

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097136.D
 Acq On : 27 Jul 2017 21:37
 Operator : SJ/JU
 Sample : I4422-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 28 00:45:34 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

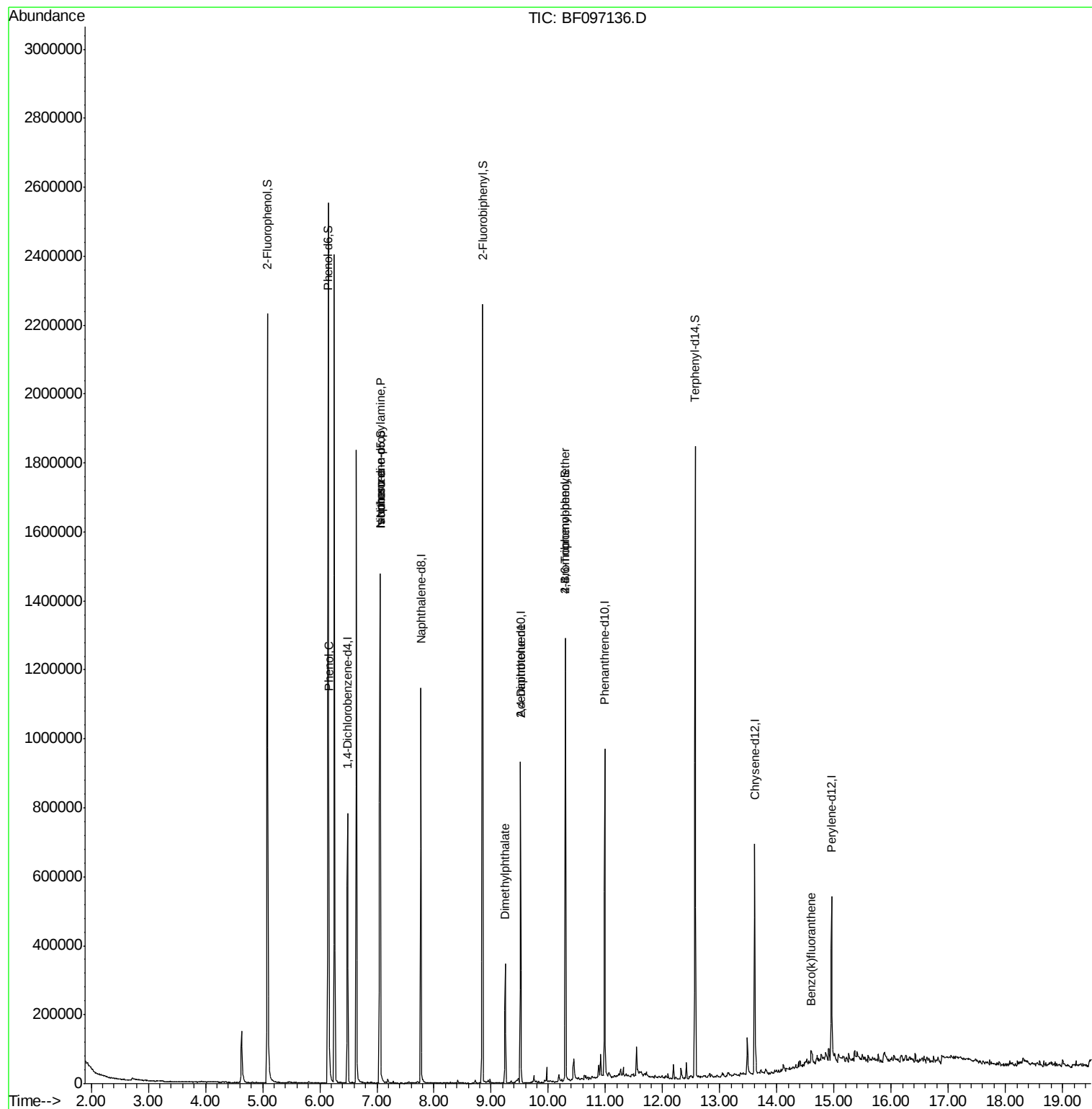
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109707	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	479883	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	184654	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	306314	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	206599	20.00	ng	-0.02
86) Perylene-d12	14.96	264	177991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	684442	94.05	ng	-0.01
7) Phenol-d6	6.15	99	860556	103.58	ng	-0.02
23) Nitrobenzene-d5	7.06	82	497811	60.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	149511	102.48	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	791668	72.76	ng	-0.02
78) Terphenyl-d14	12.57	244	581682	57.40	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	23127	2.35	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.05	70	65951	12.06	ng	# 89
25) Isophorone	7.06	82	491938	30.71	ng	# 67
49) Dimethylphthalate	9.25	163	124428	8.87	ng	99
56) 2,4-Dinitrotoluene	9.52	165	23232	6.80	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	9595	3.14	ng	# 1
88) Benzo(k)fluoranthene	14.60	252	21304	2.09	ng	97

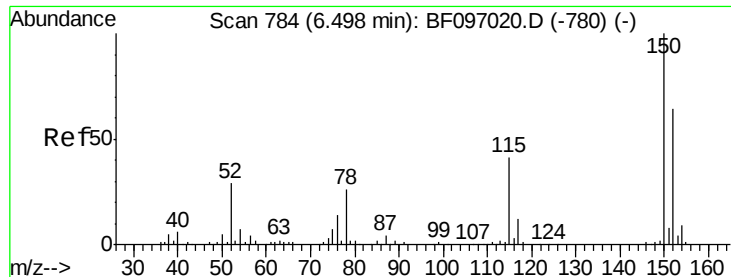
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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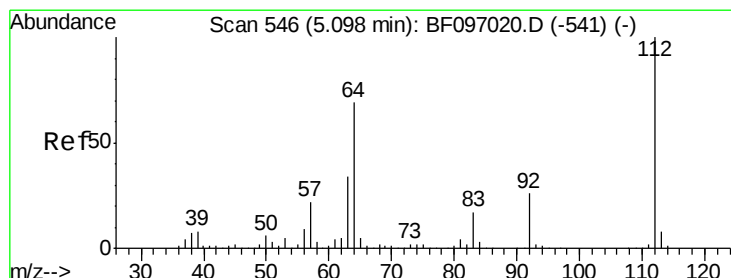
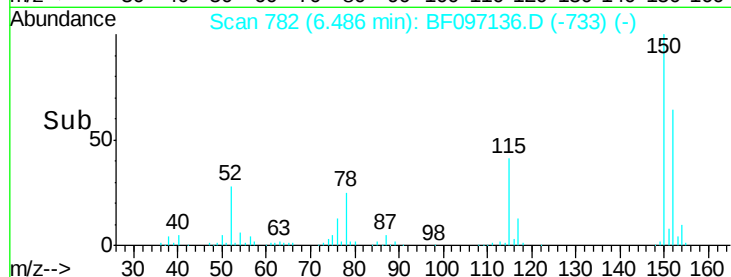
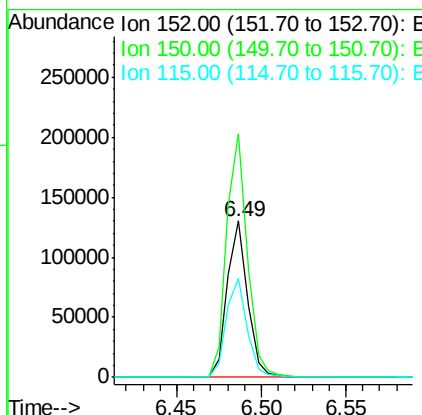
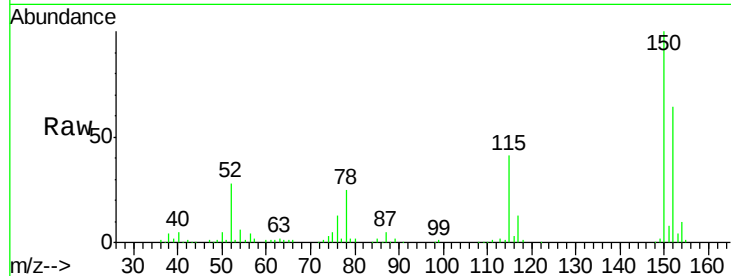


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Instrument :
BNA_F
ClientSampleId :

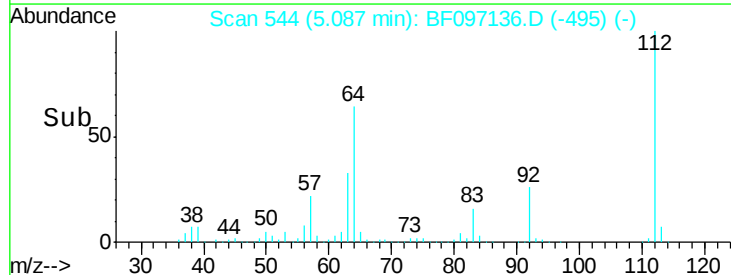
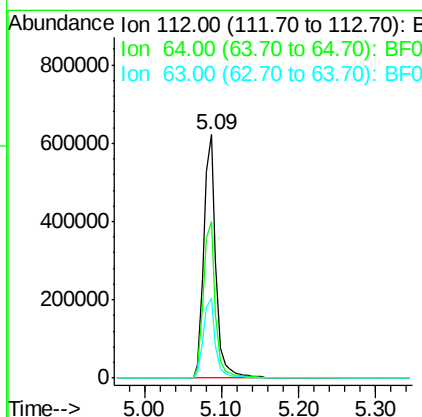
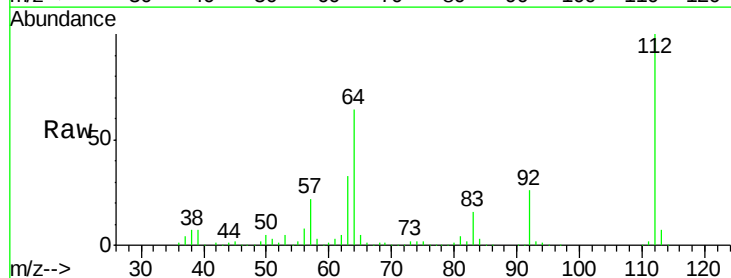
Tot Ion:152 Resp: 109707
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 63.8 52.2 78.2

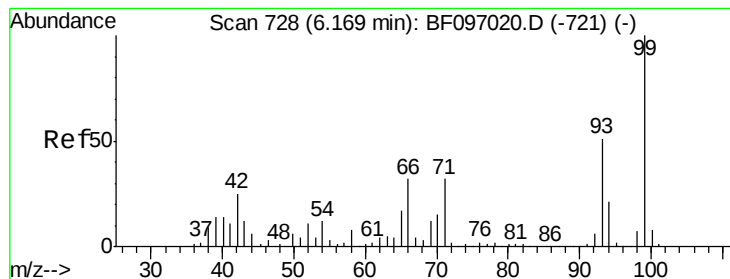


#5

2-Fluorophenol
Concen: 94.05 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion:112 Resp: 684442
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 33.0 23.4 35.0





#7

Phenol-d6

Concen: 103.58 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

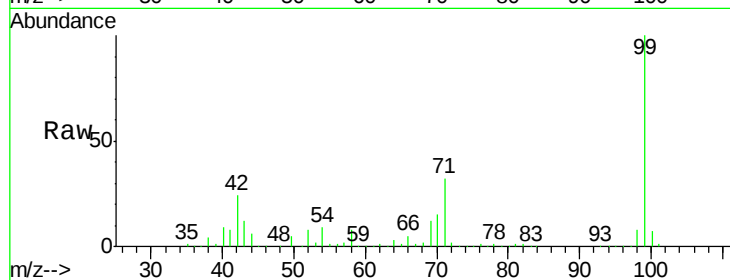
Instrument :

BNA_F

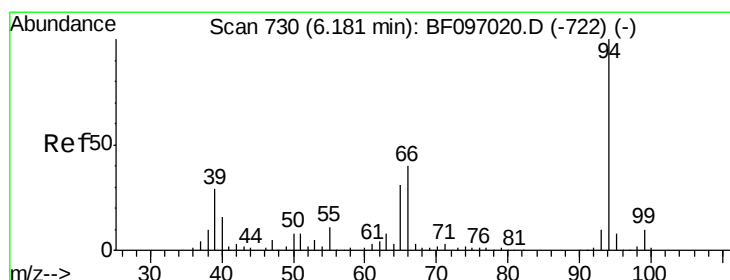
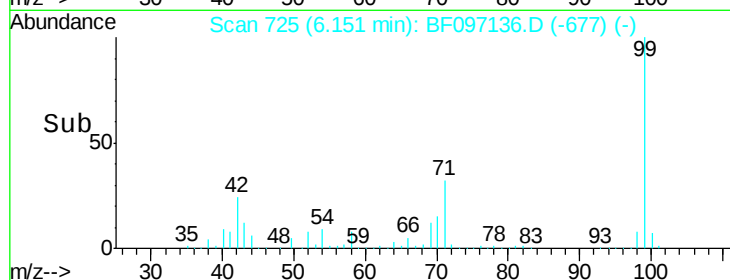
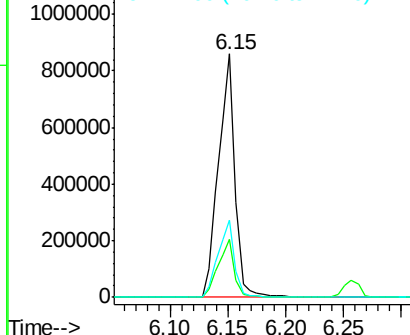
ClientSampled :

Tot Ion: 99 Resp: 860556

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	31.7	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



#10

Phenol

Concen: 2.35 ng

RT: 6.16 min Scan# 727

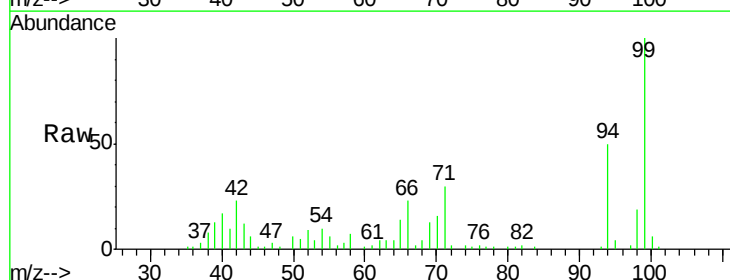
Delta R.T. -0.02 min

Lab File: BF097136.D

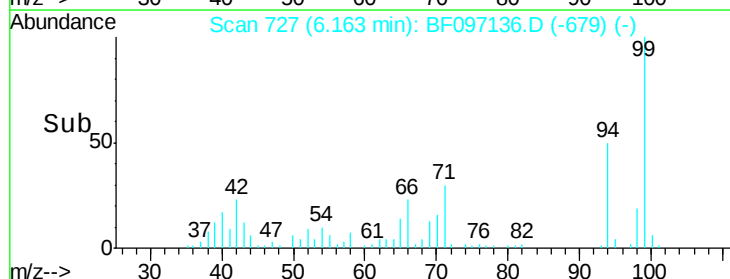
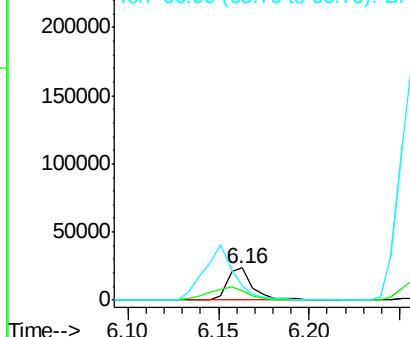
Acq: 27 Jul 2017 21:37

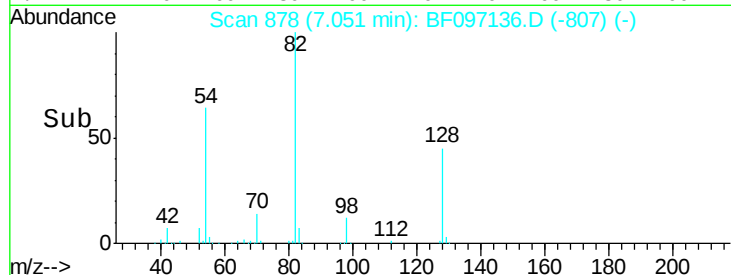
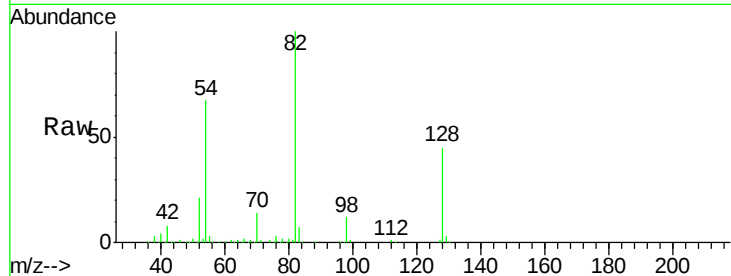
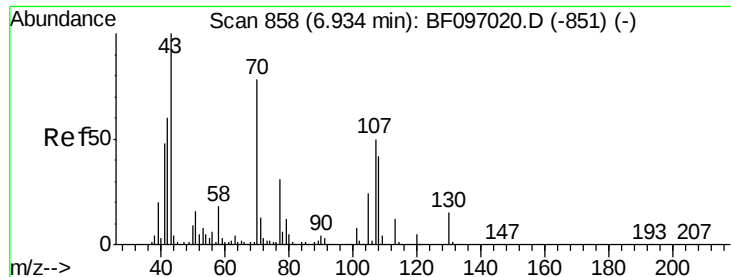
Tgt Ion: 94 Resp: 23127

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	45.2	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

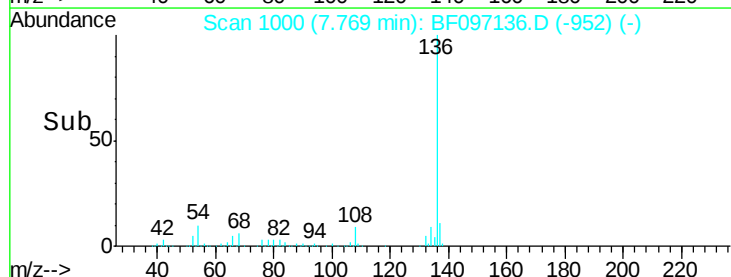
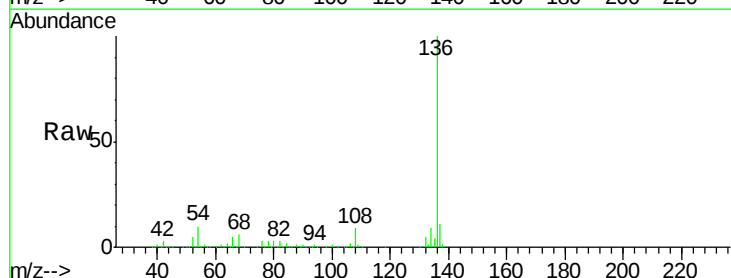
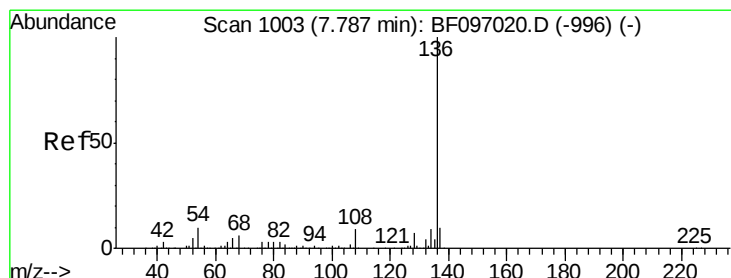
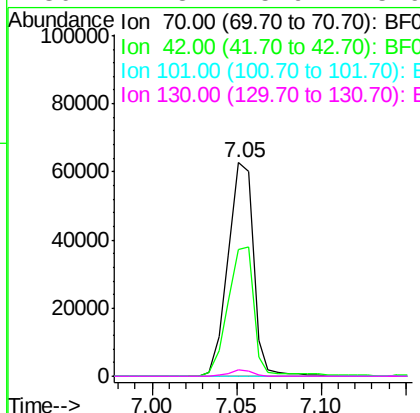




#19
n-Nitroso-di-n-propylamine
Concen: 12.06 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

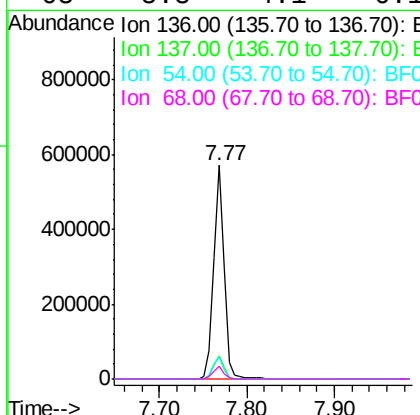
Instrument :
BNA_F
ClientSampleId :

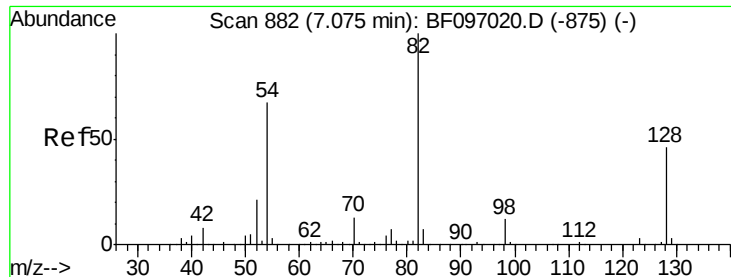
Tot Ion: 70 Resp: 65951
Ion Ratio Lower Upper
70 100
42 59.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion: 136 Resp: 479883
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.4 4.9 7.3#
68 5.8 4.1 6.1

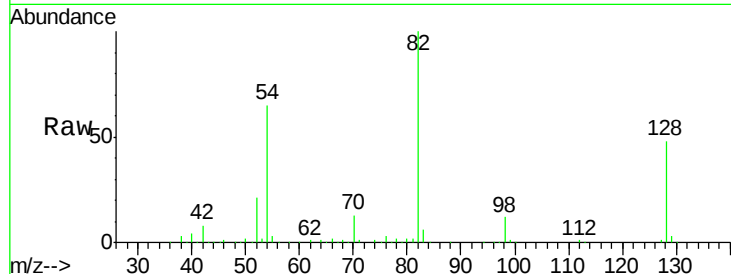




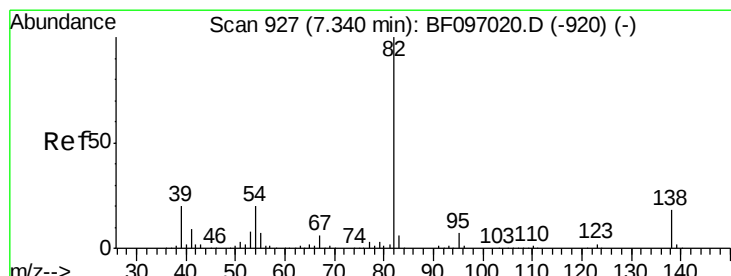
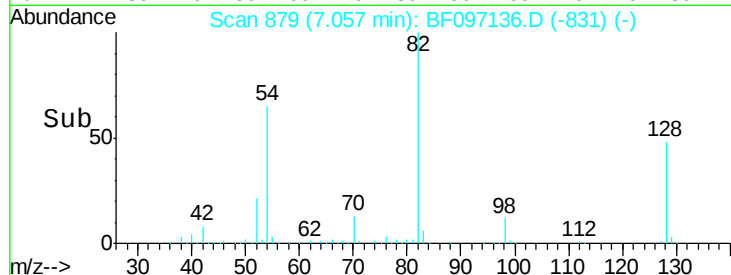
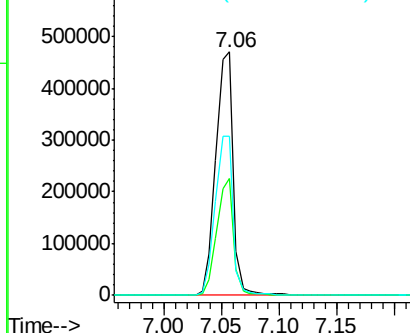
#23
Nitrobenzene-d5
Concen: 60.86 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 497811
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 65.5 42.2 63.2#

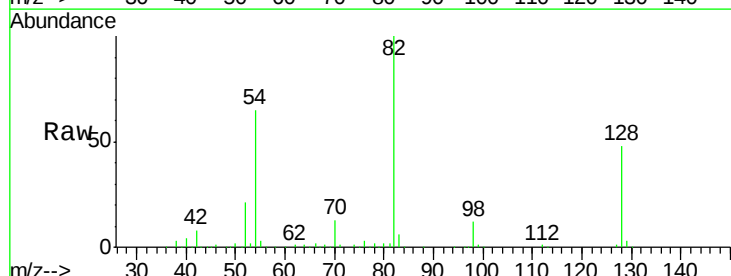


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

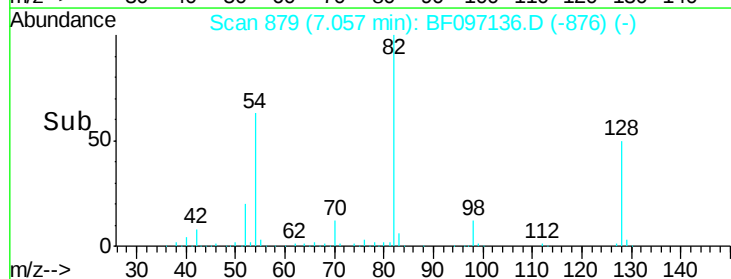
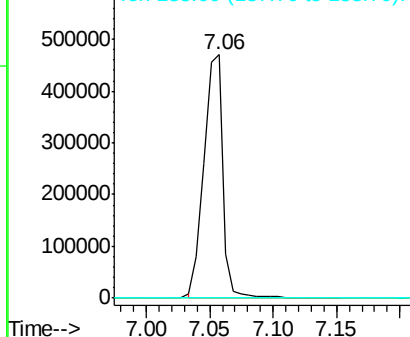


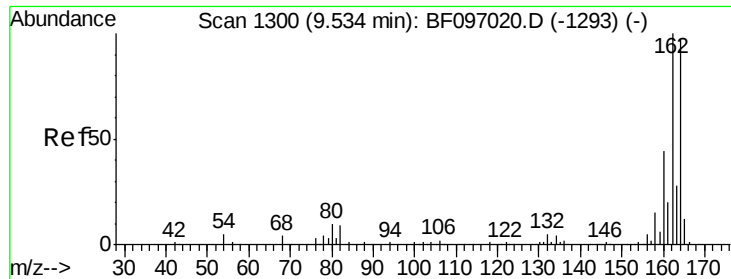
#25
Isophorone
Concen: 30.71 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion: 82 Resp: 491938
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

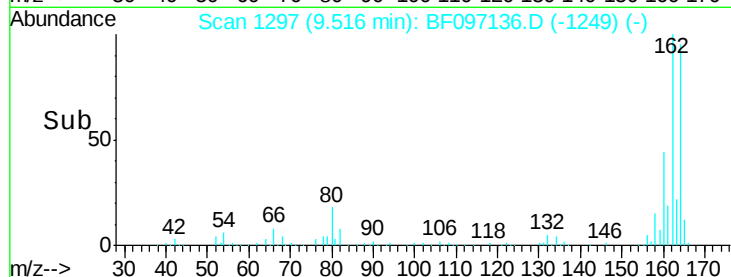
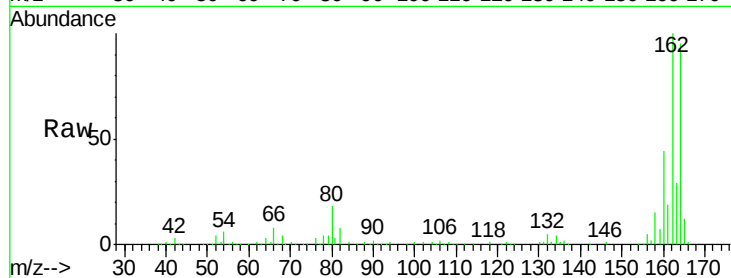
Tot Ion:164 Resp: 184654

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

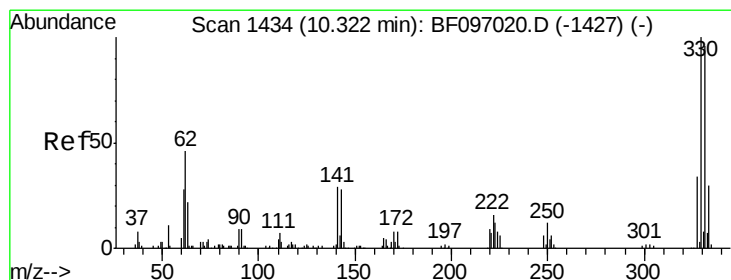
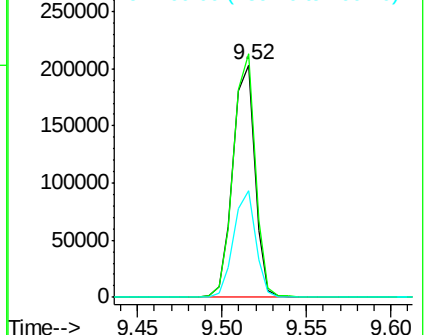
160 45.9 36.2 54.2



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: 102.48 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

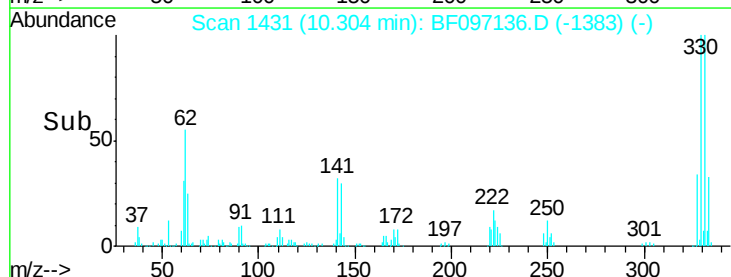
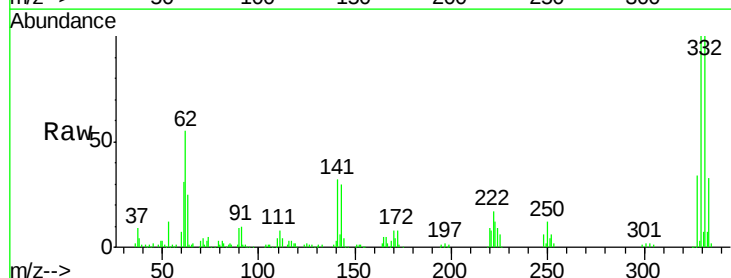
Tgt Ion:330 Resp: 149511

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

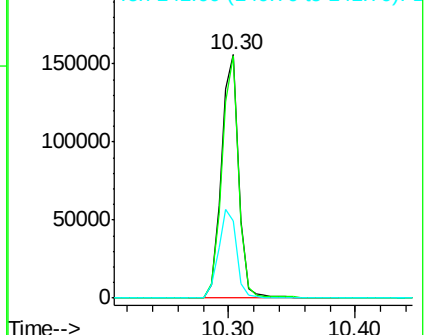
141 38.2 31.4 47.2



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

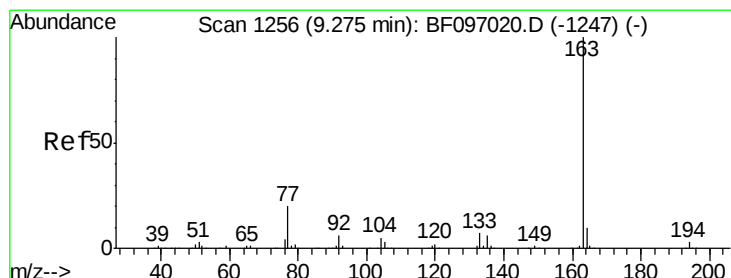
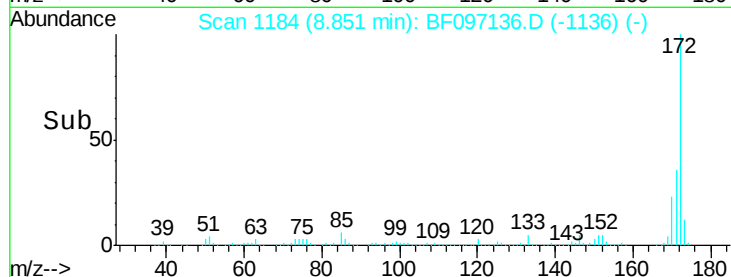
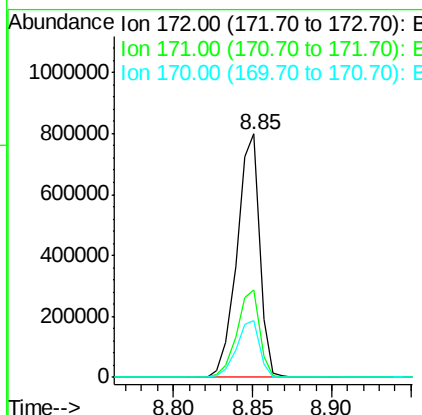
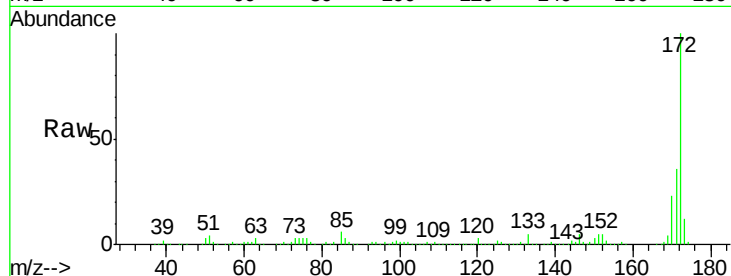




#44
2-Fluorobiphenyl
Concen: 72.76 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

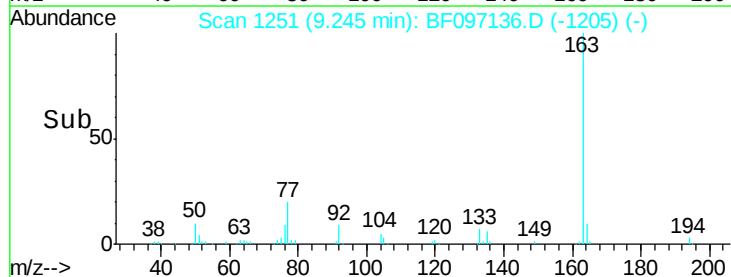
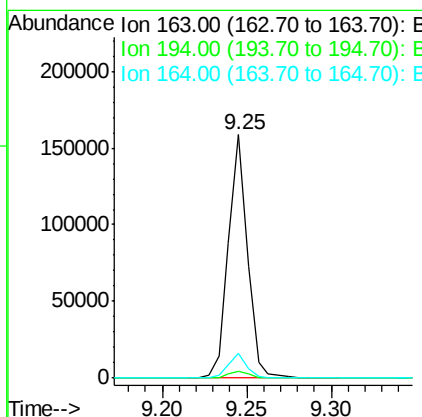
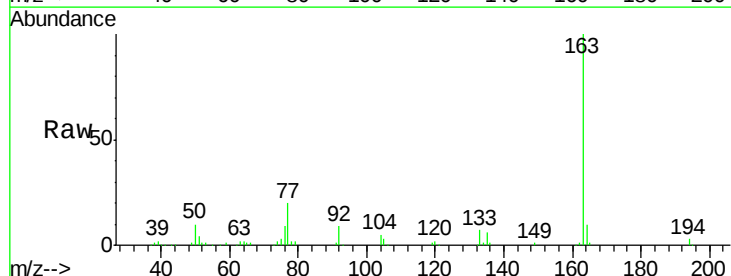
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 791668
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 8.87 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion:163 Resp: 124428
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 8.4 12.6

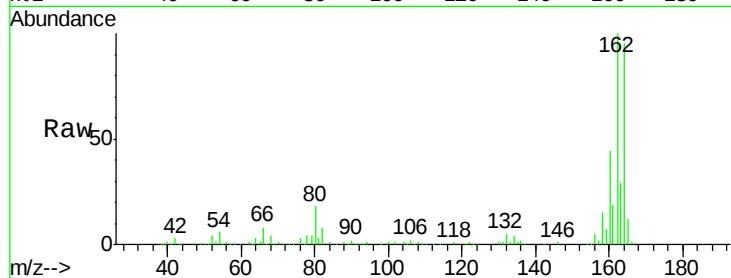




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097136.D
 Acq: 27 Jul 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :

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

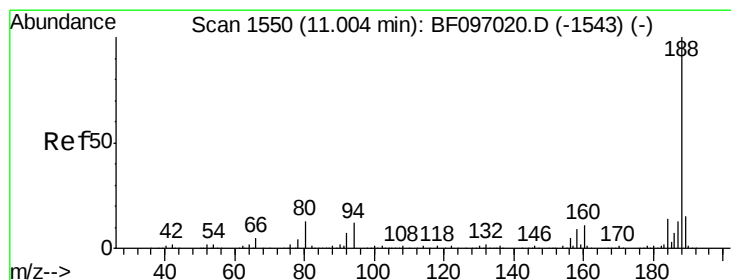
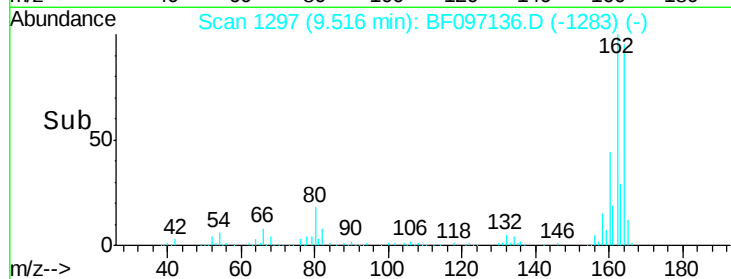
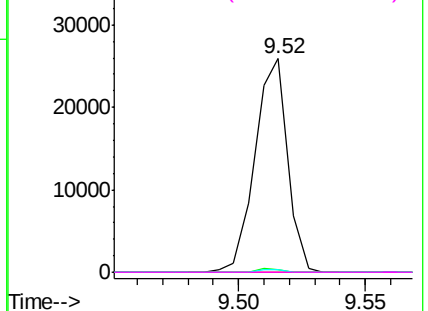


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

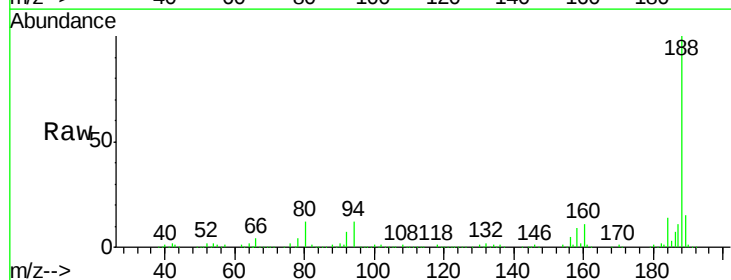
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097136.D
 Acq: 27 Jul 2017 21:37

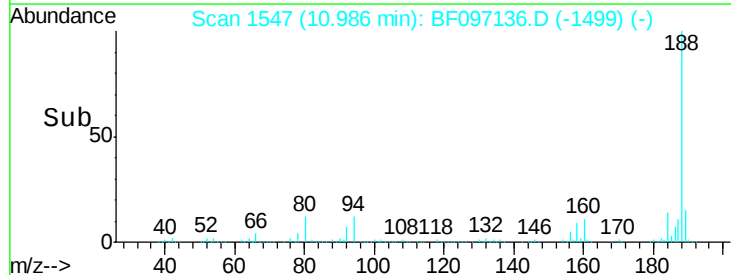
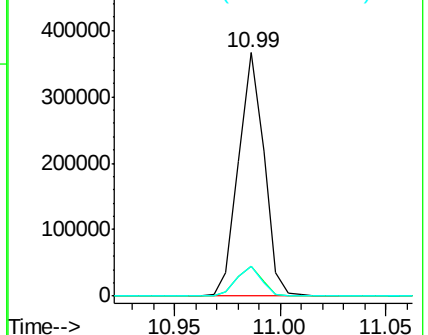
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.2	10.2	15.2



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

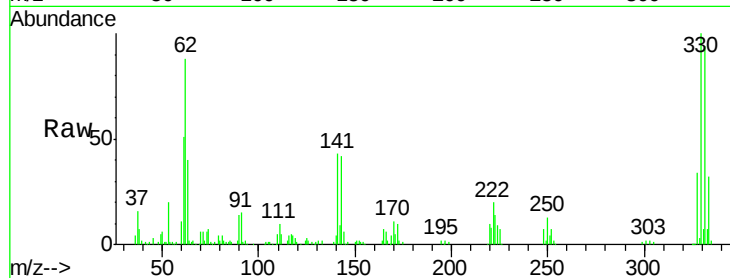




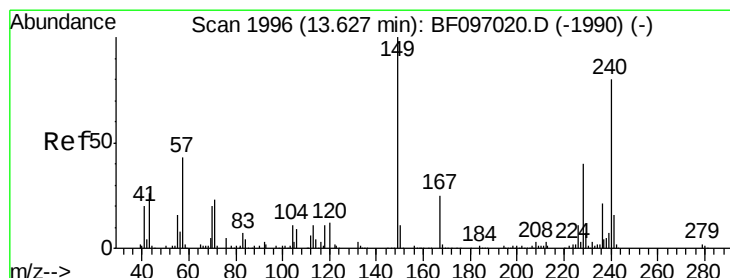
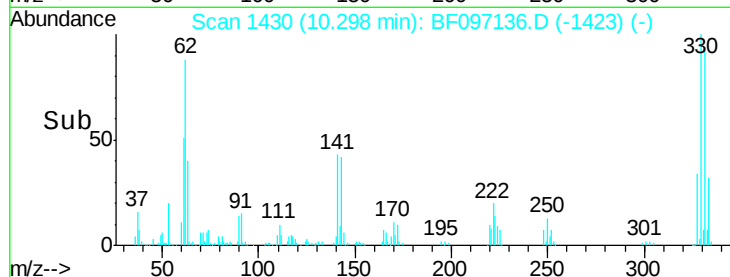
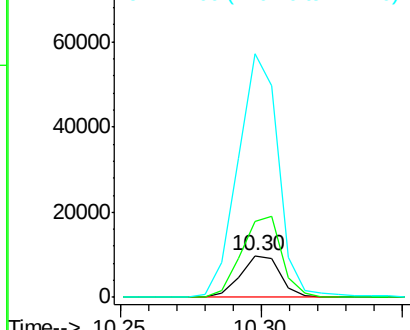
#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9595
Ion Ratio Lower Upper
248 100
250 183.8 76.8 115.2#
141 588.6 68.6 103.0#

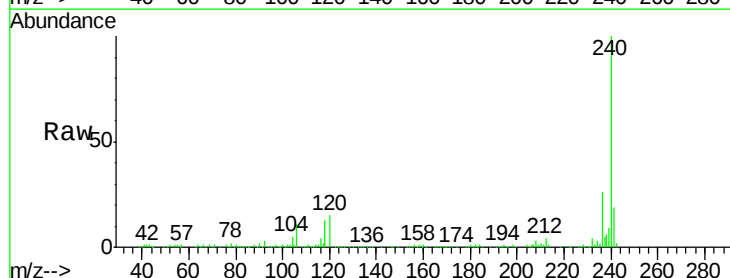


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

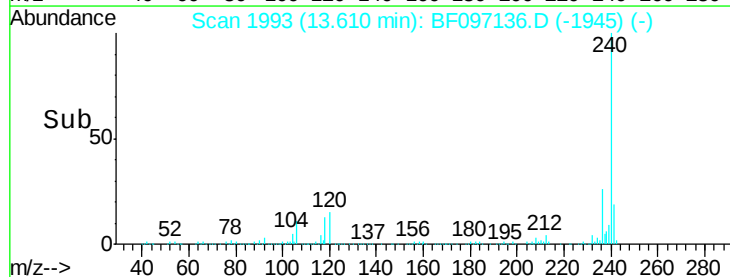
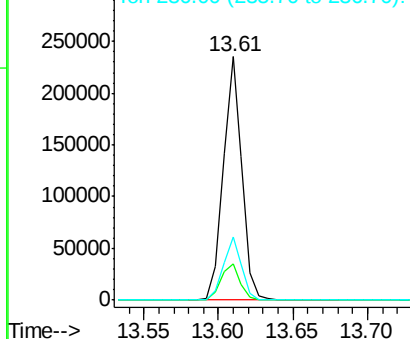


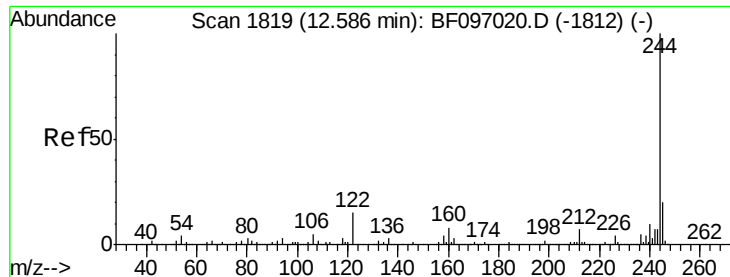
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion:240 Resp: 206599
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.0 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: 57.40 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

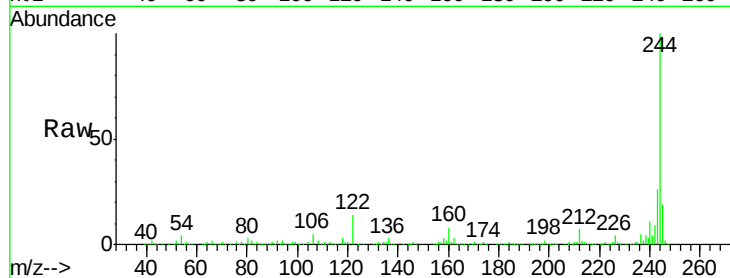
Tot Ion:244 Resp: 581682

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 14.1 10.3 15.5

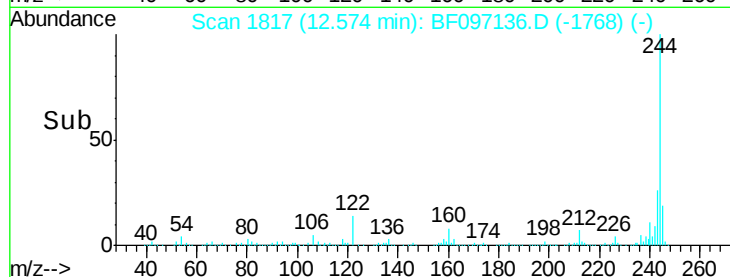


Abundance Ion 244.00 (243.70 to 244.70): E

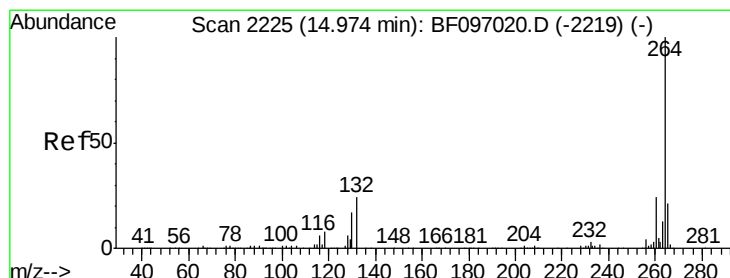
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.57



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

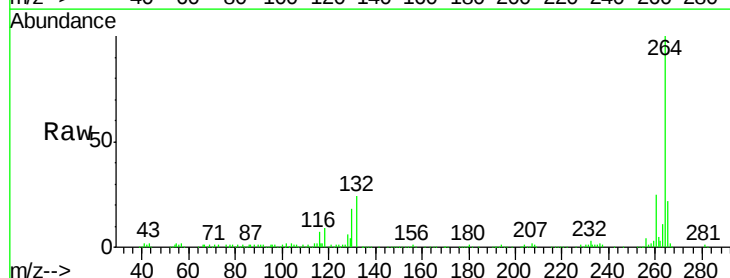
Tgt Ion:264 Resp: 177991

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.5 17.2 25.8

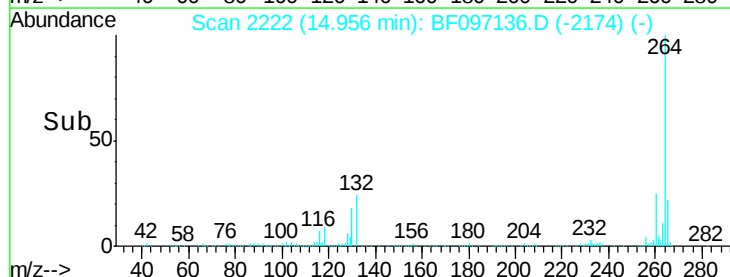


Abundance Ion 264.00 (263.70 to 264.70): E

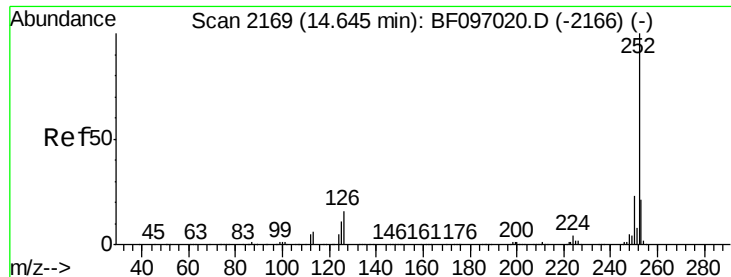
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

14.96



Time-->



#88

Benzo(k)fluoranthene

Concen: 2.09 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.04 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

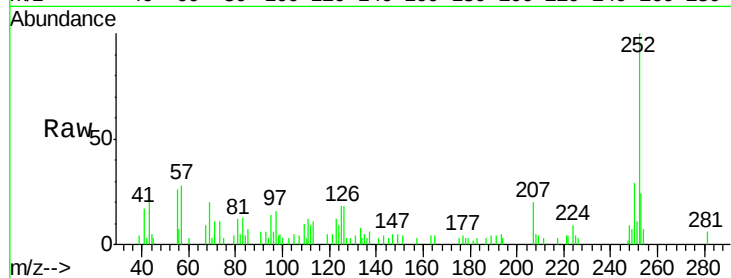
Tot Ion:252 Resp: 21304

Ion Ratio Lower Upper

252 100

253 24.4 18.4 27.6

125 17.7 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

