

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097044.D
 Acq On : 25 Jul 2017 22:16
 Operator : SJ/JU
 Sample : I4290-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: Jul 26 01:06:44 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

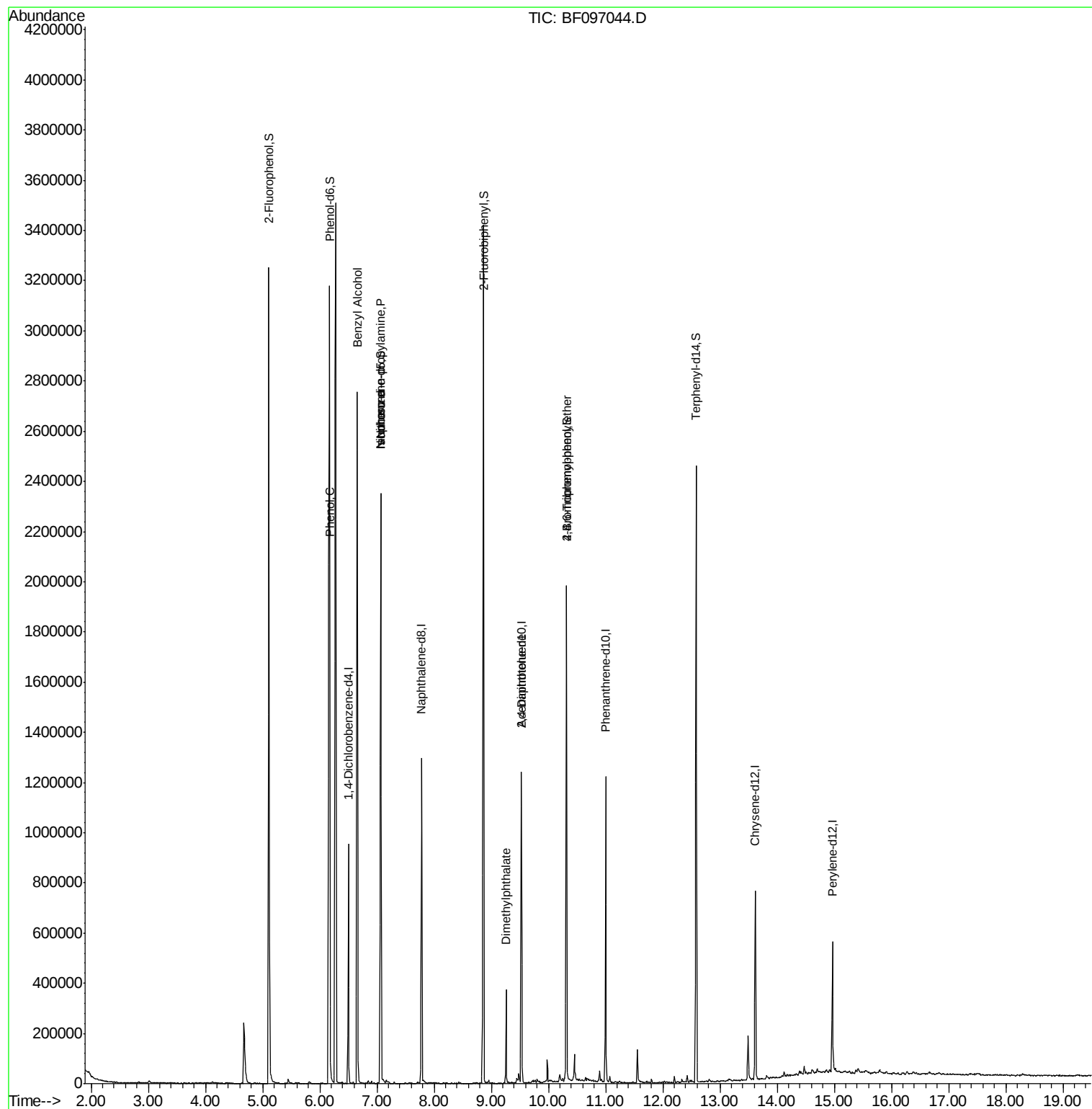
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	138293	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	591685	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	259028	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	411948	20.00	ng	0.00
75) Chrysene-d12	13.62	240	267344	20.00	ng	0.00
86) Perylene-d12	14.97	264	203157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1123945	122.52	ng	0.01
7) Phenol-d6	6.17	99	1390522	132.77	ng	0.00
23) Nitrobenzene-d5	7.07	82	843516	83.63	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	249882	122.10	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1287276	84.34	ng	0.00
78) Terphenyl-d14	12.59	244	848879	64.74	ng	0.00
Target Compounds						
10) Phenol	6.18	94	57070	4.59	ng	Qvalue 90
15) Benzyl Alcohol	6.66	79	16592	2.50	ng	# 37
19) n-Nitroso-di-n-propylamine	7.07	70	113671	16.49	ng	# 88
25) Isophorone	7.07	82	826587	41.85	ng	# 67
49) Dimethylphthalate	9.26	163	134886	6.86	ng	99
56) 2,4-Dinitrotoluene	9.52	165	32660	6.81	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	16085	3.91	ng	# 1

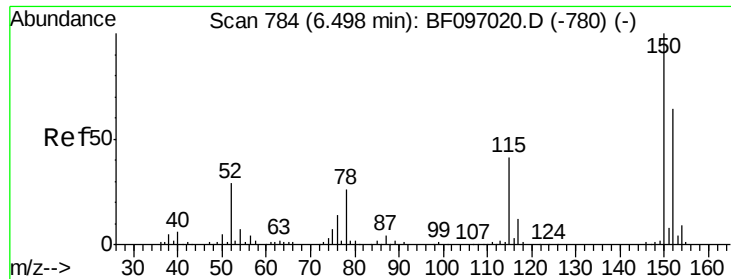
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

S-3

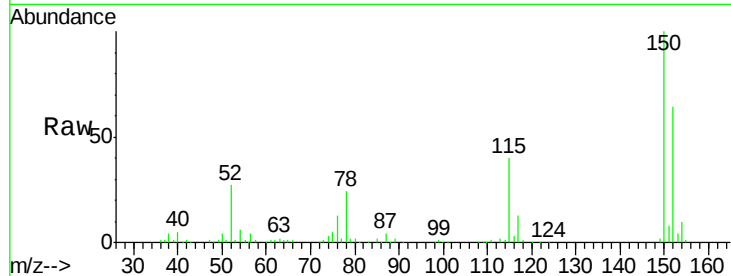
Tot Ion:152 Resp: 138293

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

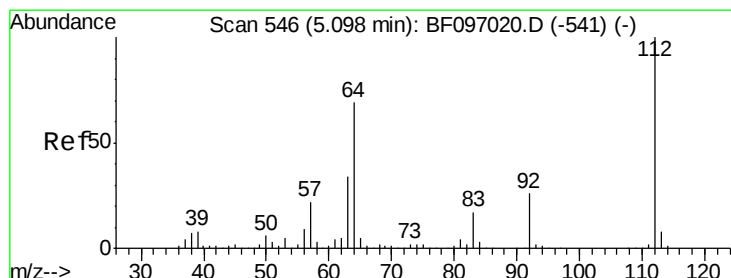
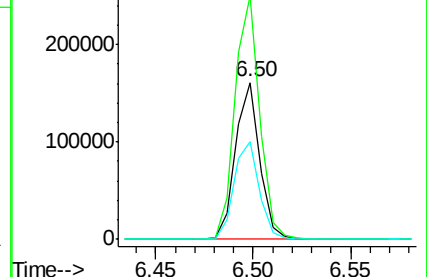
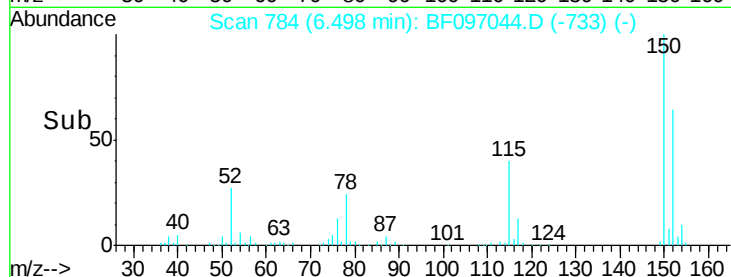
115 62.4 52.2 78.2



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: 122.52 ng

RT: 5.11 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

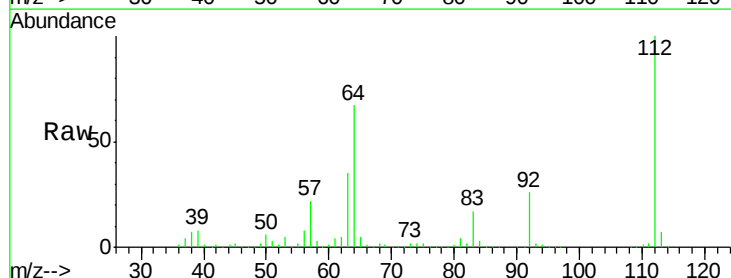
Tgt Ion:112 Resp: 1123945

Ion Ratio Lower Upper

112 100

64 67.4 46.0 69.0

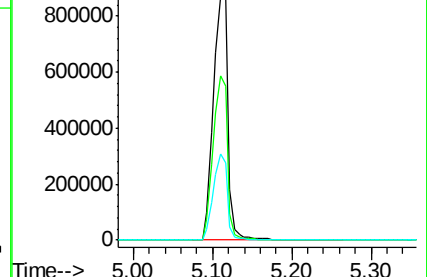
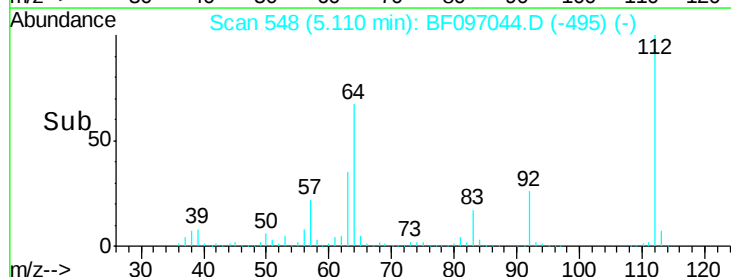
63 35.3 23.4 35.0#

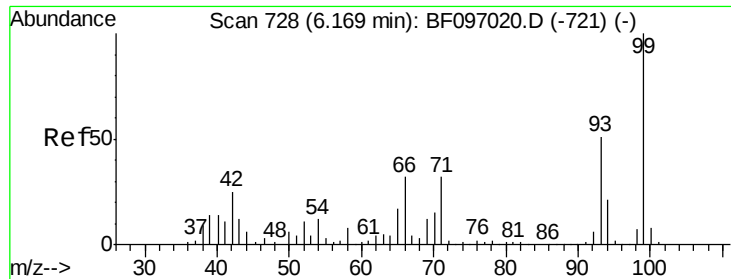


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.77 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

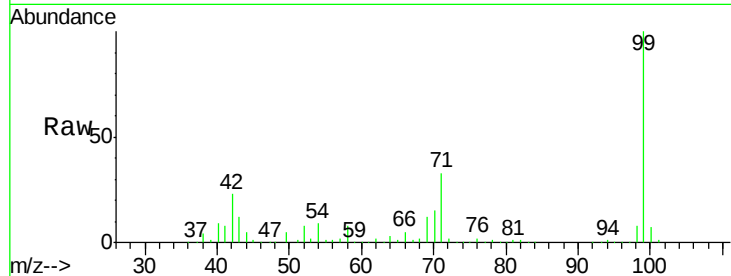
BNA_F

ClientSampleId :

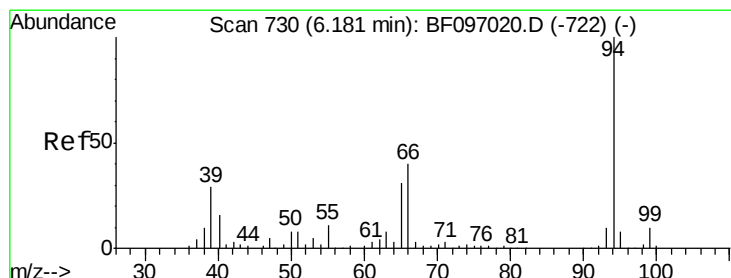
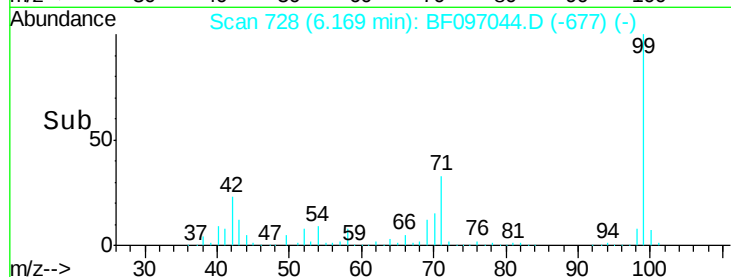
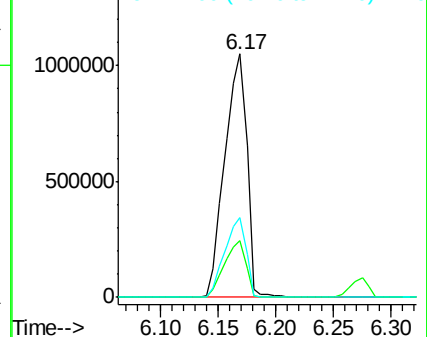
S-3

Tot Ion: 99 Resp: 1390522

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	33.0	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: 4.59 ng

RT: 6.18 min Scan# 730

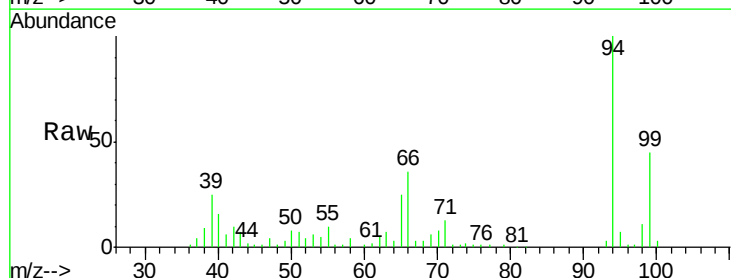
Delta R.T. 0.00 min

Lab File: BF097044.D

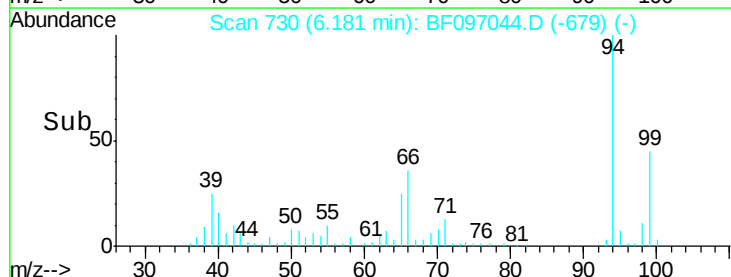
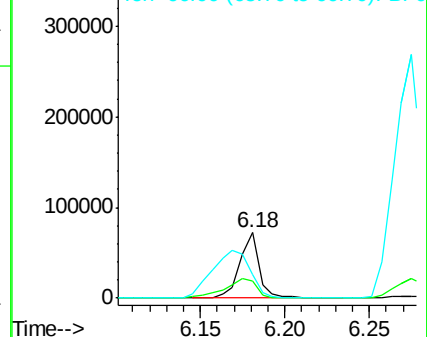
Acq: 25 Jul 2017 22:16

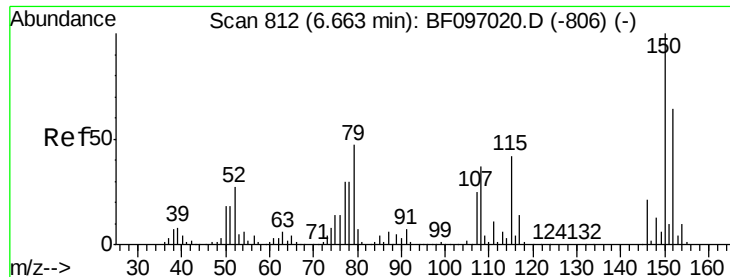
Tgt Ion: 94 Resp: 57070

Ion	Ratio	Lower	Upper
94	100		
65	25.1	9.9	49.9
66	36.0	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

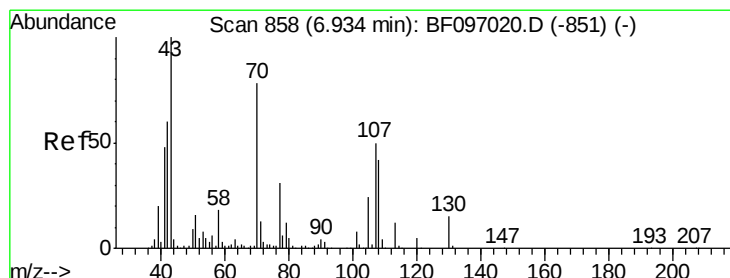
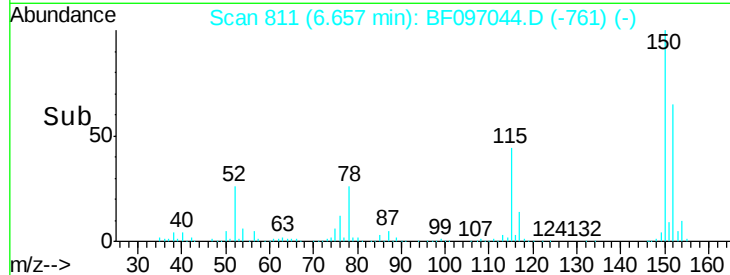
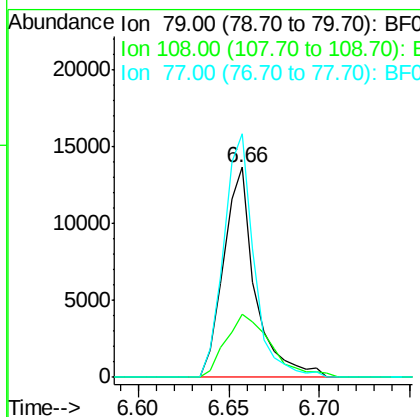
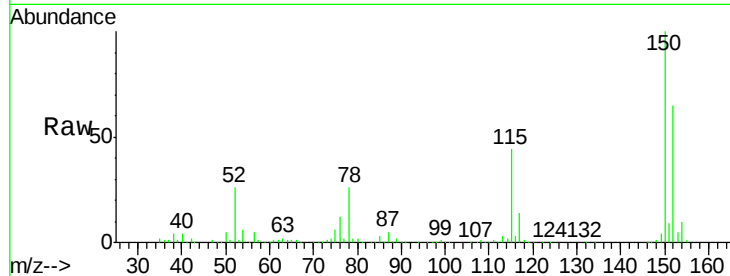




#15
Benzyl Alcohol
Concen: 2.50 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

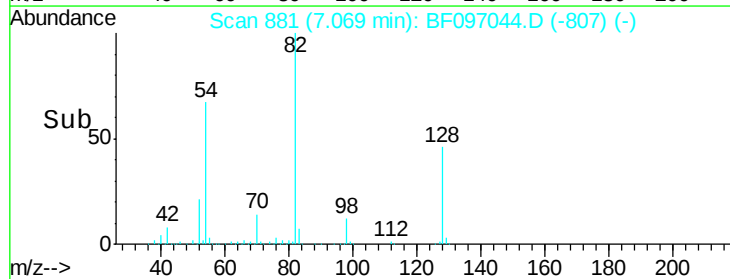
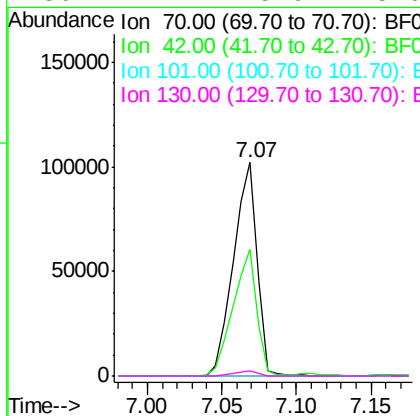
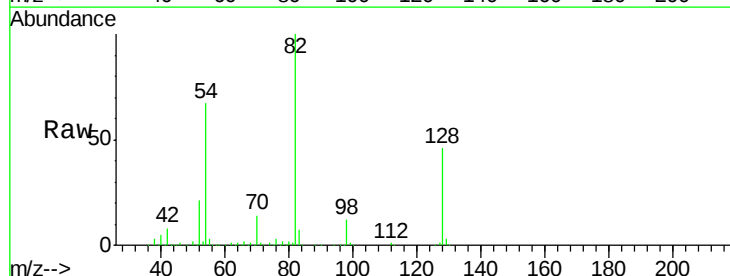
Instrument :
BNA_F
ClientSampled :
S-3

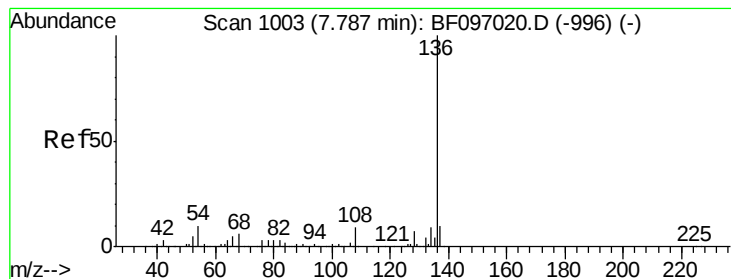
Tot Ion: 79 Resp: 16592
Ion Ratio Lower Upper
79 100
108 30.2 63.4 95.0#
77 116.0 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.49 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Tgt Ion: 70 Resp: 113671
Ion Ratio Lower Upper
70 100
42 59.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampled :

S-3

Tot Ion:136 Resp: 591685

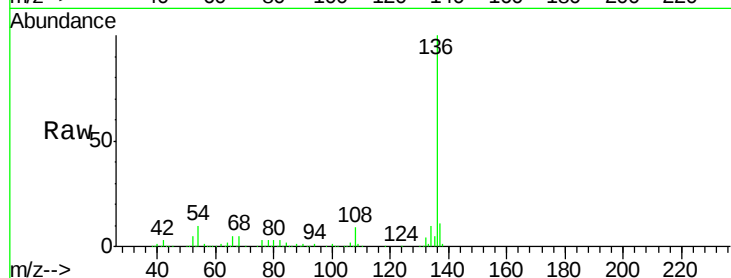
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.0 4.9 7.3#

68 5.0 4.1 6.1

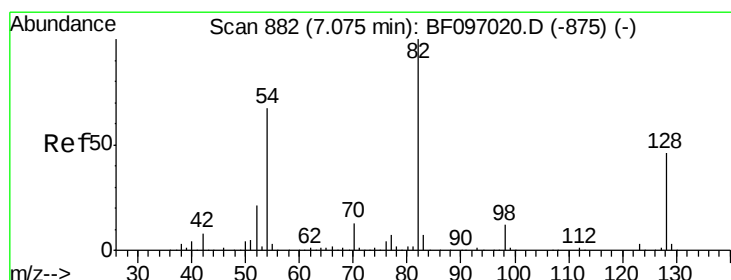
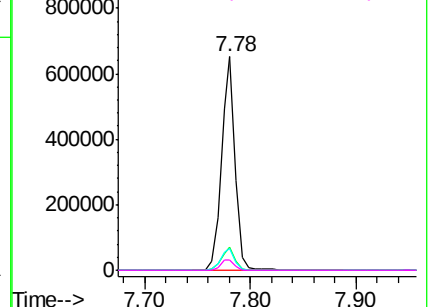
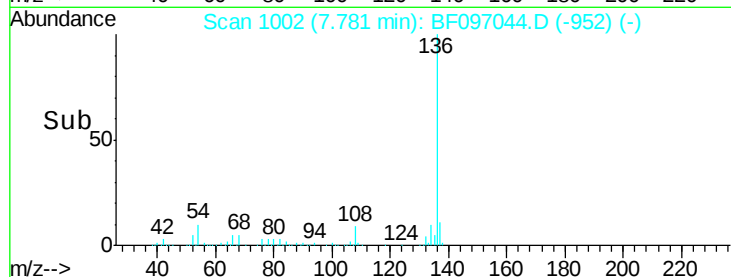


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.63 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

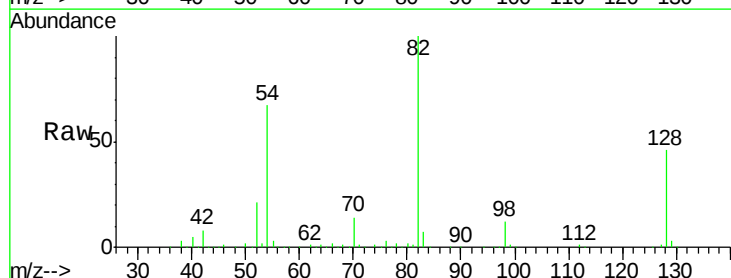
Tgt Ion: 82 Resp: 843516

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

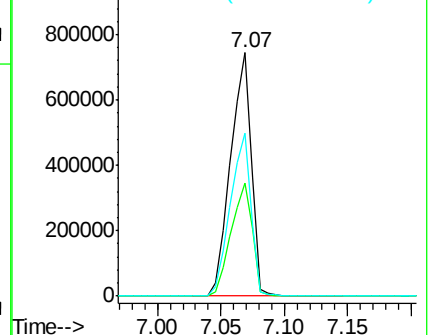
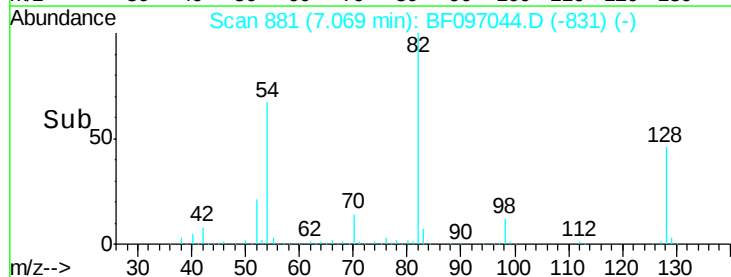
54 66.9 42.2 63.2#

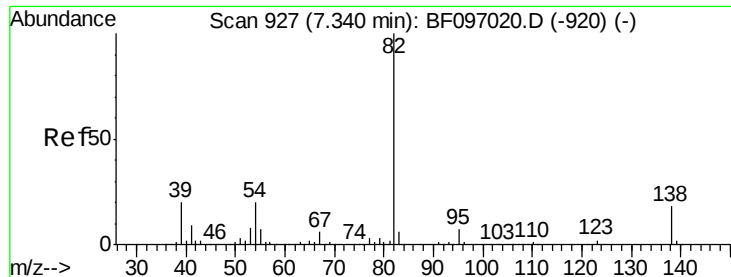


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.85 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampled :

S-3

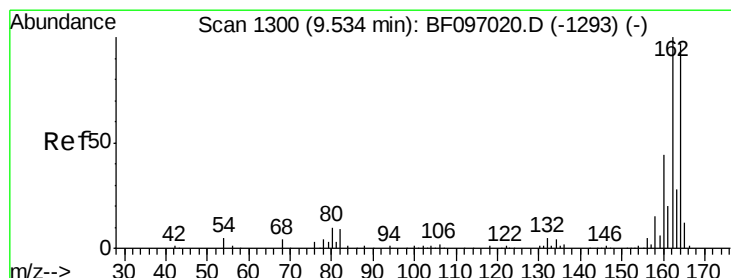
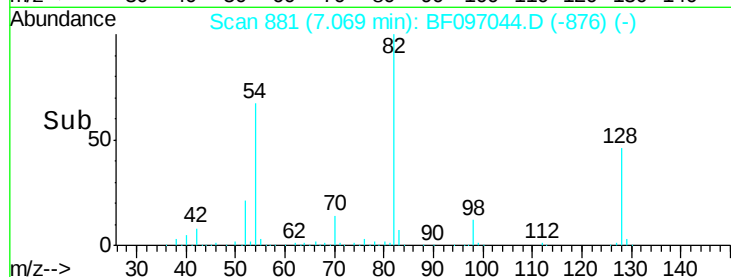
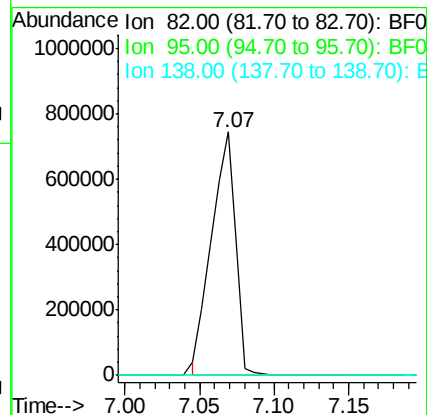
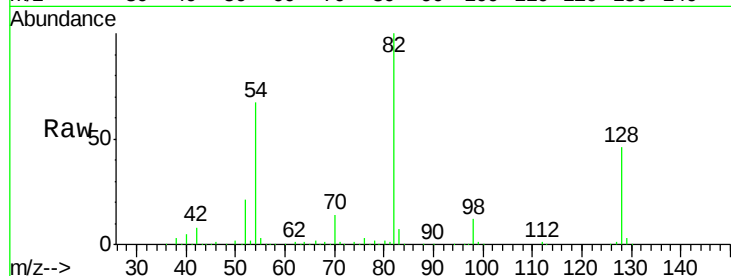
Tot Ion: 82 Resp: 826587

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: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

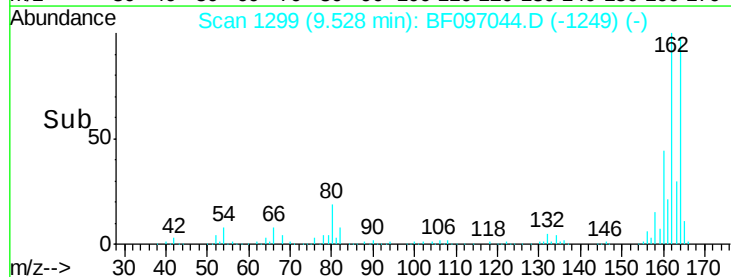
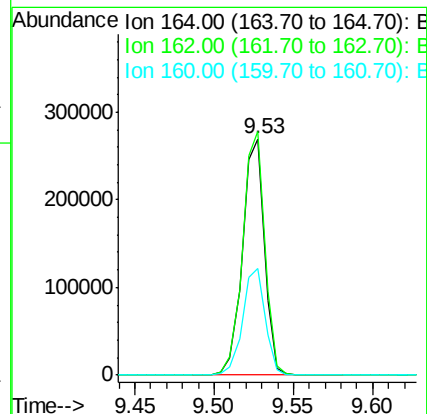
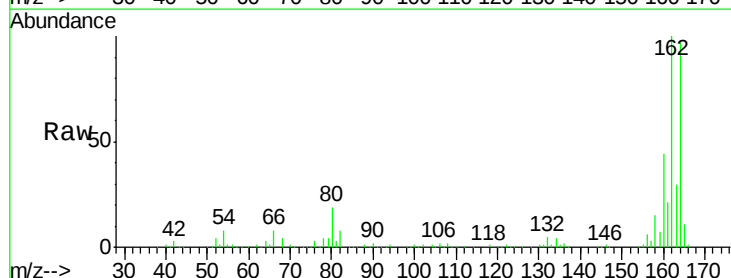
Tgt Ion: 164 Resp: 259028

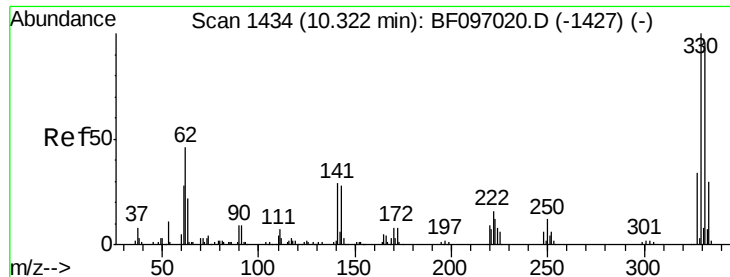
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.2 36.2 54.2

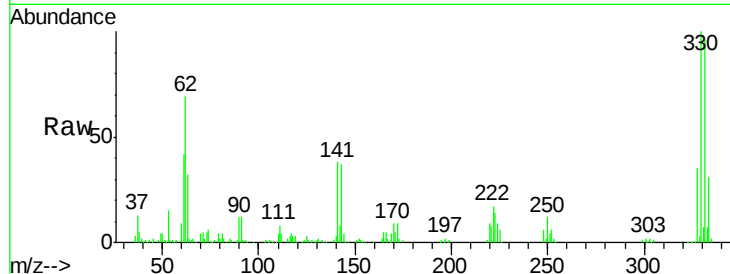




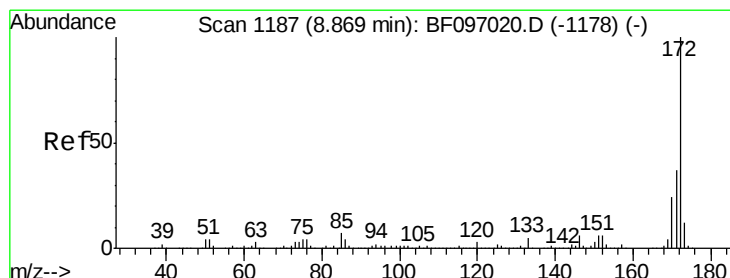
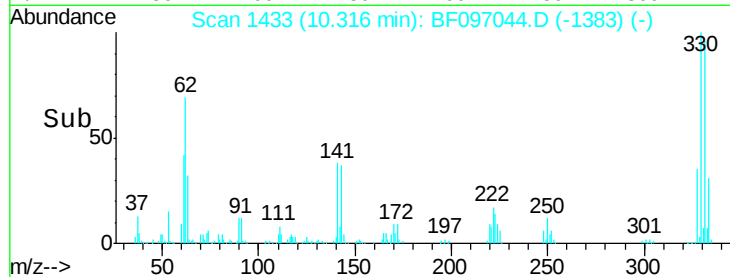
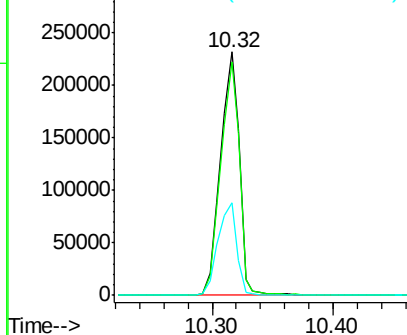
#41
 2,4,6-Tribromophenol
 Concen: 122.10 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 249882
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.3 31.4 47.2

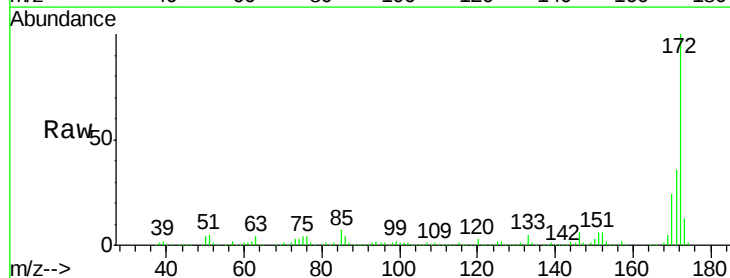


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

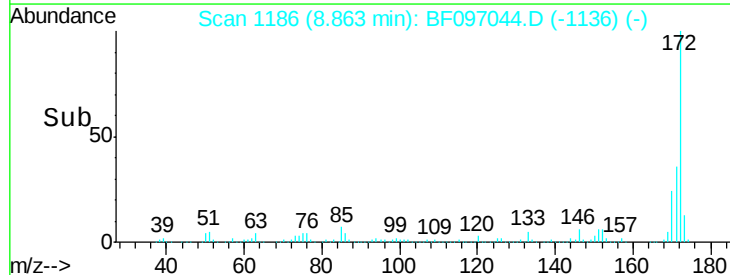
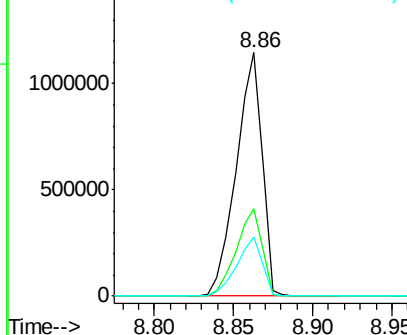


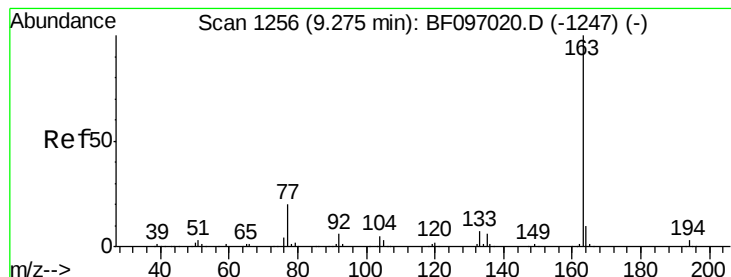
#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Tgt Ion:172 Resp: 1287276
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.4 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: 6.86 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

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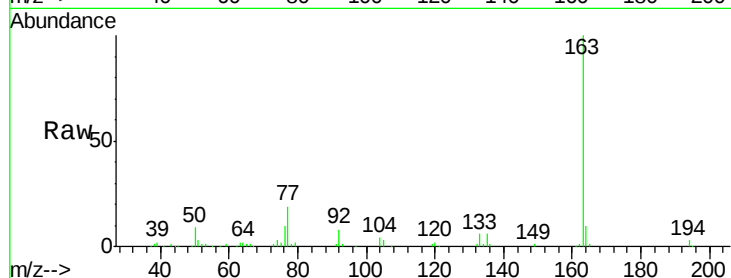
Tot Ion:163 Resp: 134886

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

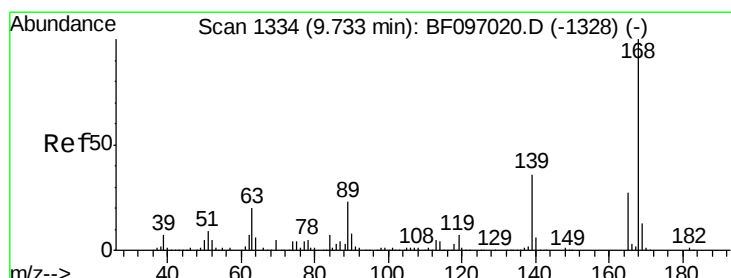
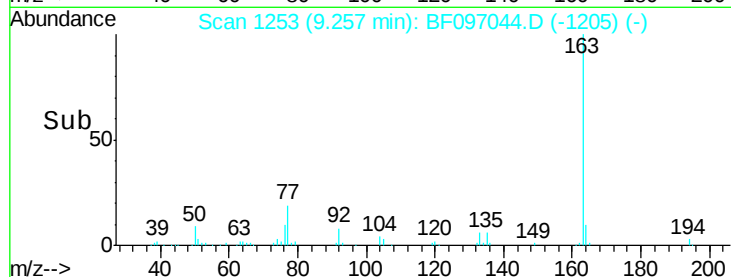
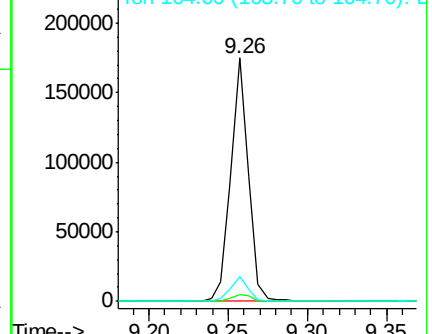
164 10.0 8.4 12.6



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: 6.81 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Tgt Ion:165 Resp: 32660

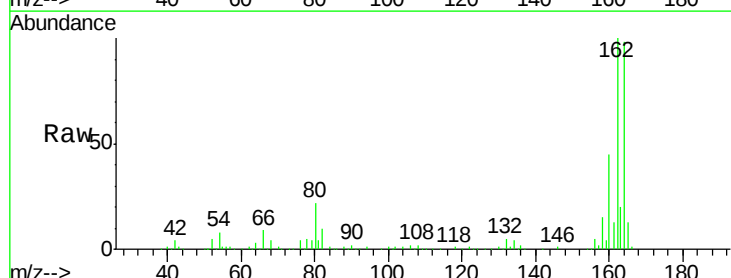
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

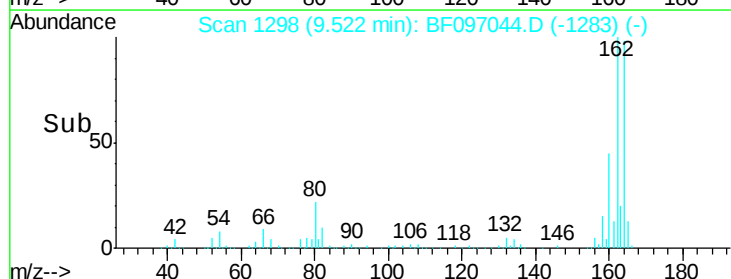
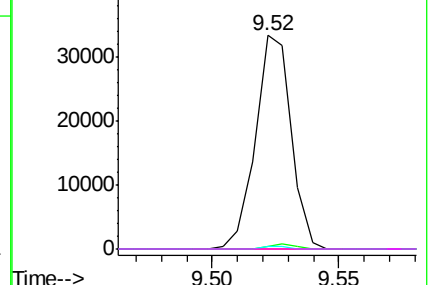


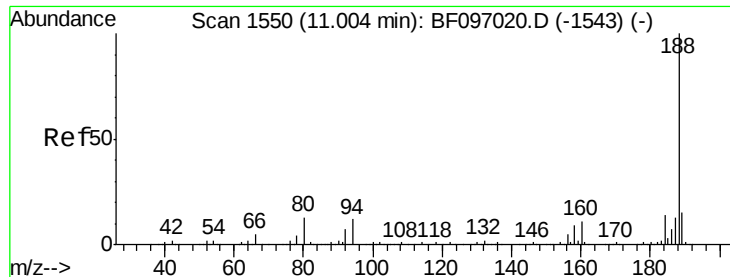
Abundance Ion 165.00 (164.70 to 165.70): E

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

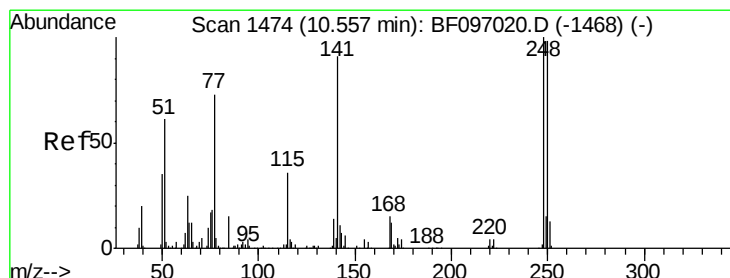
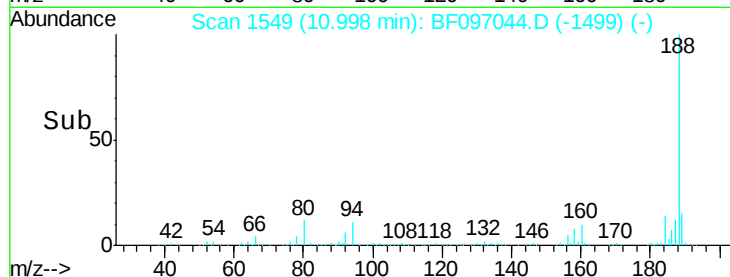
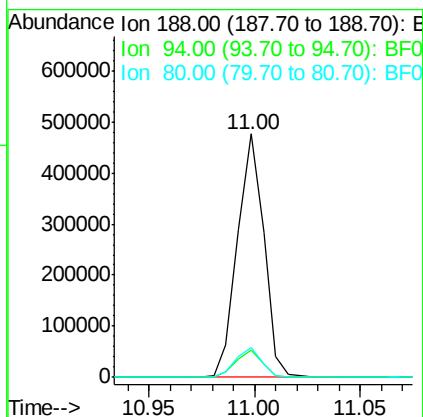
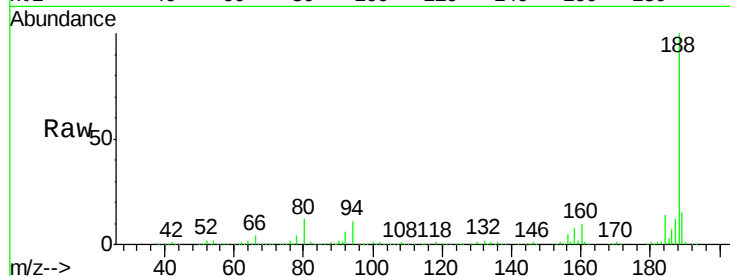




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

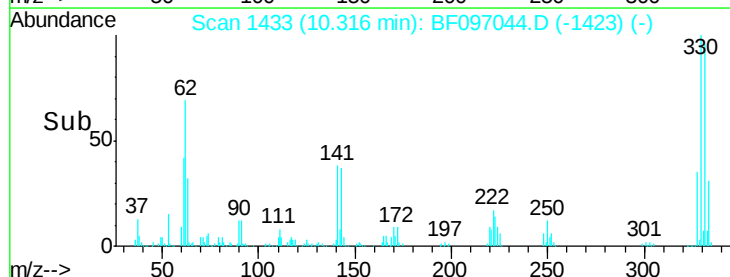
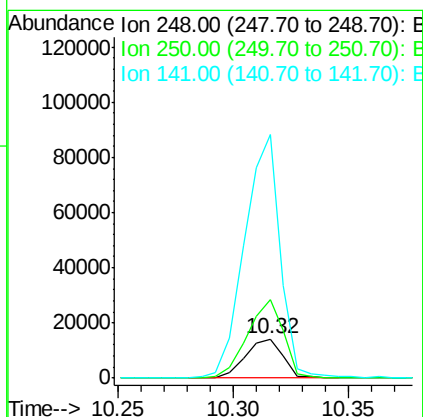
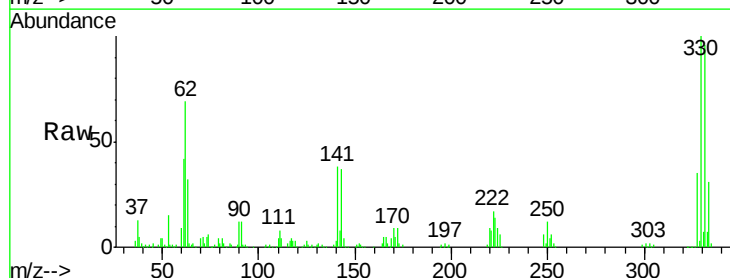
Instrument :
BNA_F
ClientSampleId :
S-3

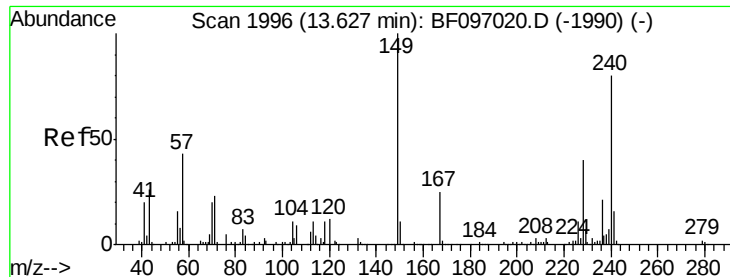
Tot Ion:188 Resp: 411948
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.0 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097044.D
Acq: 25 Jul 2017 22:16

Tgt Ion:248 Resp: 16085
Ion Ratio Lower Upper
248 100
250 203.3 76.8 115.2#
141 626.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

S-3

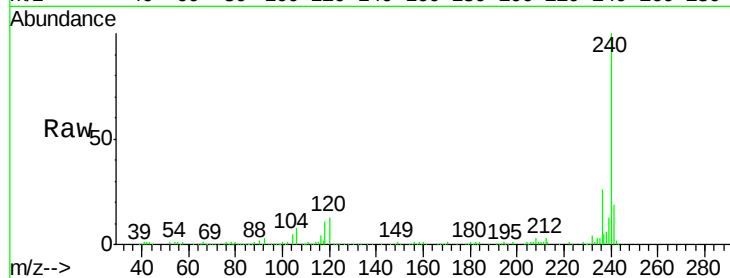
Tot Ion:240 Resp: 267344

Ion Ratio Lower Upper

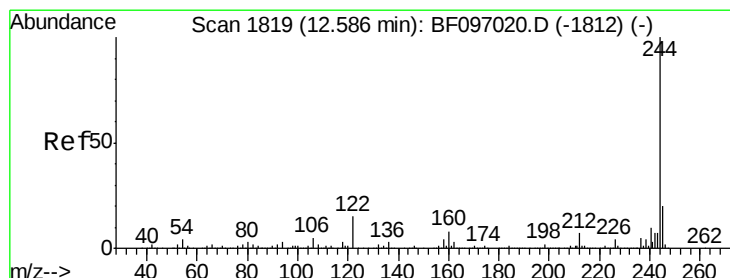
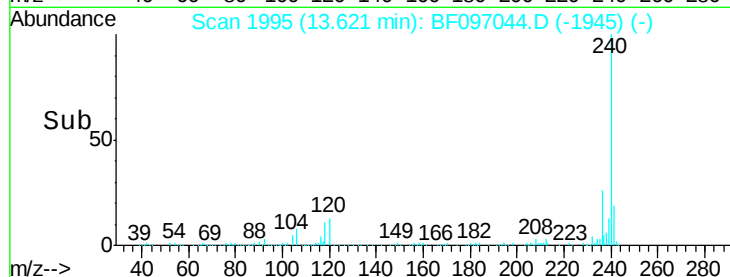
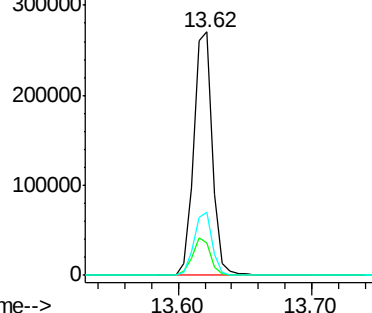
240 100

120 13.5 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: 64.74 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097044.D

Acq: 25 Jul 2017 22:16

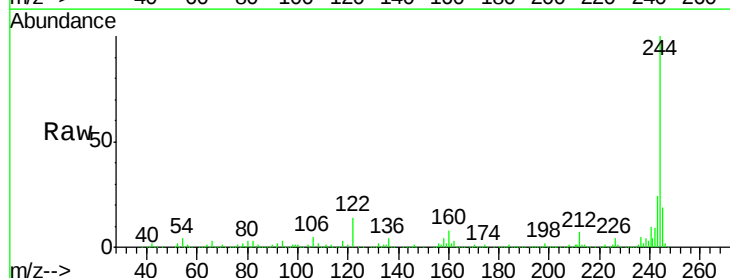
Tgt Ion:244 Resp: 848879

Ion Ratio Lower Upper

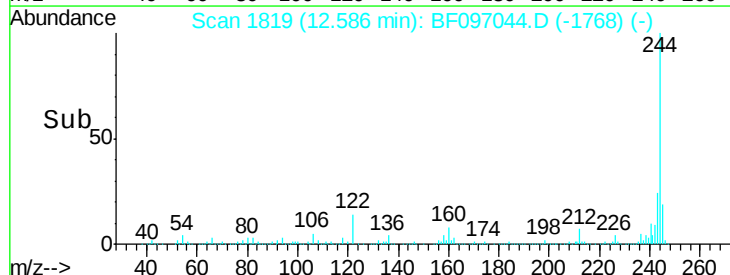
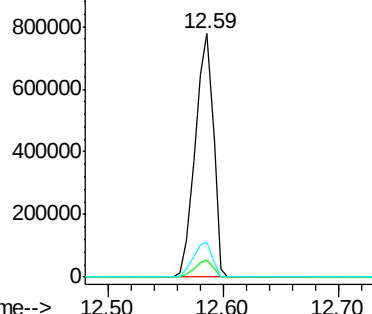
244 100

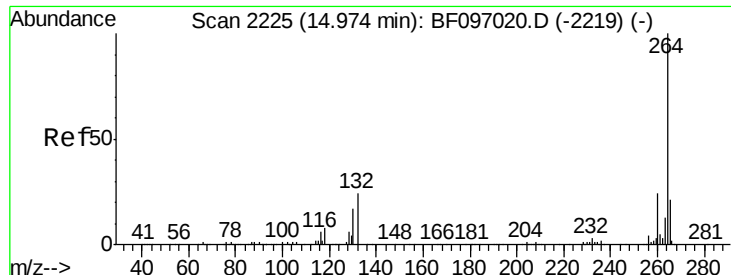
212 7.1 6.0 9.0

122 14.2 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: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097044.D
 Acq: 25 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8

