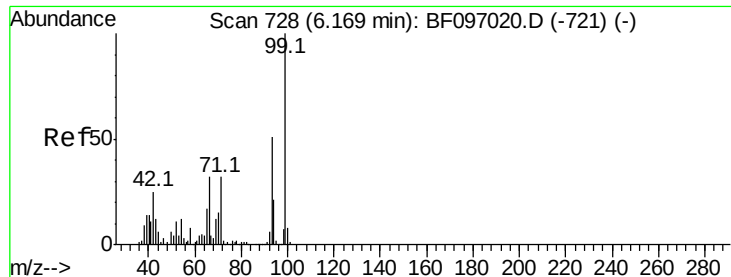
2-Fluorophenol
Concen: 99.709 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Tgt Ion:112 Resp: 732591
Ion Ratio Lower Upper
112 100
64 68.3 46.0 69.0
63 35.0 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: 98.694 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampled :

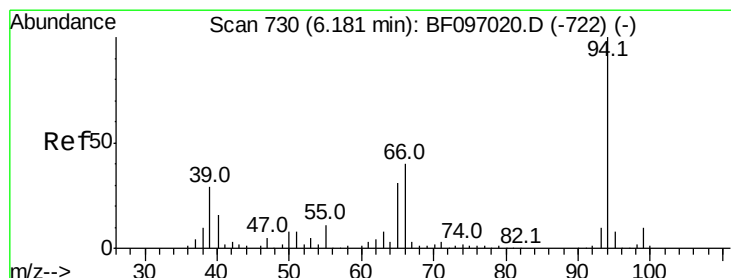
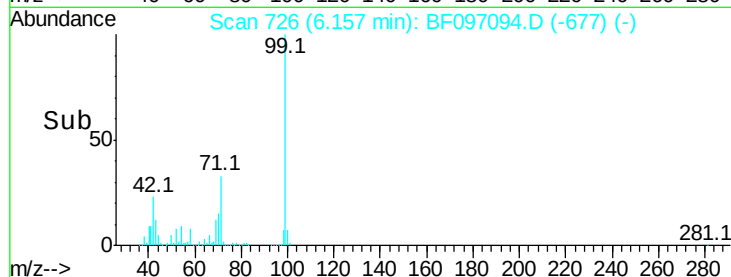
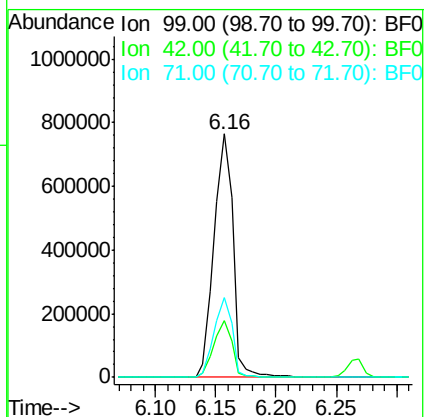
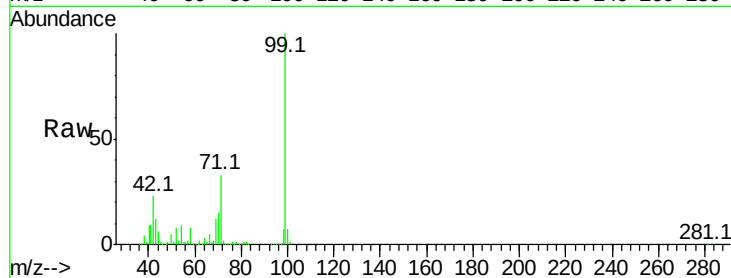
Tot Ion: 99 Resp: 827833

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

71 33.0 24.5 36.7



#10

Phenol

Concen: 3.038 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

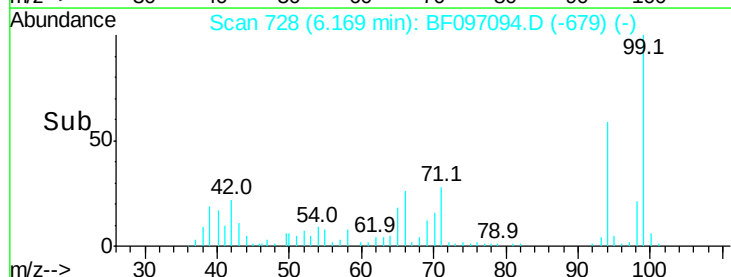
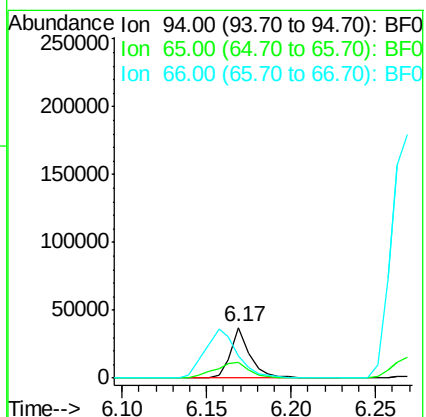
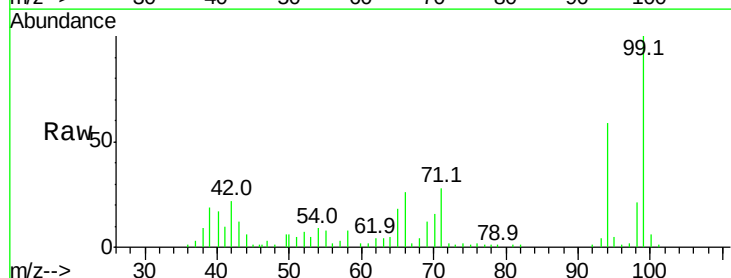
Tgt Ion: 94 Resp: 30226

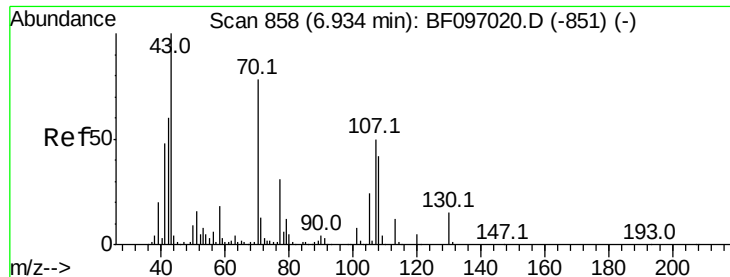
Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

66 44.4 23.1 63.1

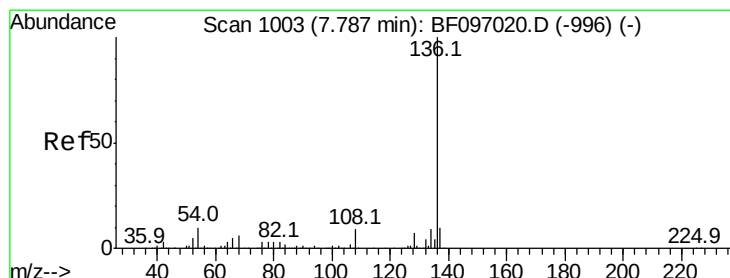
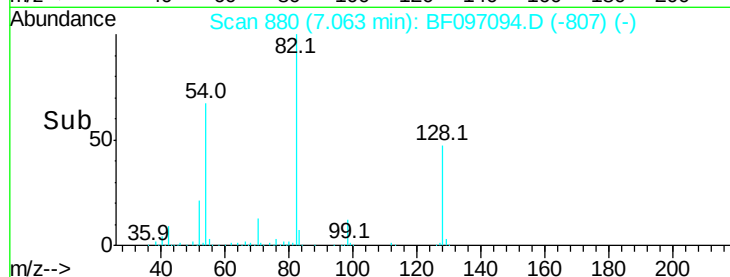
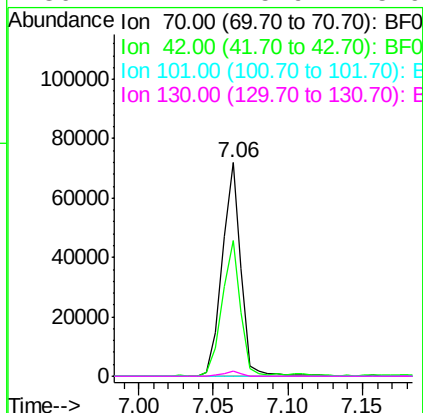
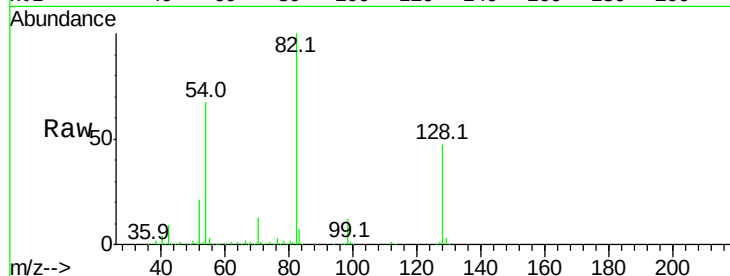




#19
n-Nitroso-di-n-propylamine
Concen: 11.527 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

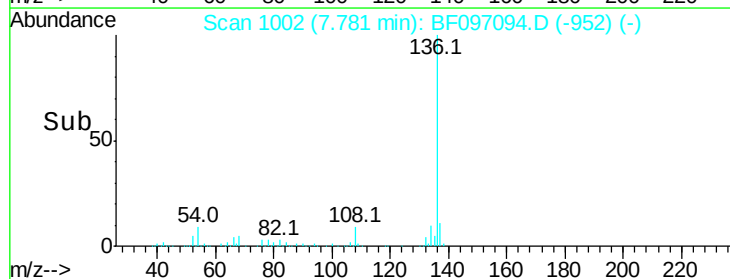
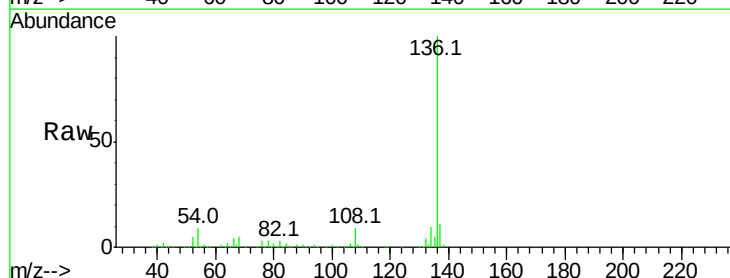
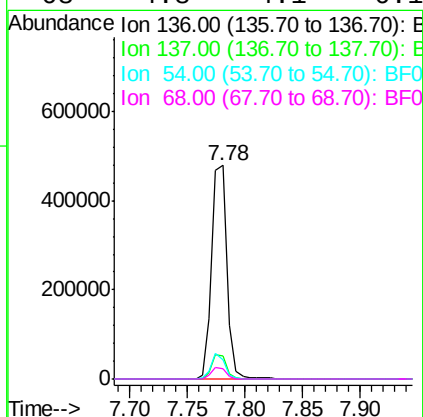
Instrument :
BNA_F
ClientSampleId :

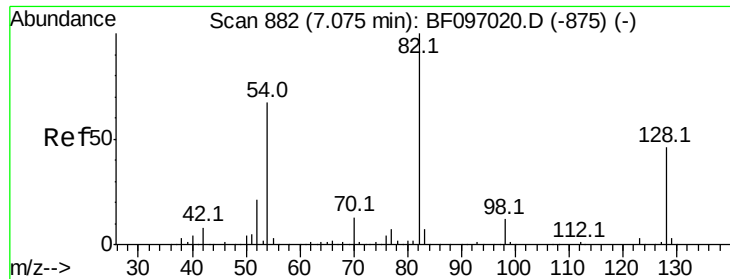
Tot Ion: 70 Resp: 63643
Ion Ratio Lower Upper
70 100
42 63.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Tgt Ion:136 Resp: 442566
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.1 4.9 7.3#
68 4.8 4.1 6.1

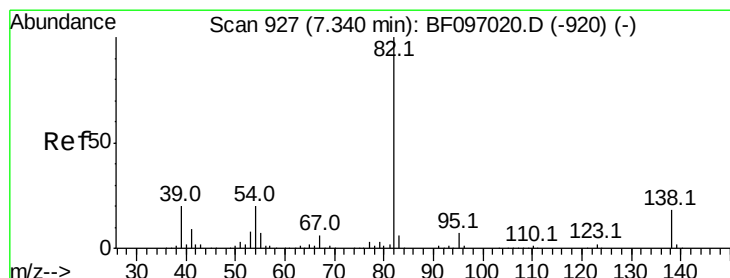
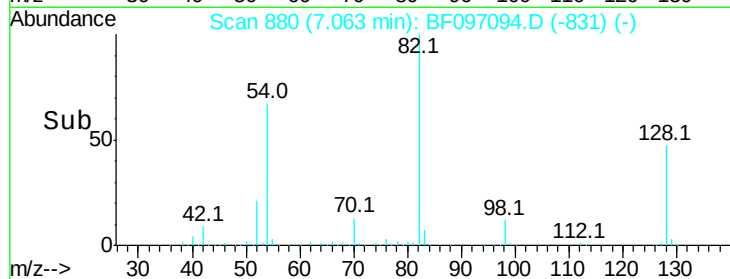
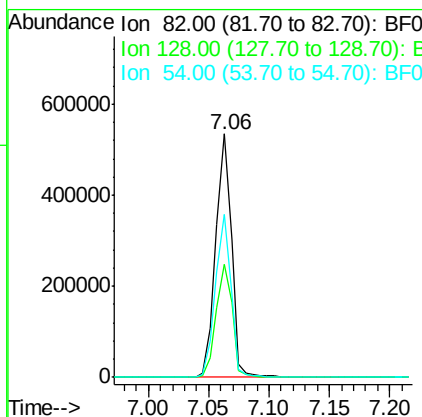
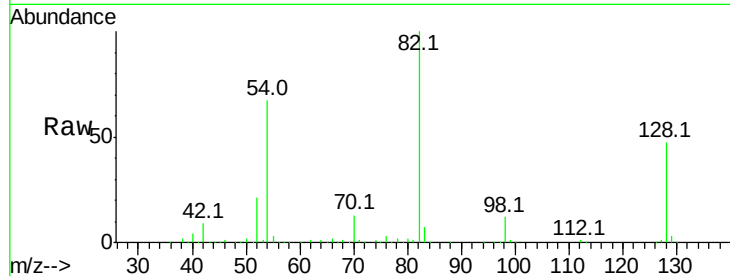




#23
 Nitrobenzene-d5
 Concen: 63.266 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

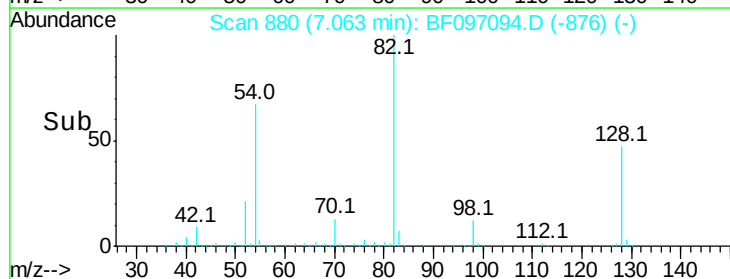
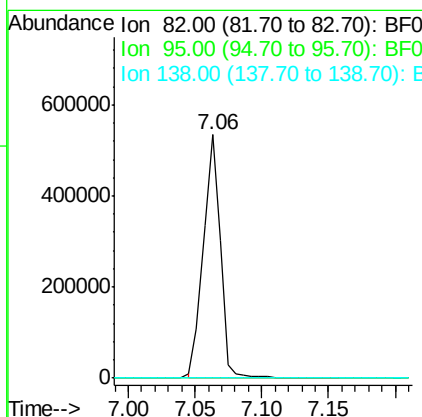
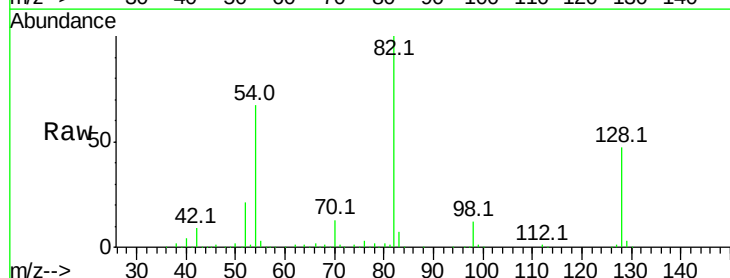
Instrument :
 BNA_F
 ClientSampleId :

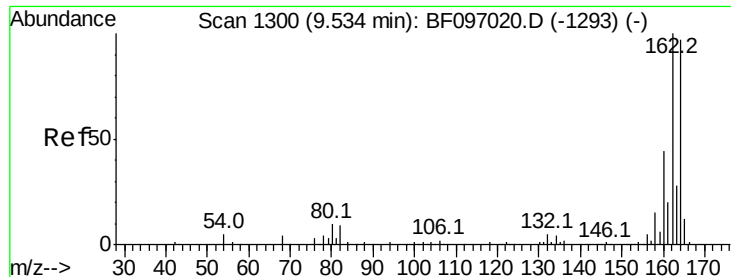
Tot Ion: 82 Resp: 477283
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 66.9 42.2 63.2#



#25
 Isophorone
 Concen: 31.877 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Tgt Ion: 82 Resp: 470954
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

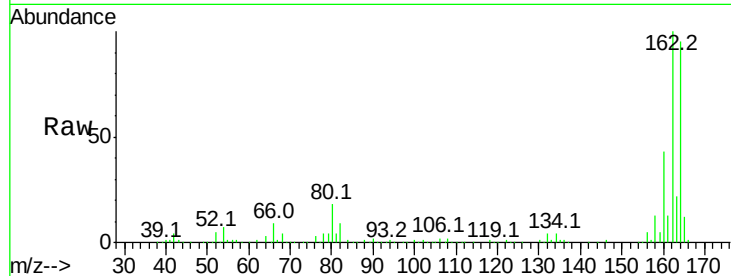




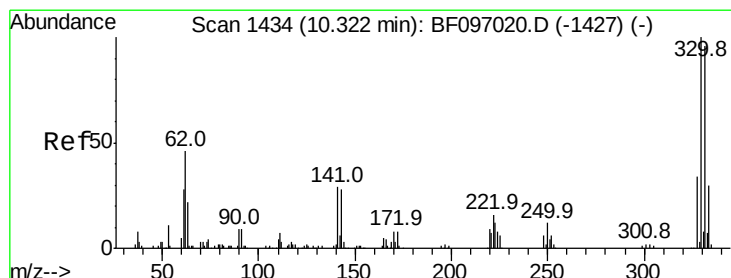
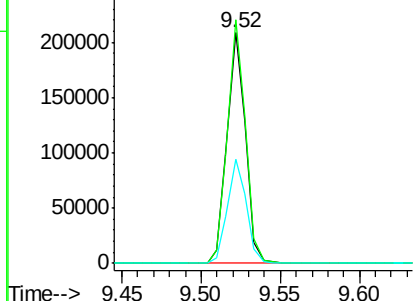
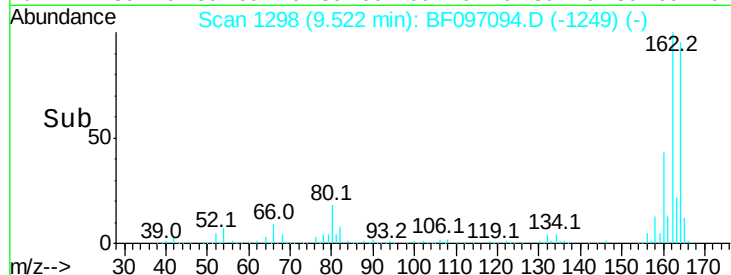
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 167650
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 45.0 36.2 54.2

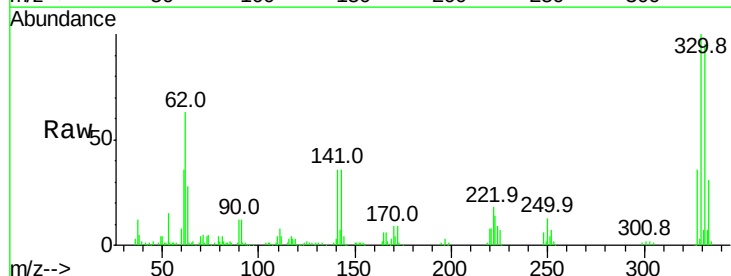


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

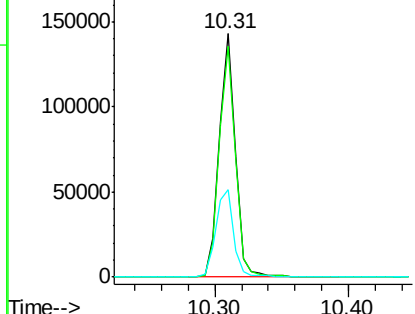
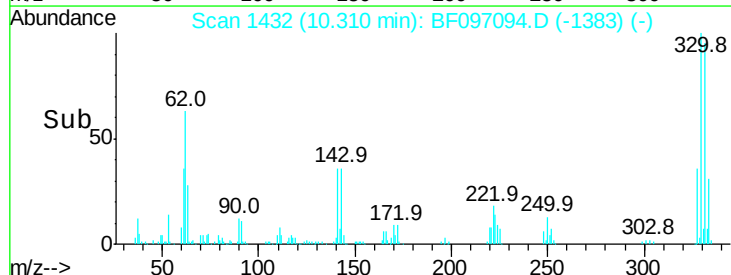


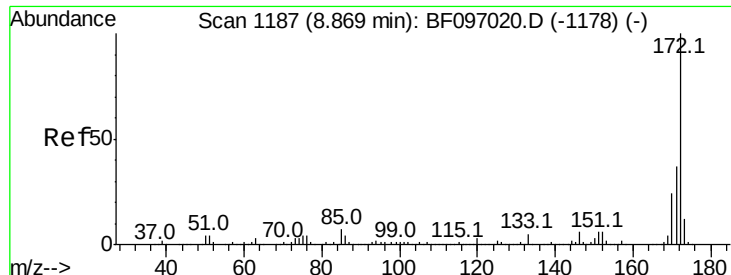
#41
 2,4,6-Tribromophenol
 Concen: 93.643 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Tgt Ion:330 Resp: 124039
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 39.1 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

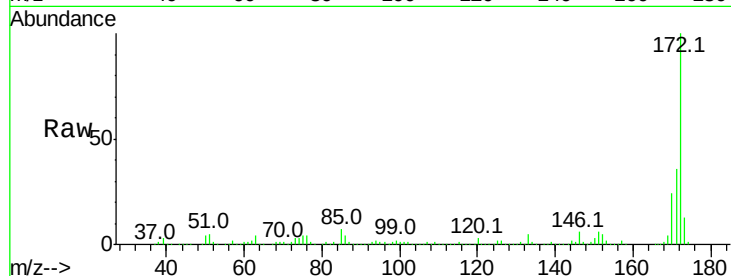




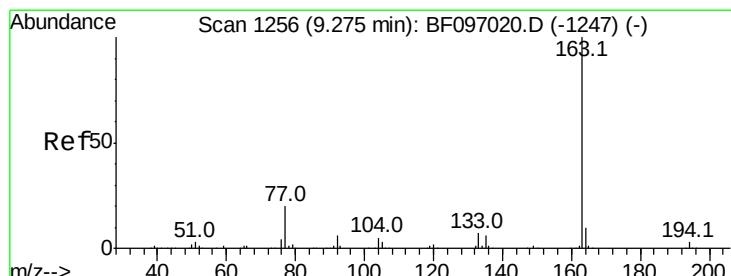
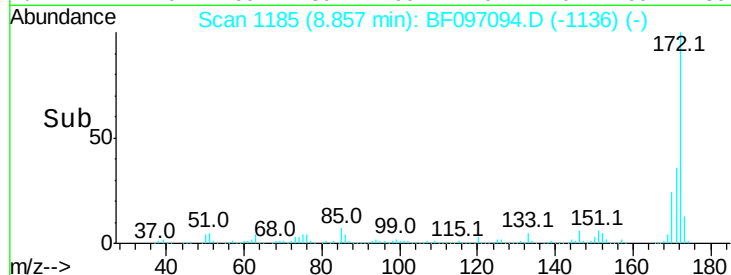
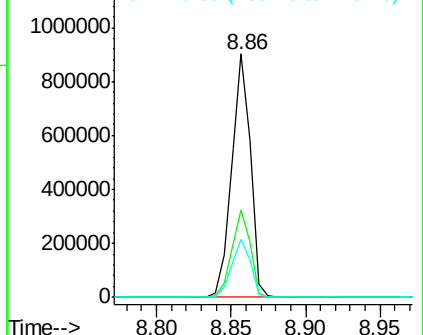
#44
2-Fluorobiphenyl
Concen: 81.372 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 803843
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.8 29.8

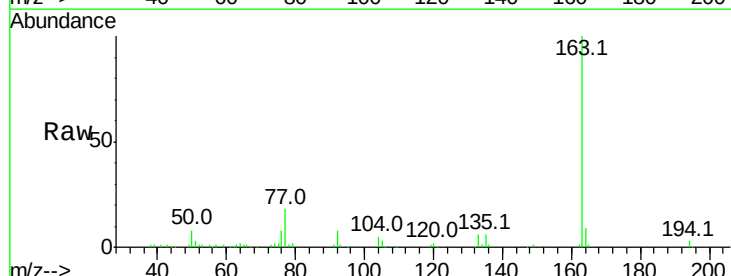


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

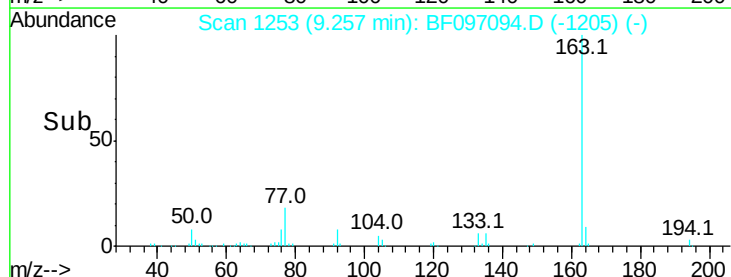
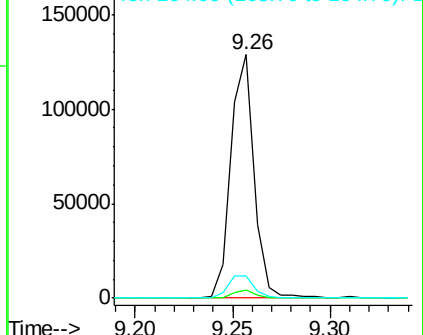


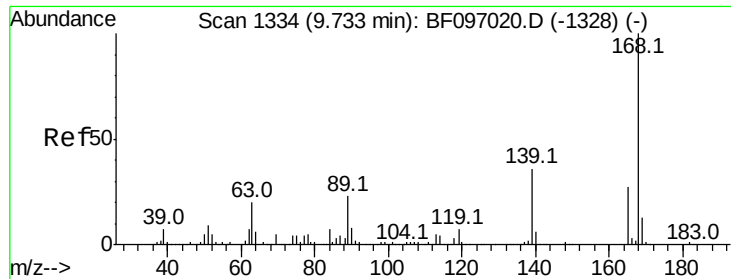
#49
Dimethylphthalate
Concen: 8.329 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Tgt Ion:163 Resp: 106041
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.1 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

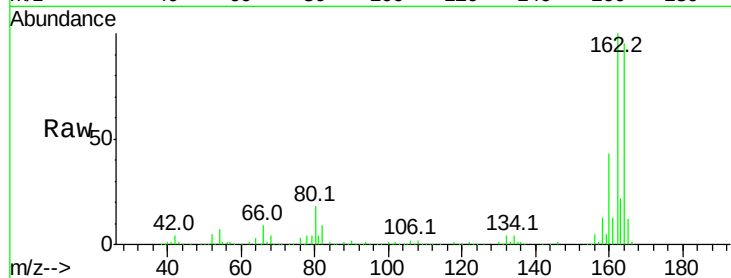




#56
 2,4-Dinitrotoluene
 Concen: 6.643 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	20619
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

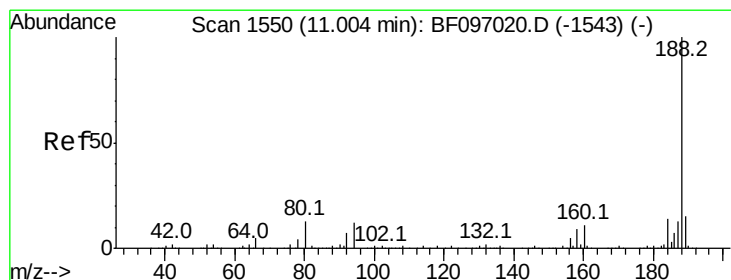
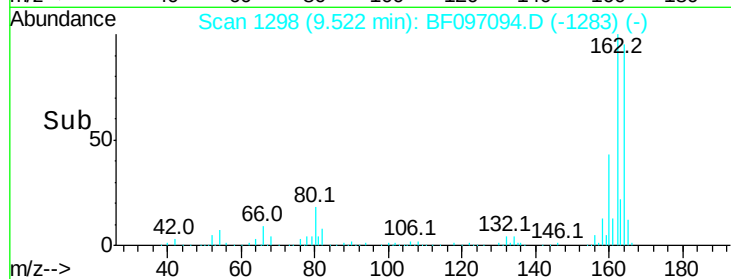
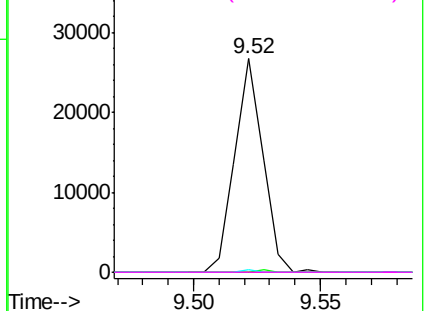


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

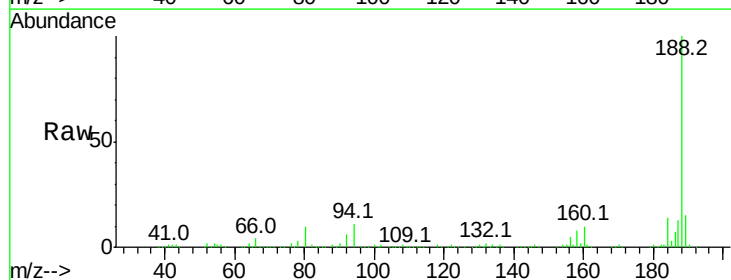
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

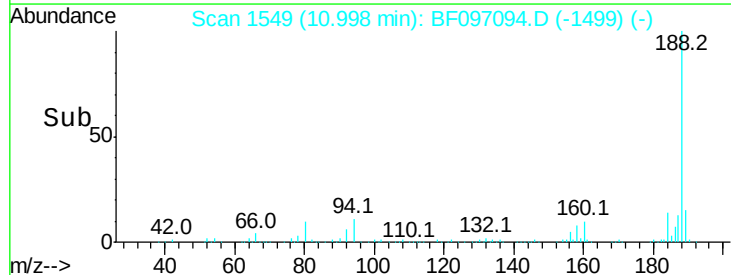
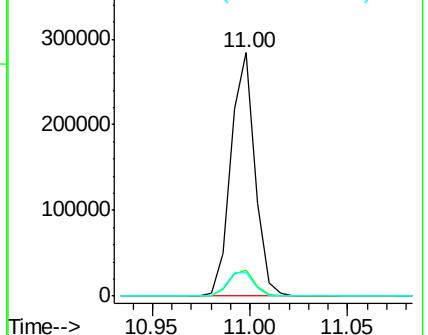
Tgt Ion:	188	Resp:	241854
Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	9.8	10.2	15.2#

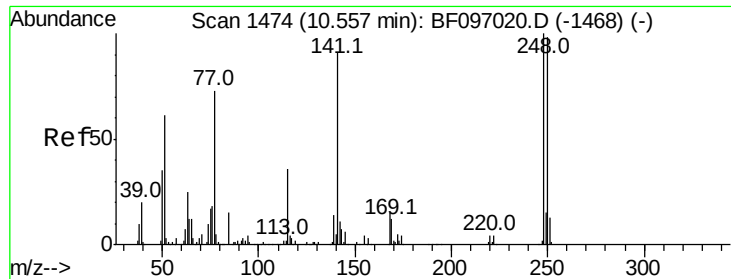


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.203 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampleId :

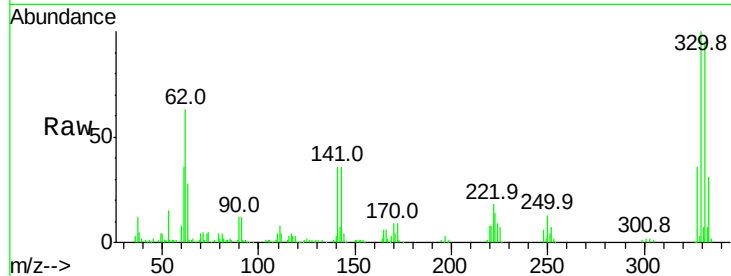
Tot Ion:248 Resp: 7730

Ion Ratio Lower Upper

248 100

250 202.9 76.8 115.2#

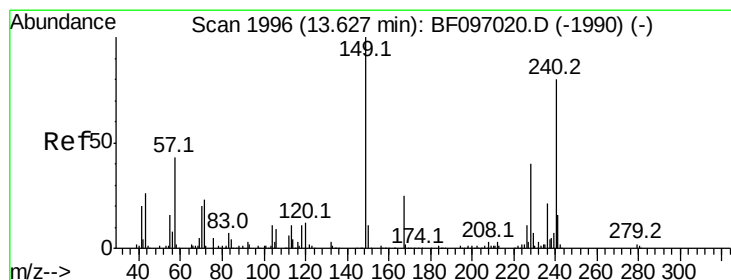
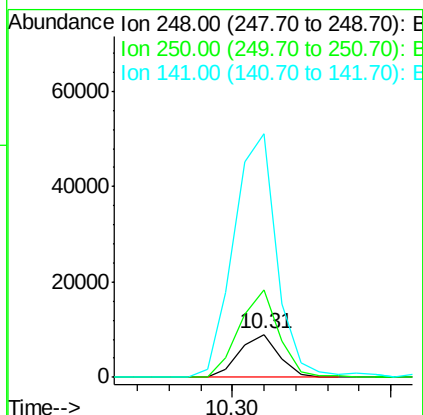
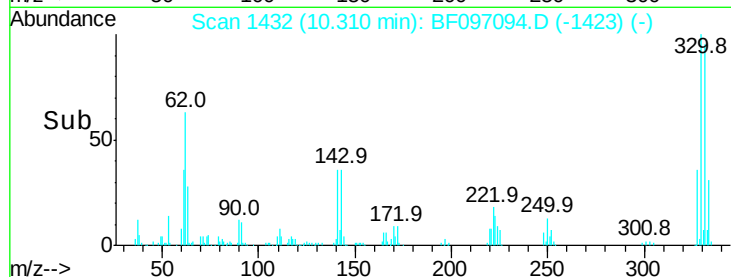
141 566.1 68.6 103.0#



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: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

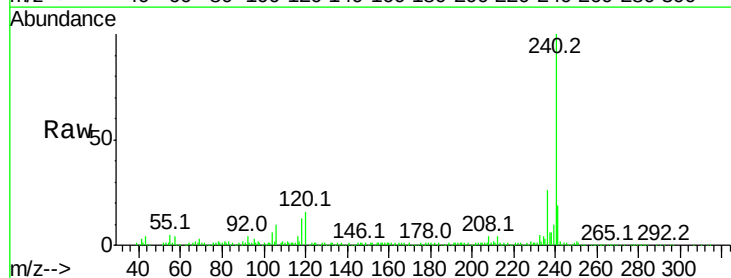
Tgt Ion:240 Resp: 213905

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

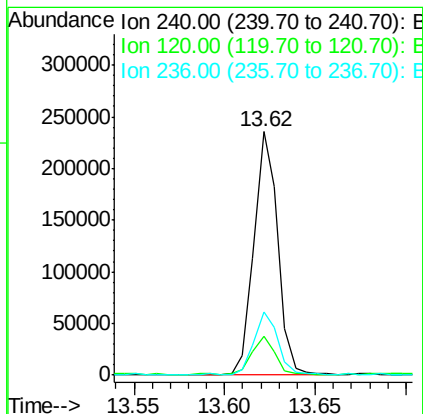
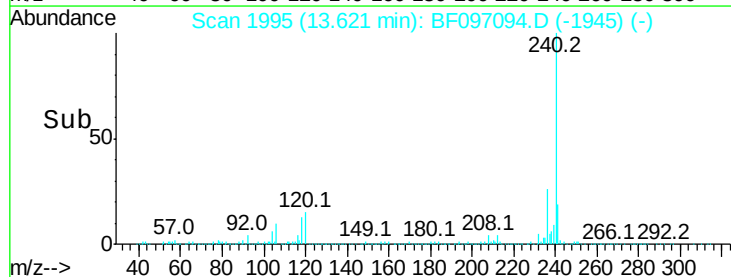
236 26.1 20.5 30.7

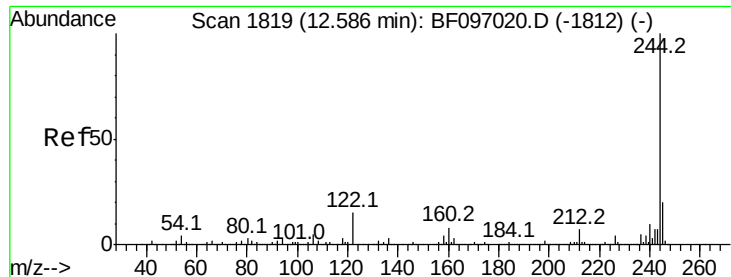


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.607 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampleId :

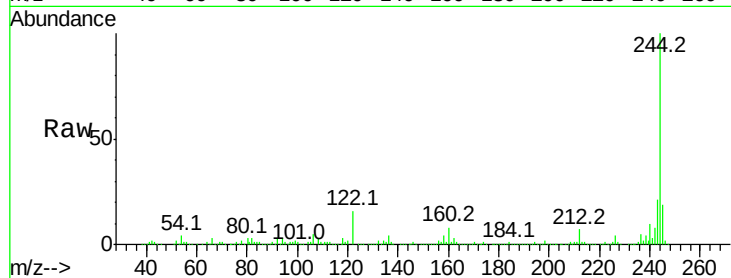
Tot Ion:244 Resp: 509960

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

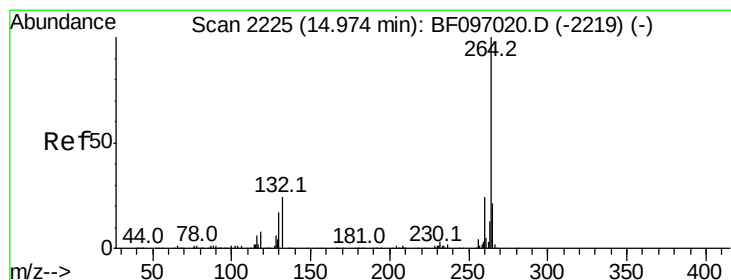
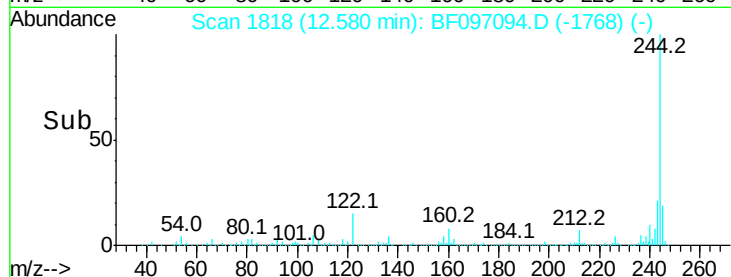
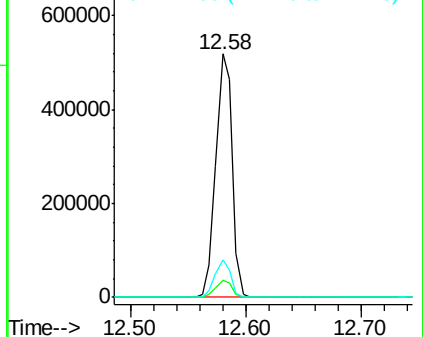
122 15.6 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

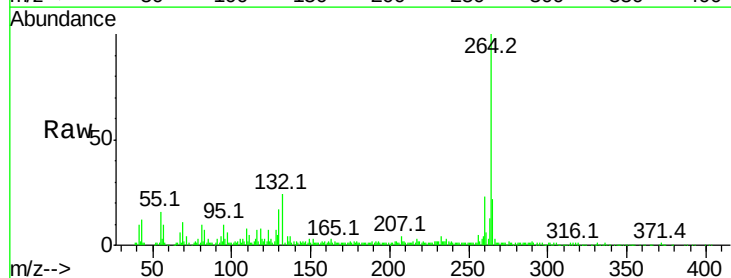
Tgt Ion:264 Resp: 134771

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

