

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097438.D
 Acq On : 7 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4623-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BN

Quant Time: Aug 08 04:48:05 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

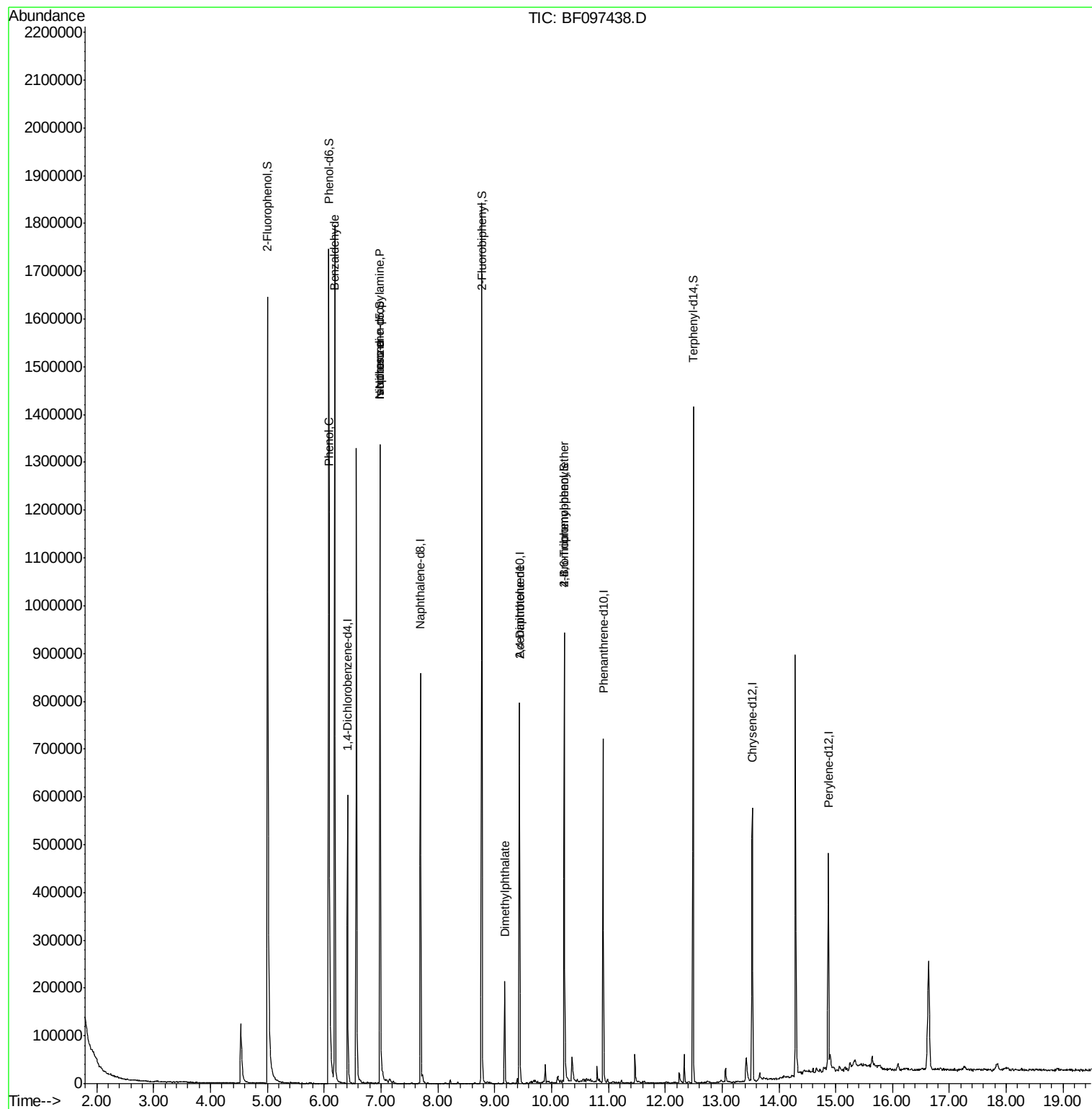
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	88195	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	375803	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	152917	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	241120	20.00	ng	0.00
75) Chrysene-d12	13.53	240	201863	20.00	ng	0.00
86) Perylene-d12	14.87	264	178375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	598245	102.26	ng	0.00
7) Phenol-d6	6.08	99	624279	93.47	ng	0.00
23) Nitrobenzene-d5	6.98	82	411836	64.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	107887	89.30	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	628791	69.78	ng	0.00
78) Terphenyl-d14	12.49	244	420120	42.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.19	77	9798	2.48	ng	85
10) Phenol	6.09	94	23786	3.00	ng	# 59
19) n-Nitroso-di-n-propylamine	6.98	70	54565	12.41	ng	# 85
25) Isophorone	6.98	82	411834	32.83	ng	# 67
49) Dimethylphthalate	9.17	163	88459	7.62	ng	99
56) 2,4-Dinitrotoluene	9.43	165	19402	6.85	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	6567	2.73	ng	# 1

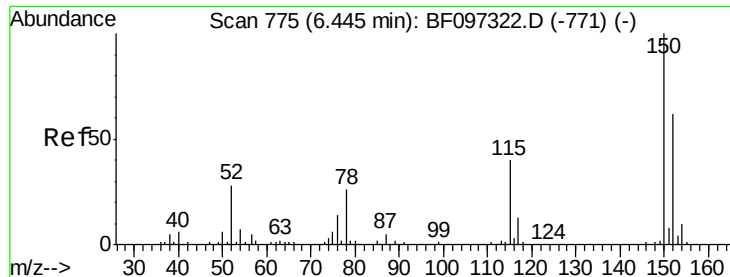
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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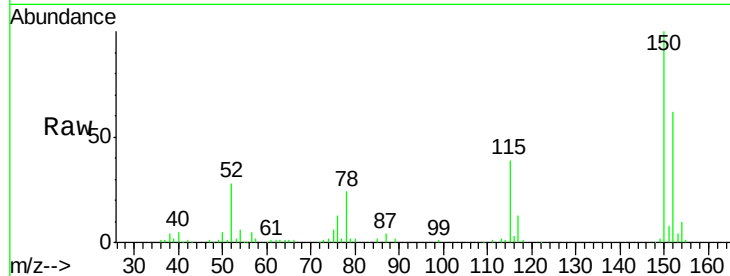


#1

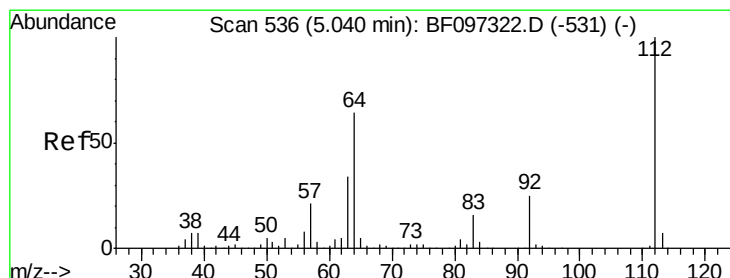
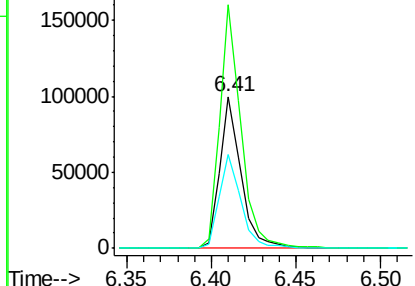
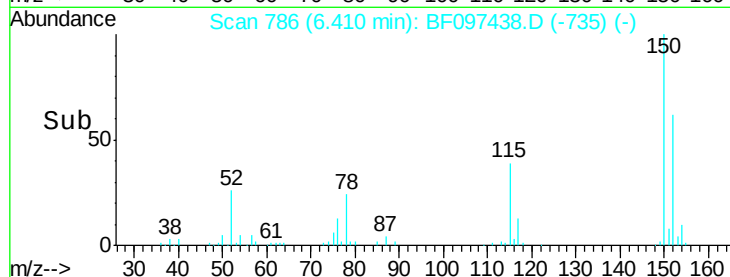
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
TEC-BN

Tot Ion:152 Resp: 88195
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 62.3 52.2 78.2



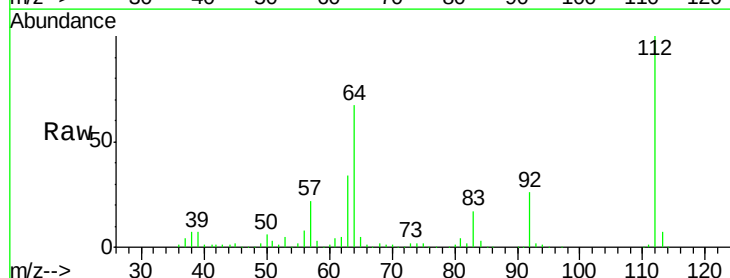
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



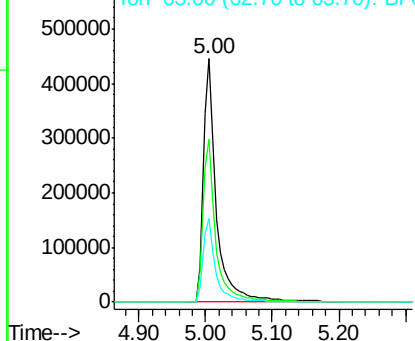
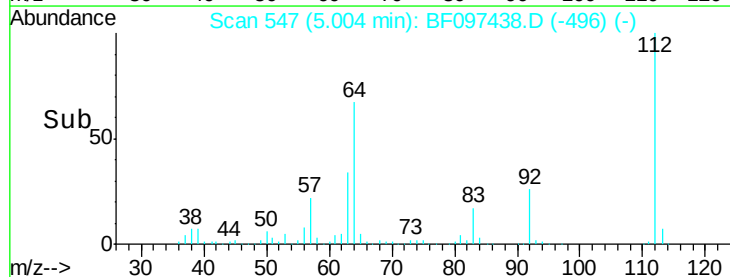
#5

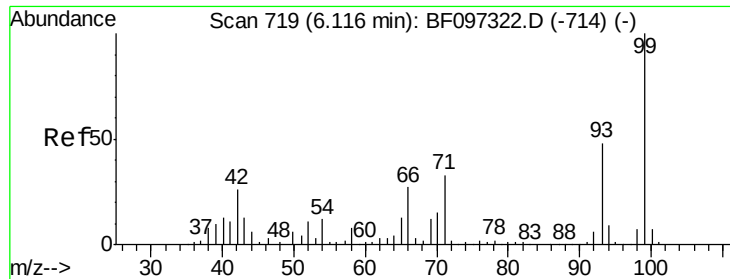
2-Fluorophenol
Concen: 102.26 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Tgt Ion:112 Resp: 598245
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.3 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: 93.47 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

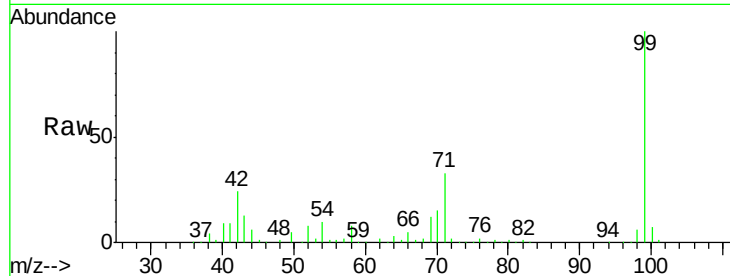
Tot Ion: 99 Resp: 624279

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

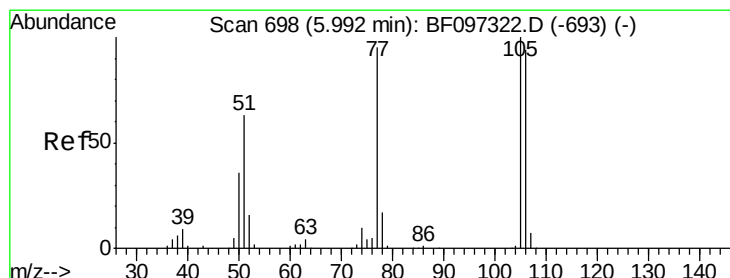
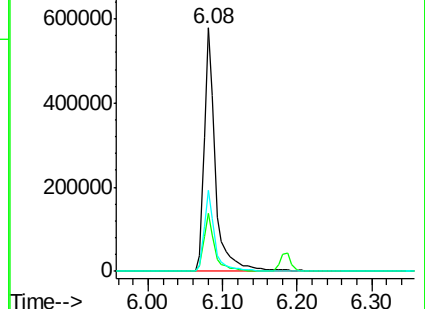
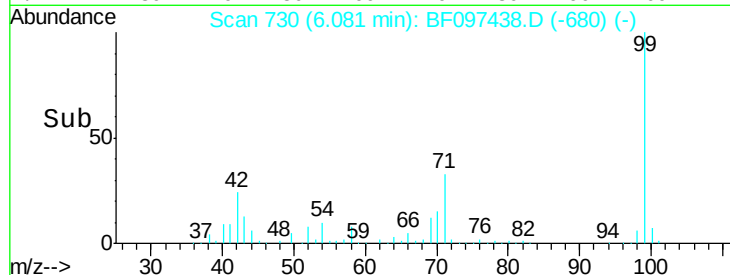
71 33.4 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.48 ng

RT: 6.19 min Scan# 748

Delta R.T. 0.23 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

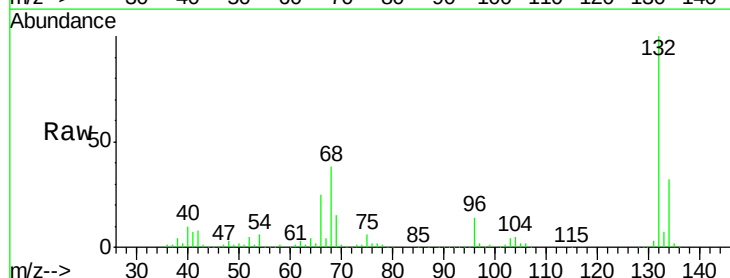
Tgt Ion: 77 Resp: 9798

Ion Ratio Lower Upper

77 100

105 87.6 83.8 123.8

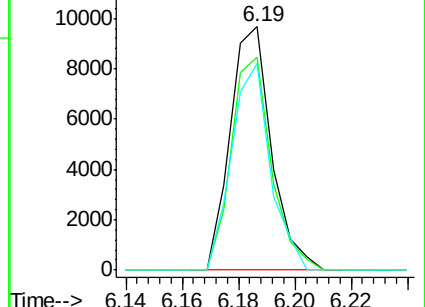
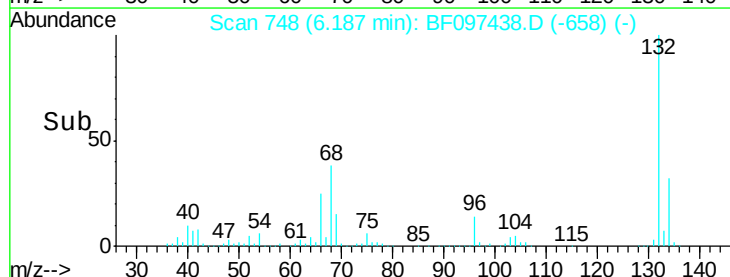
106 85.0 79.1 119.1

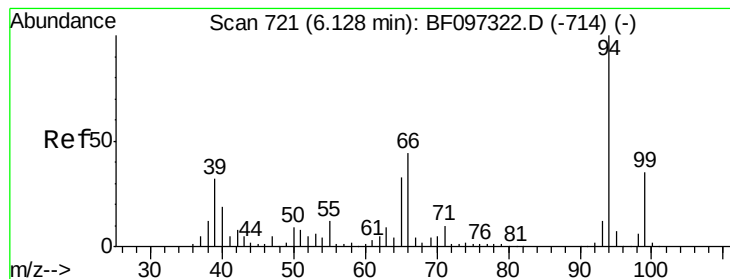


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.00 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

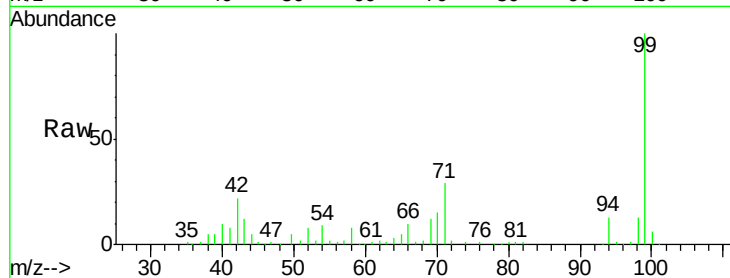
Tot Ion: 94 Resp: 23786

Ion Ratio Lower Upper

94 100

65 41.4 9.9 49.9

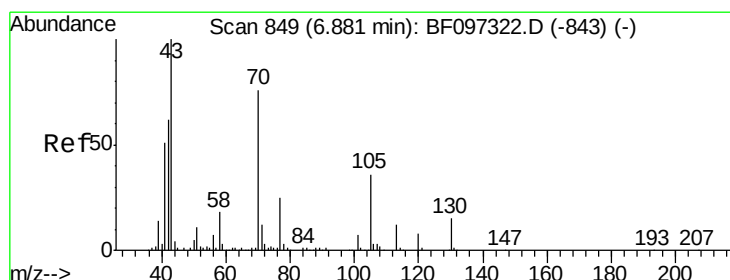
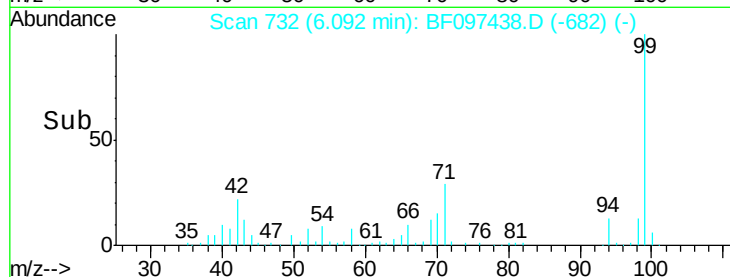
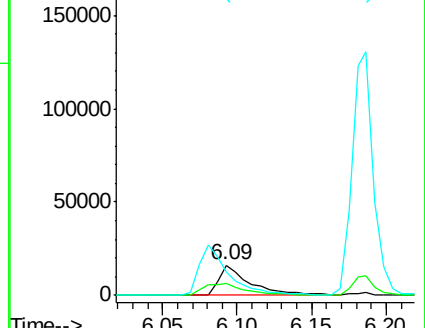
66 78.6 23.1 63.1#



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: 12.41 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Tgt Ion: 70 Resp: 54565

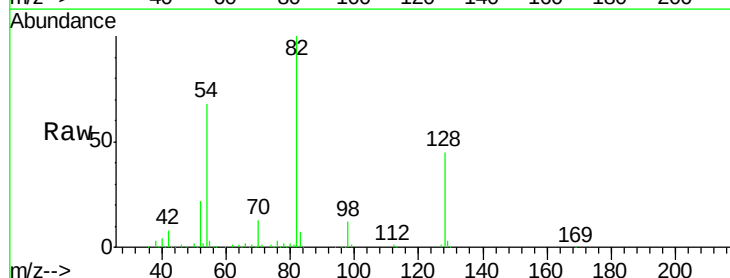
Ion Ratio Lower Upper

70 100

42 62.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

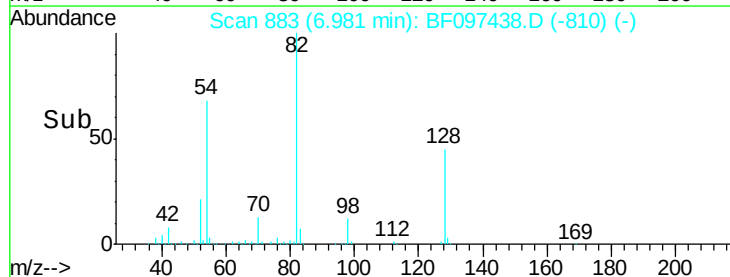
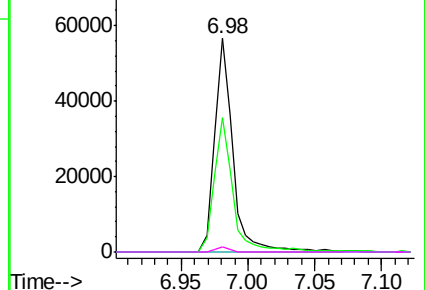


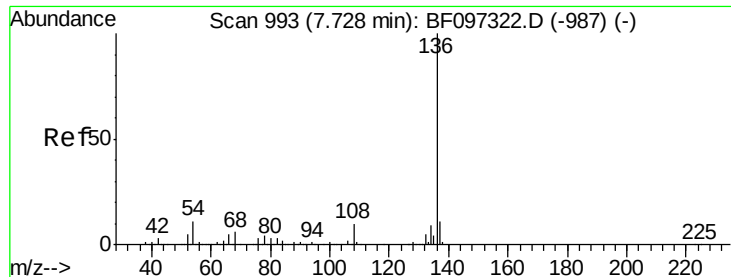
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

Tot Ion:136 Resp: 375803

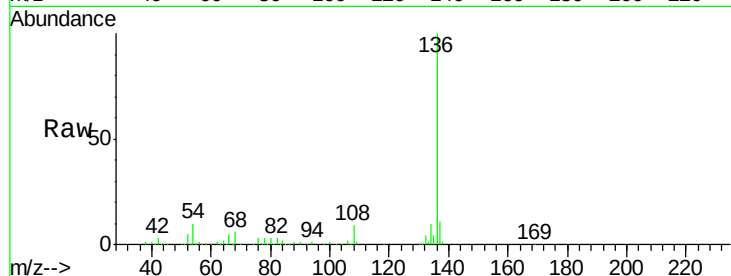
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.1 4.9 7.3#

68 5.6 4.1 6.1

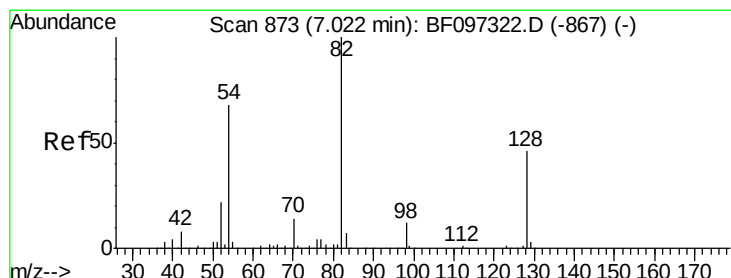
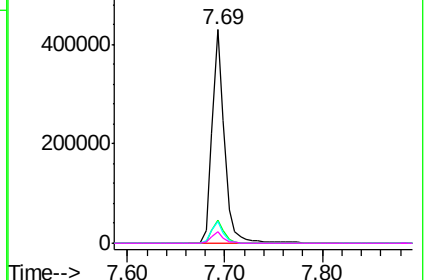
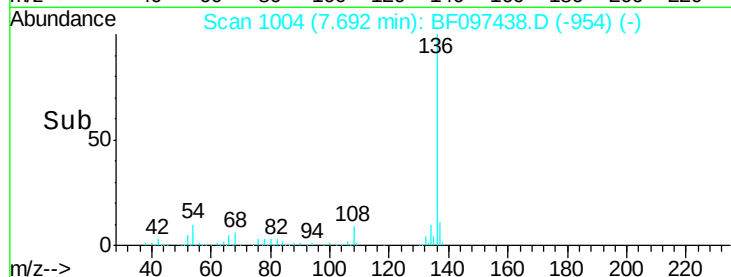


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.29 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

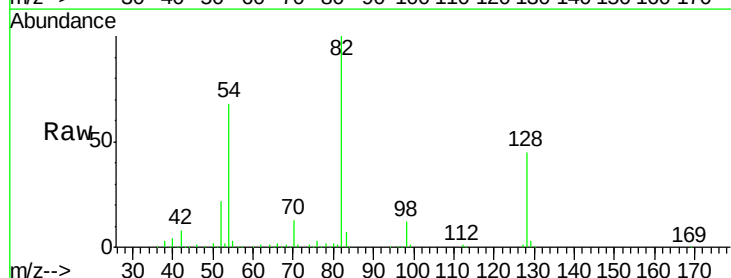
Tgt Ion: 82 Resp: 411836

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

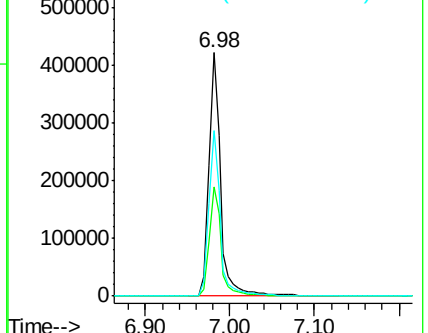
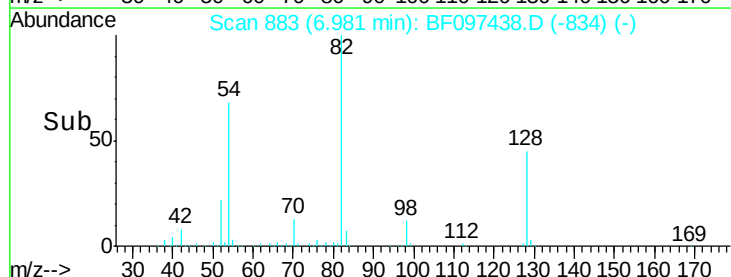
54 68.1 42.2 63.2#

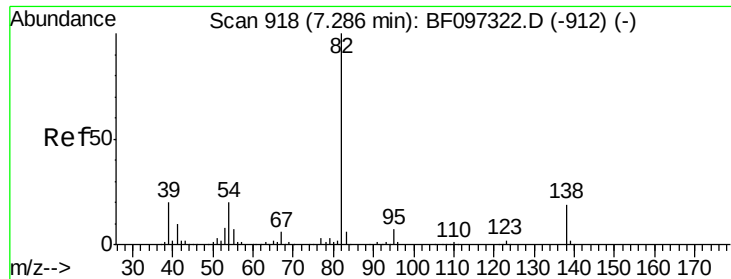


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.83 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

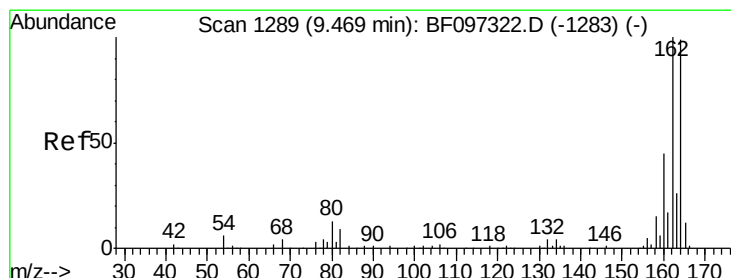
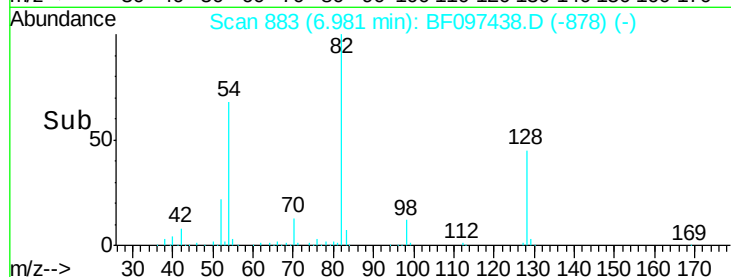
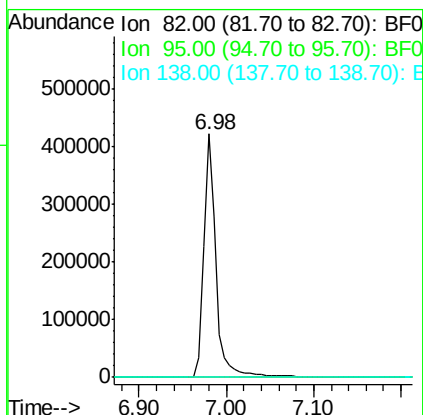
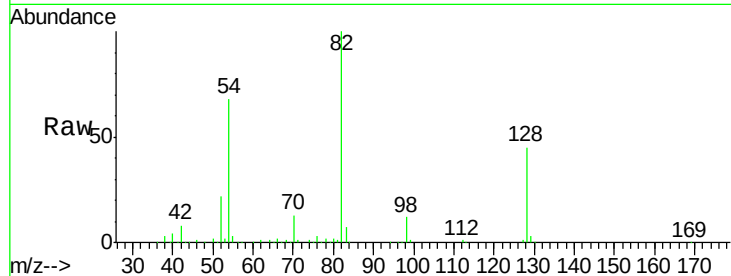
Tot Ion: 82 Resp: 411834

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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

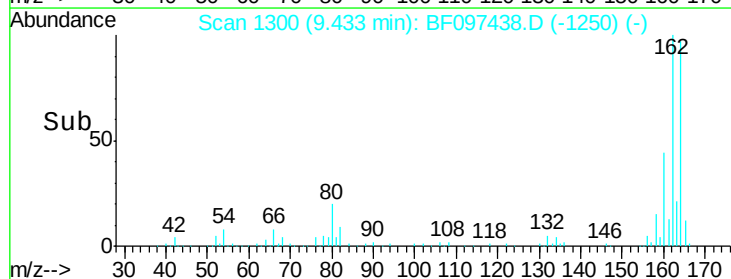
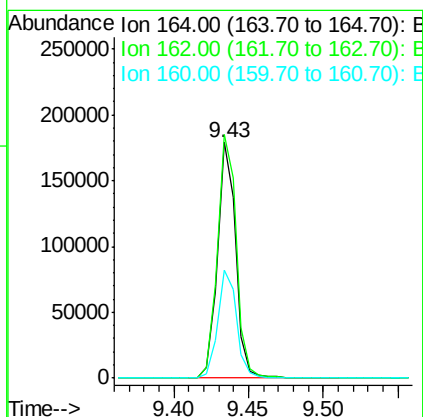
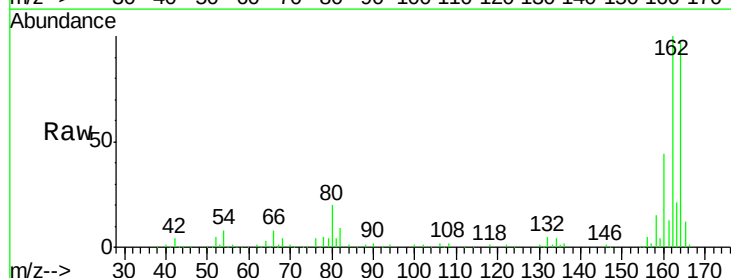
Tgt Ion:164 Resp: 152917

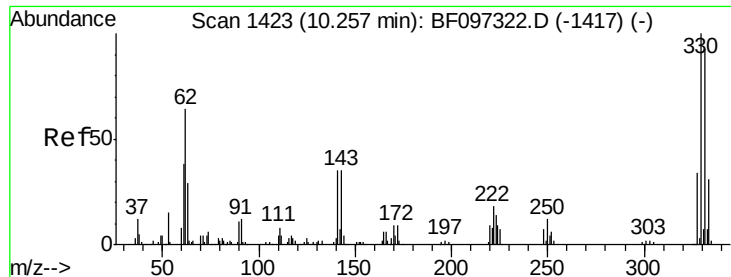
Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

160 45.8 36.2 54.2

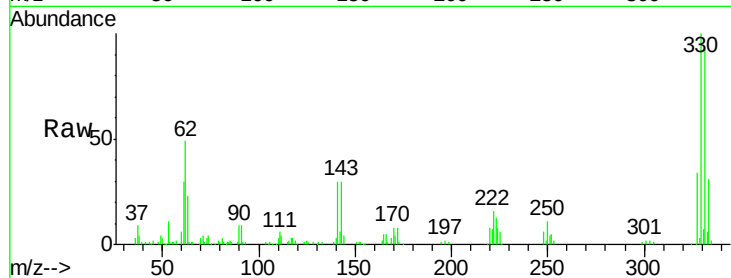




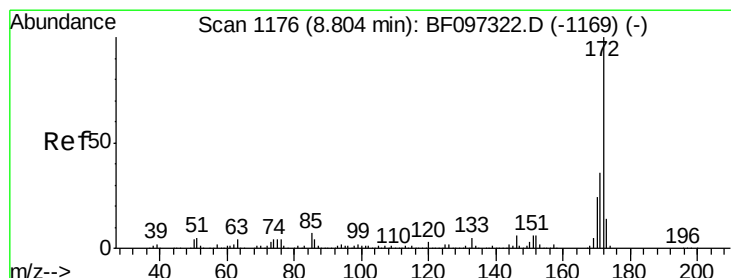
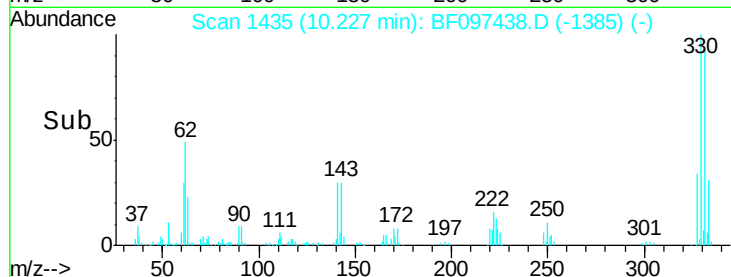
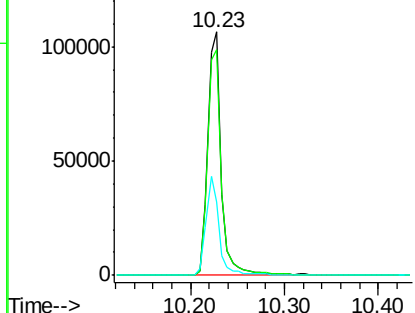
#41
 2,4,6-Tribromophenol
 Concen: 89.30 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BN

Tot Ion:330 Resp: 107887
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.9 31.4 47.2

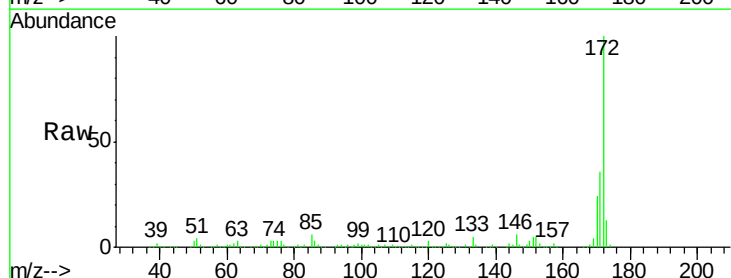


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

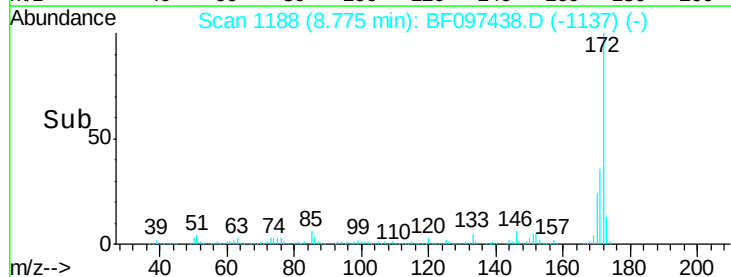
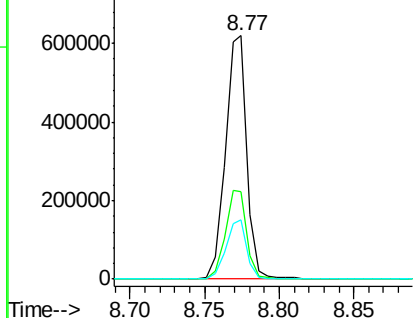


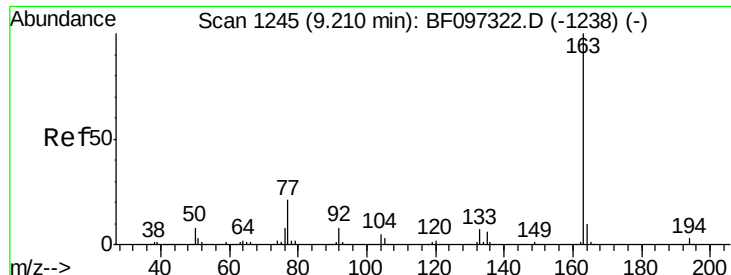
#44
 2-Fluorobiphenyl
 Concen: 69.78 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Tgt Ion:172 Resp: 628791
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

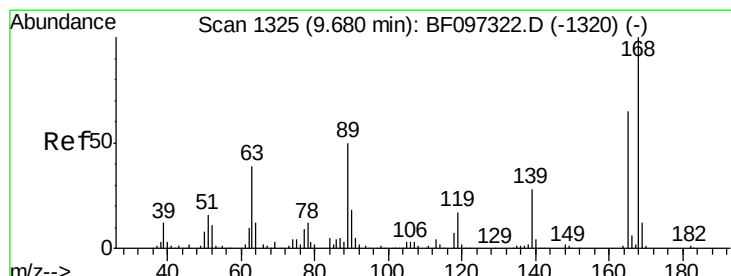
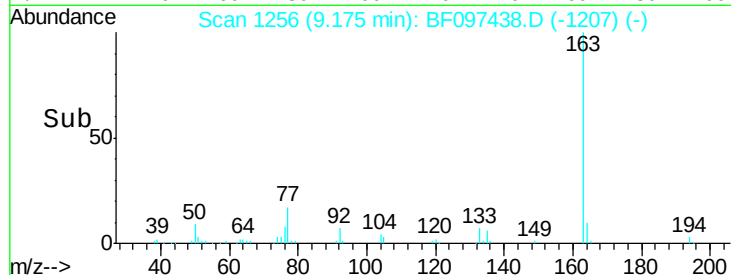
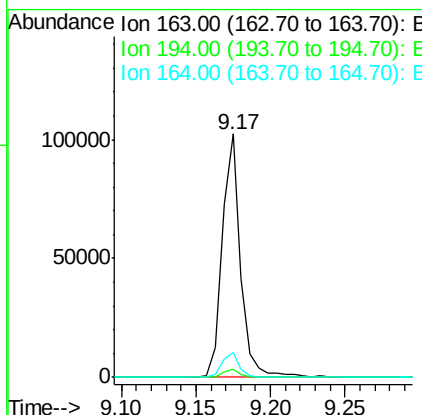
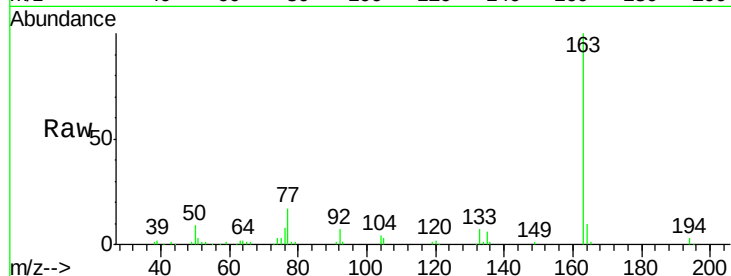




#49
Dimethylphthalate
Concen: 7.62 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

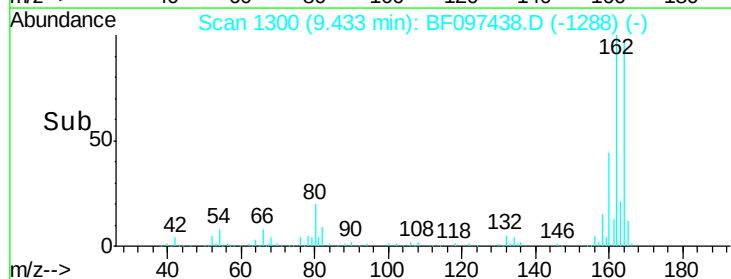
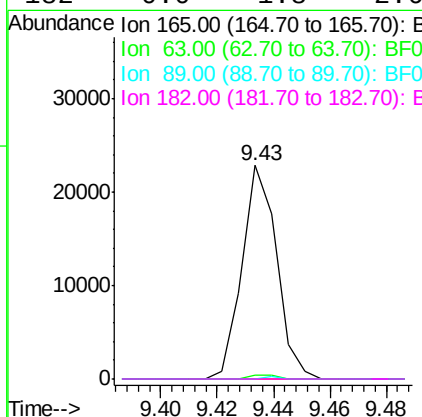
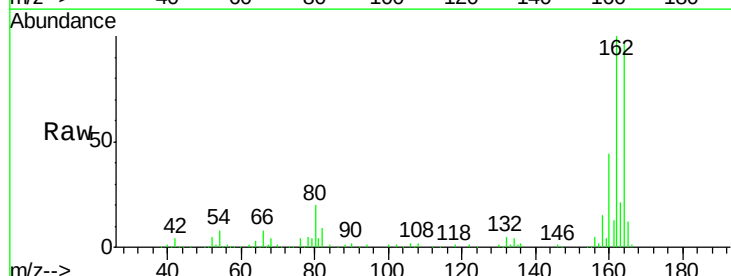
Instrument :
BNA_F
ClientSampleId :
TEC-BN

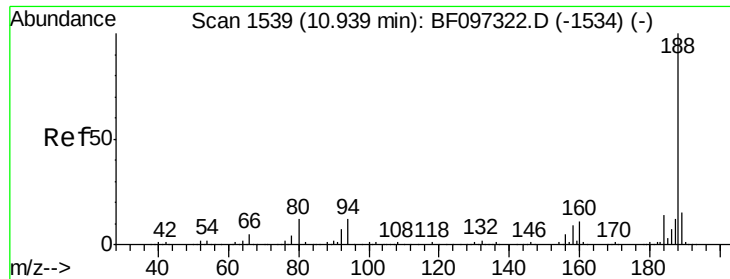
Tot Ion:163 Resp: 88459
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Tgt Ion:165 Resp: 19402
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#

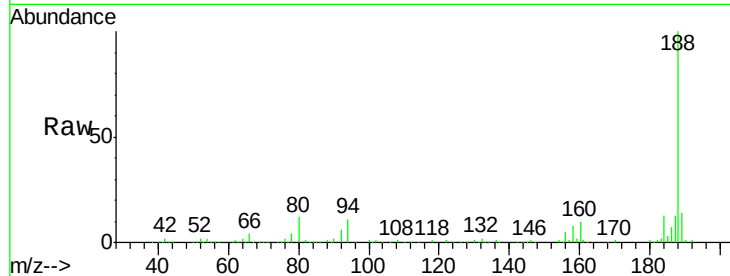




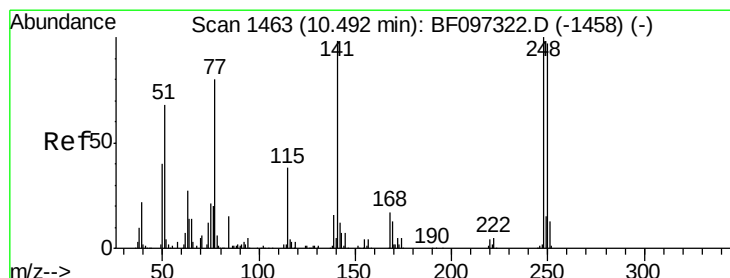
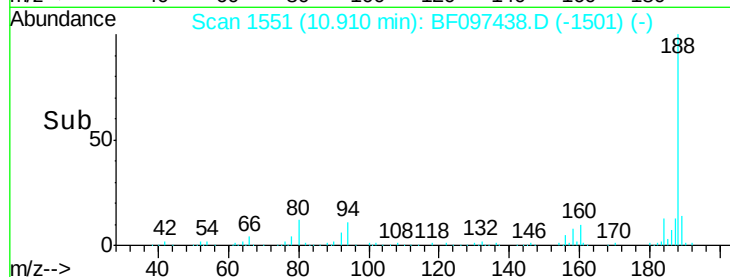
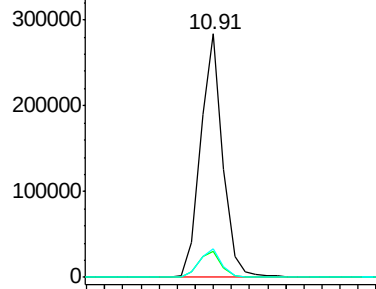
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BN

Tot Ion:188 Resp: 241120
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.7 10.2 15.2

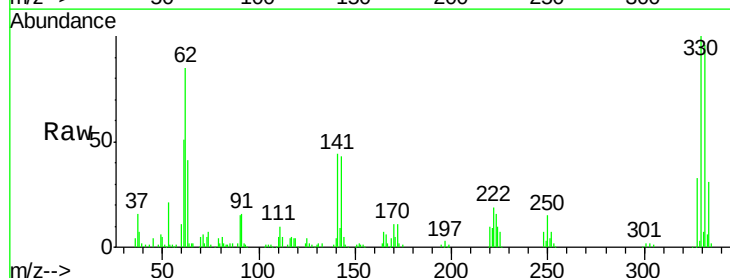


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

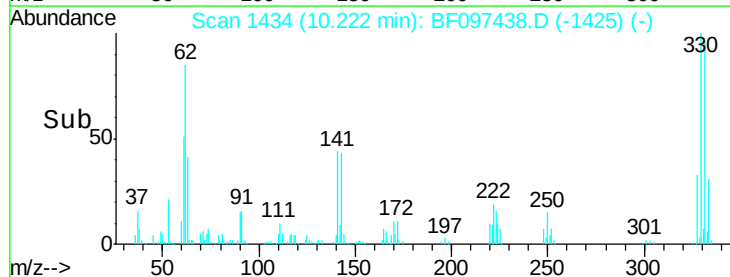
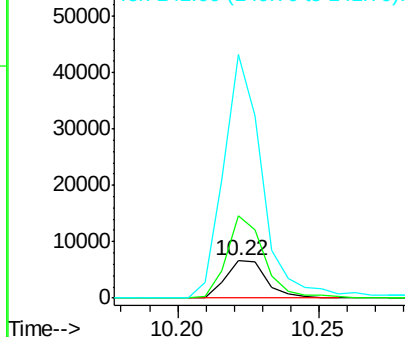


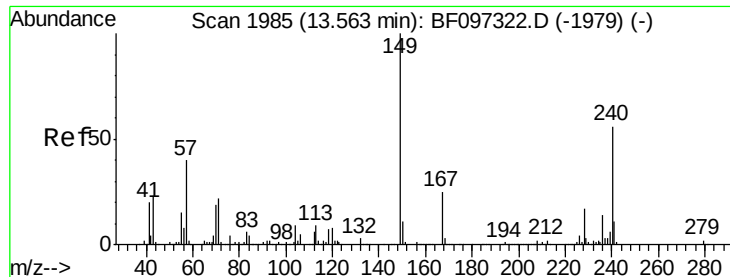
#66
 4-Bromophenyl-phenylether
 Concen: 2.73 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Tgt Ion:248 Resp: 6567
 Ion Ratio Lower Upper
 248 100
 250 224.0 76.8 115.2#
 141 658.2 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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

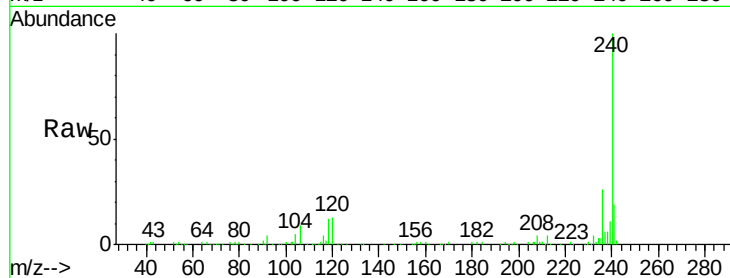
Tot Ion:240 Resp: 201863

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

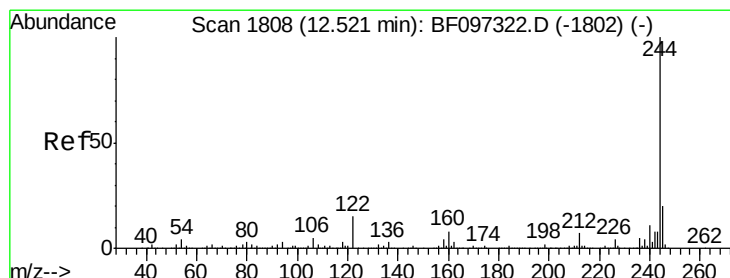
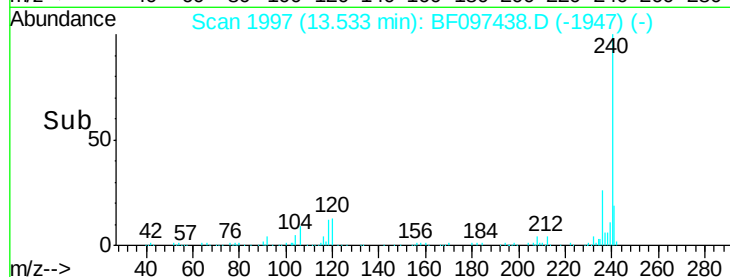
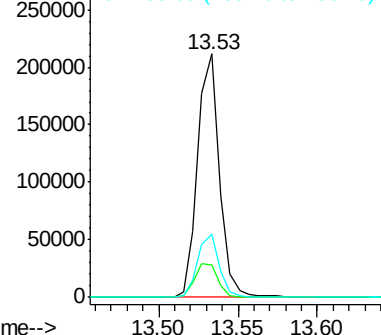
236 25.8 20.5 30.7



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: 42.43 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

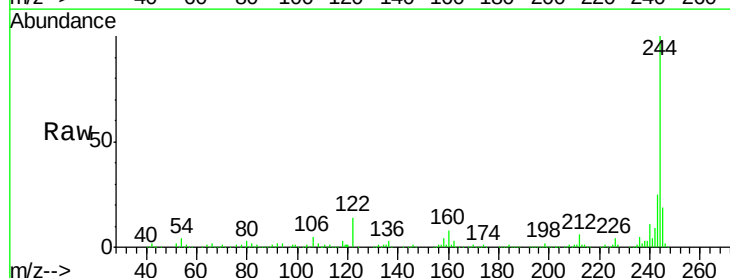
Tgt Ion:244 Resp: 420120

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

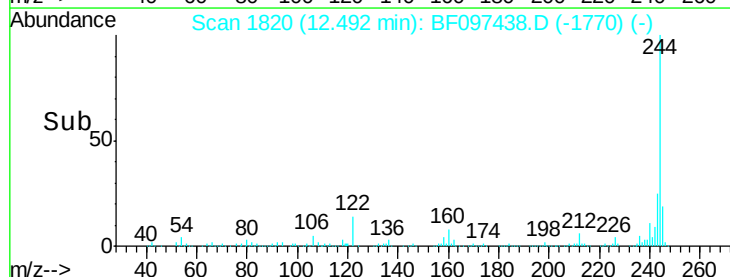
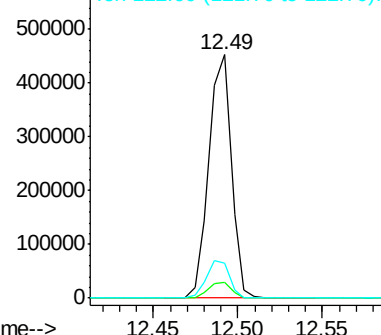
122 14.1 10.3 15.5

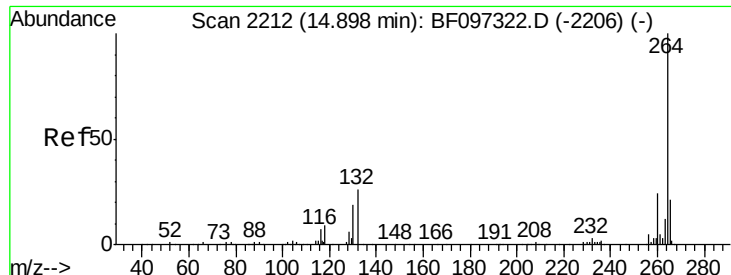


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
TEC-BN

Tot Ion:264 Resp: 178375
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 17.2 25.8

